



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

ENTERPRISE PRODUCTS OPERATING LLC

April 08, 2026

Submitted online via OCD E-Permitting:
<https://wwwapps.emnrd.nm.gov/OCD/OCDPermitting/default.aspx>

Ms. Shanna Smith
New Mexico Energy, Minerals & Natural Resources
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: 2025 Groundwater Monitoring Report (Ensolum, March 31, 2026)
Enterprise Field Services, LLC
Lateral K-51 Pipeline Release (4/13/2010)
Rio Arriba County, New Mexico [S34 and 35, T26N R6W (36.4465° N, 107.4461° W)]
OCD RP: 3R-446; Stage 1 AP-130; Incident No. nAUTOfAB000318

Dear Ms. Smith:

Enterprise Products Operating LLC (Enterprise), on behalf of Enterprise Field Services, LLC, is pleased to submit to New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD) one electronic copy (online via OCD E-Permitting) of the above-referenced document prepared by Ensolum, LLC (Ensolum). The report is associated with the Enterprise Lateral K-51 release of natural gas condensate liquids that occurred on April 13, 2010 from a natural gas gathering pipeline, located in Rio Arriba County, New Mexico (the "Site"). The report summarizes on-site activities that occurred between January 1, 2025 and December 31, 2025 ("reporting period").

Please note, a Revised Stage 1 and 2 Abatement Plan (Ensolum, December 3, 2025) was submitted and is pending review / approval by the OCD.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Val J Phipps".

Valerie J. Phipps
Manager, Environmental

A handwritten signature in blue ink, appearing to read "Tucker Jacobson".

W. Tucker Jacobson
Senior Manager, Environmental

cc: BLM, Farmington, NM – Mr. J. Nolan Craun <6251 College Blvd., Suite A, Farmington, NM 87402>
Landowner – Mr. Russell Luna < PO Box 753, Bloomfield, NM 87413-0753>

ec: Ensolum – Dan Moir < dmoir@ensolum.com >



2025 GROUNDWATER MONITORING REPORT

Property:

Lateral K-51 Pipeline Release (2010)
Unit Letter H of S34 and Unit Letter E of S35 T26N R6W
Rio Arriba County, New Mexico

New Mexico OCD RP No. 3RP-446
Abatement Plan No. 130
Incident ID No. nAUTOfAB000318

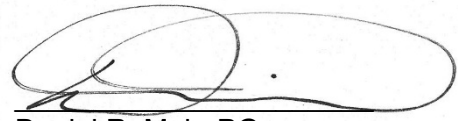
March 31, 2026

Prepared for:

Enterprise Field Services, LLC
P.O. Box 4324
Houston, Texas 77210-4324
Attn: Ms. Valerie Phipps

Prepared by:



Joe Gable, PG (licensed in TX)
Senior Geologist

Daniel R. Moir, PG (licensed in WY & TX)
Associate Principal, Geologist

Executive Summary

This report documents the 2025 groundwater monitoring activities conducted at the Lateral K-51 Pipeline Release (2010) site, referred to hereinafter as the “Site”. The Site is located within the Enterprise Field Services, LLC (Enterprise) pipeline right-of-way (ROW) in Sections 34 and 35, Township 26 North, Range 6 West, in Rio Arriba County, New Mexico.

On April 13, 2010, a release of natural gas condensate occurred from the Lateral K-51 pipeline. The initial Site assessment identified concentrations of constituents of concern (COCs) in soil and groundwater above the applicable New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division (NMOCD) Closure Criteria and the New Mexico Water Quality Control Commission (NMWQCC) Groundwater Quality Standards (GQSs). Delineation and initial excavation activities conducted between June 2010 and March 2012 identified additional concentrations of COCs above the applicable NMOCD Closure Criteria for soils and above the NMWQCC GQSs for groundwater. During 2011, in-situ chemical oxidation (ISCO) was performed in the immediate area of the release.

Quarterly and semi-annual groundwater monitoring was conducted from 2012 through 2014 and 2015 through 2025, respectively. Groundwater samples collected during these sampling events exhibited concentrations of COCs above the NMWQCC GQSs.

The primary objective of the 2025 groundwater monitoring was to further evaluate the concentrations of COCs in groundwater and to monitor COC concentrations over time at the Site in support of developing a remedial plan that has been documented in the *Stage 1 and 2 Abatement Plan*, dated November 21, 2025. The report is currently being reviewed by the NMOCD for completeness and approval of the proposed remedial actions.

Findings from the 2025 monitoring events are as follows:

- The groundwater flow direction at the Site is generally towards the west-northwest, with an approximate average gradient of 0.007 feet per foot (ft/ft) across the Site.
- Benzene was reported at concentrations exceeding the NMWQCC GQS of 5 micrograms per liter (µg/L) in groundwater samples collected from monitoring well MW-19 during the August 2025 and November 2025 sampling events. The groundwater samples collected from the other monitoring wells sampled in 2025 did not exhibit COC concentrations above the applicable NMWQCC GQSs.
- Monitoring well MW-19 has exhibited relatively stable benzene concentrations since 2012.

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1.0 INTRODUCTION

This report describes the 2025 groundwater monitoring activities conducted at the Lateral K-51 Pipeline Release (2010) site, referred to hereinafter as the "Site".

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral K-51 Pipeline Release (2010)
NMOCD Incident ID No.	nAUTOAB000318
Location:	36.4465° North, 107.4461° West Unit Letter H of Section 34 and Unit Letter E of Section 35, Township 26 North, Range 6 West Rio Arriba County, New Mexico
Property:	United States (US) Bureau of Land Management (BLM) and Private Land
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD) (referred to as NMOCD)

On April 13, 2010, an estimated 10 barrels of natural gas condensate were released from the Enterprise Lateral K-51 pipeline. The pipeline was subsequently repaired, and remediation activities were initiated to remove hydrocarbon affected soils. Souder, Miller, and Associates (SMA) collected confirmation soil samples and one groundwater sample from the final excavation. The excavation was then backfilled with unaffected soils. Confirmation soil samples collected from the excavation exhibited concentrations of constituents of concern (COCs) above the applicable NMOCD Closure Criteria for soils. The groundwater sample exhibited concentrations of COCs above the NMWQCC GQSs for groundwater.

In June 2010, eight soil borings (BH-1 through BH-8) were advanced by LT Environmental, Inc. (LTE). Four of the soil borings were completed as groundwater monitoring wells (MW-1 through MW-4). Analytical results from soil samples collected immediately adjacent to the release and near the groundwater interface (BH-1) indicated COC concentrations above the applicable NMOCD Closure Criteria. Analysis of groundwater samples collected from monitoring wells MW-1 through MW-4 indicated COC concentrations above the NMWQCC GQSs (*Site Investigation Report*, LTE, August 9, 2010).

In April 2011, nine soil borings/monitoring wells (SB-9, SB-10, MW-11 through MW-14, SB-15, MW-16, and MW-17) were advanced by Southwest Geoscience (SWG) to further evaluate the extent of dissolved phase COCs in groundwater. Additionally, 15 injection points were installed to facilitate the proposed in-situ chemical oxidation (ISCO) of the COCs utilizing a hydrogen peroxide solution. ISCO activities were performed in May 2011 (*Supplemental Site Investigation and Corrective Action Report*, SWG, October 5, 2011). Based on the distribution of COCs in groundwater, it appeared a former drip valve, tank, or pit may have also provided a historical source of petroleum hydrocarbon impact to groundwater (New Mexico OCD reference 3RP-206, *El Paso Natural Gas, Final Pit Closure*) in the vicinity of monitoring well MW-14.

In March 2012, three additional soil borings/monitoring wells (MW-18, MW-19, and MW-20) were advanced near and downgradient of the historical release area to further evaluate the extent of COCs in groundwater (*Supplemental Site Investigation & Corrective Action Work Plan*, SWG, April 23, 2012). Soil boring/monitoring well MW-18 was advanced west of the presumed location of the historical release, and soil borings/monitoring wells MW-19 and MW-20

were advanced to the north and northwest, respectively, of the presumed location of the historical release.

Quarterly and semi-annual groundwater monitoring was conducted from 2012 through 2014 and 2015 through 2018, respectively. In February 2019, Enterprise assigned management of the project to Ensolum, LLC (Ensolum).

In May of 2019, Enterprise submitted a revised *Stage 1 Abatement Plan* for this Site to the NMOCD (*Revised Lateral K-51 Pipeline Release (2010) Stage 1 Abatement Plan*, Ensolum, May 22, 2019).

In December 2025, Enterprise submitted a *Revised Stage 1 and 2 Abatement Plan* (Ensolum, December 3, 2025), which proposed in-situ injections as the remedial strategy. A response to this plan has not been received.

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 29, 2022
- *2022 Groundwater Monitoring Report*, Ensolum, March 22, 2023
- *2023 Groundwater Monitoring Report*, Ensolum, April 14, 2024
- *2024 Groundwater Monitoring Report*, Ensolum, March 13, 2025

The Site is subject to regulatory oversight by the NMOCD. To address activities related to oil and gas releases, the NMOCD 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 NMOCD utilizes the NMWQCC GQSs (20.6.2 NMAC *Ground and Surface Water Protection*) to evaluate groundwater conditions.

The Site location is depicted on **Figure 1**, 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 and previous soil boring locations in relation to pertinent structures and general Site boundaries, is included as **Figure 3**.

1.2 Project Objective

The objective of the groundwater monitoring was continued monitoring of groundwater quality while the *Revised Stage 1 and 2 Abatement Plan*, dated December 3, 2025 is under review by the NMOCD.

2.0 GROUNDWATER MONITORING

Ensolum conducted groundwater sampling events in May 2025 and November 2025. The groundwater sampling program consisted of the collection of one groundwater sample from each of the viable monitoring wells at the Site. Monitoring well MW-18 appeared to be obstructed (silted in or collapsed) and was not gauged for potentiometric mapping purposes. MW-18 was plugged, and replacement well MW-18R was installed on June 26, 2025. A summary of the monitoring well installation activities was included in the *Stage 1 and 2 Abatement Plan* for reference. Additionally, MW-19 was resampled on August 6, 2025, due to anomalous analytical data.

On June 8, 2020, the NMOCD approved a request to reduce the sampling frequency for

monitoring wells MW-3 and MW-11 through MW-13 to annually. Therefore, only eight monitoring wells were sampled during the November 2025 sampling event. The NMOCD was notified of the sampling events, although no representative was present to observe the sampling activities. Regulatory correspondence is provided in **Appendix A**.

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 utilizing micro-purge low-flow sampling techniques. Following the completion of the micro-purge process, the groundwater sample was collected.
- Low-flow or low-stress sampling refers to sampling methods that are intended to minimize the stress imparted to the formation pore water in the vicinity of the well screen. Water level drawdown provides the best indication of the stress that is imparted by a given flow rate for a given hydrological situation. Pumping rates of 0.1 to 0.5 liters per minute (L/min) are typically maintained during the low-flow/low-stress sampling activities, using dedicated or decontaminated sampling equipment.
- During low-flow sampling, groundwater samples were collected from each monitoring well once produced groundwater was consistent in color, clarity, pH, temperature, and conductivity. Measurements were typically observed every three to five minutes while purging. Purging was considered complete once key parameters (especially pH and conductivity) 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 Green Analytical Laboratories of Durango, Colorado, Eurofins Environment Testing South Central, LLC (Eurofins) (formerly Hall Environmental Analysis Laboratory) of Albuquerque, New Mexico, and/or Envirotech, Inc. of Farmington, New Mexico under proper chain-of-custody procedures.

2.1 Groundwater Laboratory Analytical Methods

The groundwater samples collected from the monitoring wells during the two sampling events were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) utilizing United States Environmental Protection Agency (EPA) SW-846 Method #8021/#8260. Monitoring well MW-19 was resampled on August 6, 2025, due to anomalous analytical results.

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

2.2 Groundwater Flow Direction

The groundwater flow direction at the Site generally trends toward the west-northwest. The calculated gradient during the 2025 monitoring events averaged approximately 0.007 feet per foot (ft/ft) across the Site. Groundwater elevation data collected during the 2025 gauging events are presented in **Table 2**. Groundwater gradient maps for the 2025 gauging events are included as **Figure 4A** and **Figure 4B**.

2.3 Groundwater Data Evaluation

Ensolum compared the benzene, toluene, ethylbenzene, and total xylenes (BTEX) laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the groundwater samples collected from monitoring wells during the 2025 groundwater sampling events to the NMWQCC GQSs. The results of the analyses are summarized in **Table 1**. Groundwater Quality Standard Exceedance Zone Maps are provided as **Figure 5A** and **Figure 5B**.

May, July, and August 2025

- The May 2025 analytical result for monitoring well MW-19 indicated a benzene concentration less than the laboratory PQLs/RLs, which was less than the NMWQCC GQS of 5 micrograms per liter (µg/L). The analytical results for the remaining monitoring wells did not indicate benzene concentrations greater than the laboratory PQLs/RLs or the NMWQCC GQS. Historically, monitoring well MW-19 had exceeded the NMWQCC GQS and as such, MW-19 was resampled on August 6, 2025.
 - The August 2025 analytical result for monitoring well MW-19 indicated a benzene concentration of 73 µg/L, which was greater than the NMWQCC GQS and in alignment with prior sampling events. The remaining constituents (toluene, ethylbenzene, and total xylenes) were not detected at concentrations greater than the laboratory PQLs/RLs or their respective NMWQCC GQSs.
- On July 10, 2025, Ensolum collected a groundwater sample from the replacement monitoring well MW-18R only. Analytical results for MW-18R indicated concentrations of all COCs were less than laboratory PQLs/RLs, which were less than the applicable NMWQCC GQSs.
- The below qualifiers were associated with the May 2025 data:

May, July, August 2025 Data Qualifier Flag		
Sample IDs	Data Qualifier Flags	Comments/Reactions
MW-4	GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
MW-19	GC-NC	

November 2025

- The November 2025 analytical result for monitoring well MW-19 indicated a benzene concentration of 52 µg/L, which was greater than the NMWQCC GQS. The analytical results for the remaining sampled monitoring wells did not indicate benzene concentrations greater than the laboratory PQLs/RLs or the NMWQCC GQS.
- The November 2025 analytical results for monitoring well MW-19 indicated a toluene concentration of 9.38 µg/L, which was less than the NMWQCC GQS. The analytical results for the remaining sampled monitoring wells did not indicate toluene concentrations greater than the laboratory PQLs/RLs or the NMWQCC GQS.
- The November 2025 analytical result for monitoring well MW-19 indicated an ethylbenzene concentration of 12.6 µg/L, which was less the NMWQCC GQS. The analytical results for the remaining sampled monitoring wells did not indicate ethylbenzene concentrations greater than the laboratory PQLs/RLs or the NMWQCC GQS.

- The November 2025 analytical result for monitoring well MW-19 indicated a total xylenes concentration of 20.8 µg/L, which less than the NMWQCC GQS. The November 2025 analytical results for the remaining sampled monitoring wells did not indicate total xylenes concentrations greater than the laboratory PQLs/RLs or the NMWQCC GQS.
- No data qualifiers were associated with the November 2025 data.

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 west-northwest, with an approximate average gradient of 0.007 ft/ft across the Site.
- Benzene was reported at concentrations greater than the NMWQCC GQS in groundwater samples collected from monitoring well MW-19 during the August 2025 and November 2025 sampling events. The groundwater samples collected from the other sampled monitoring wells in 2025 did not exhibit COC concentrations greater than the applicable NMWQCC GQSs.
- Monitoring well MW-19 has exhibited relatively stable benzene concentrations since 2012 as depicted in the chart provided in **Appendix C**.

4.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

4.1 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).

4.2 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.

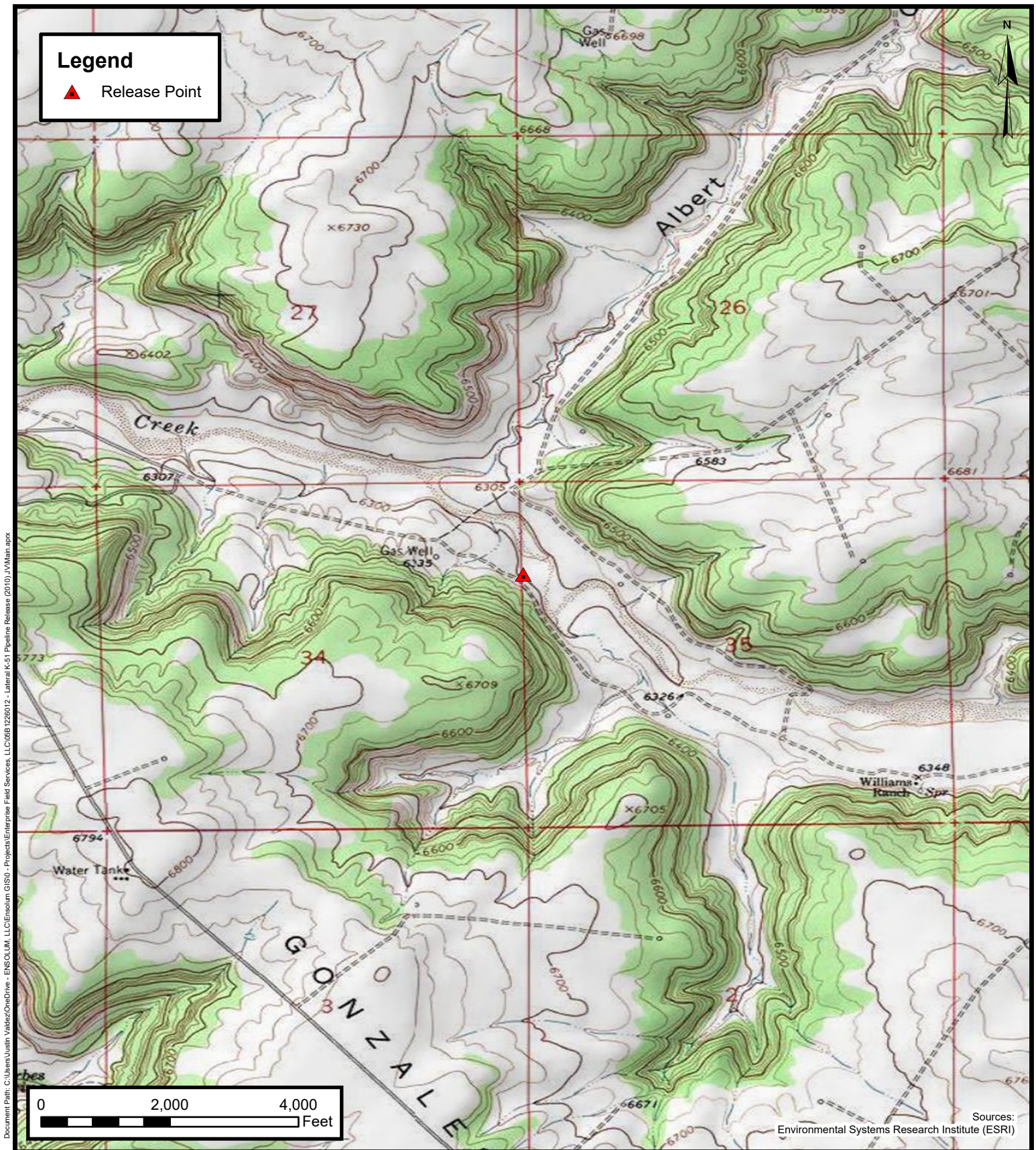
4.3 Reliance

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.



Figures



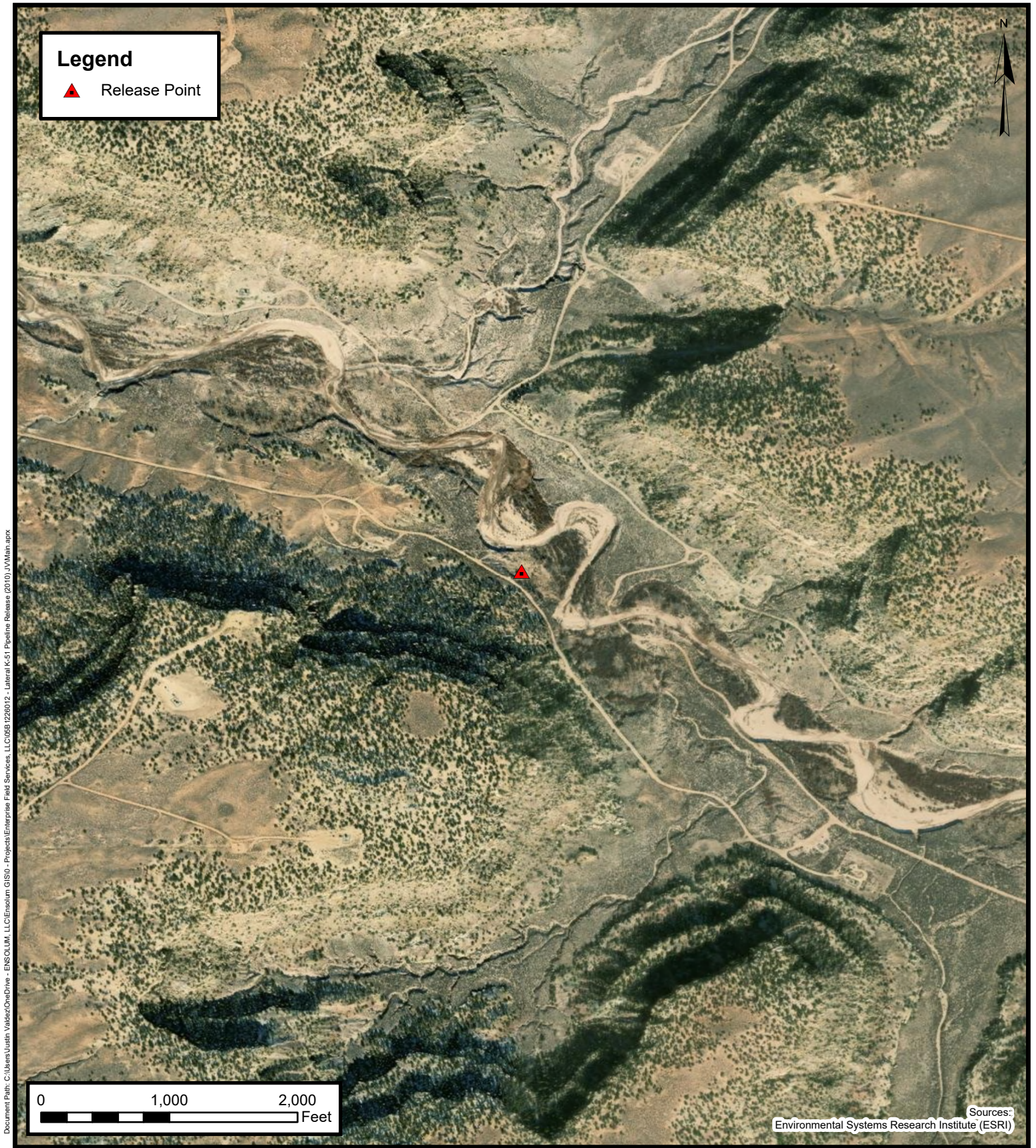
Topographic Map

Enterprise Field Services, LLC
Lateral K-51 (2010) Pipeline Release

Unit Letter H, S34 and Unit Letter E, S35 T26N R6W, Rio Arriba County, New Mexico
36.4465° N, -107.4461° W

FIGURE

1



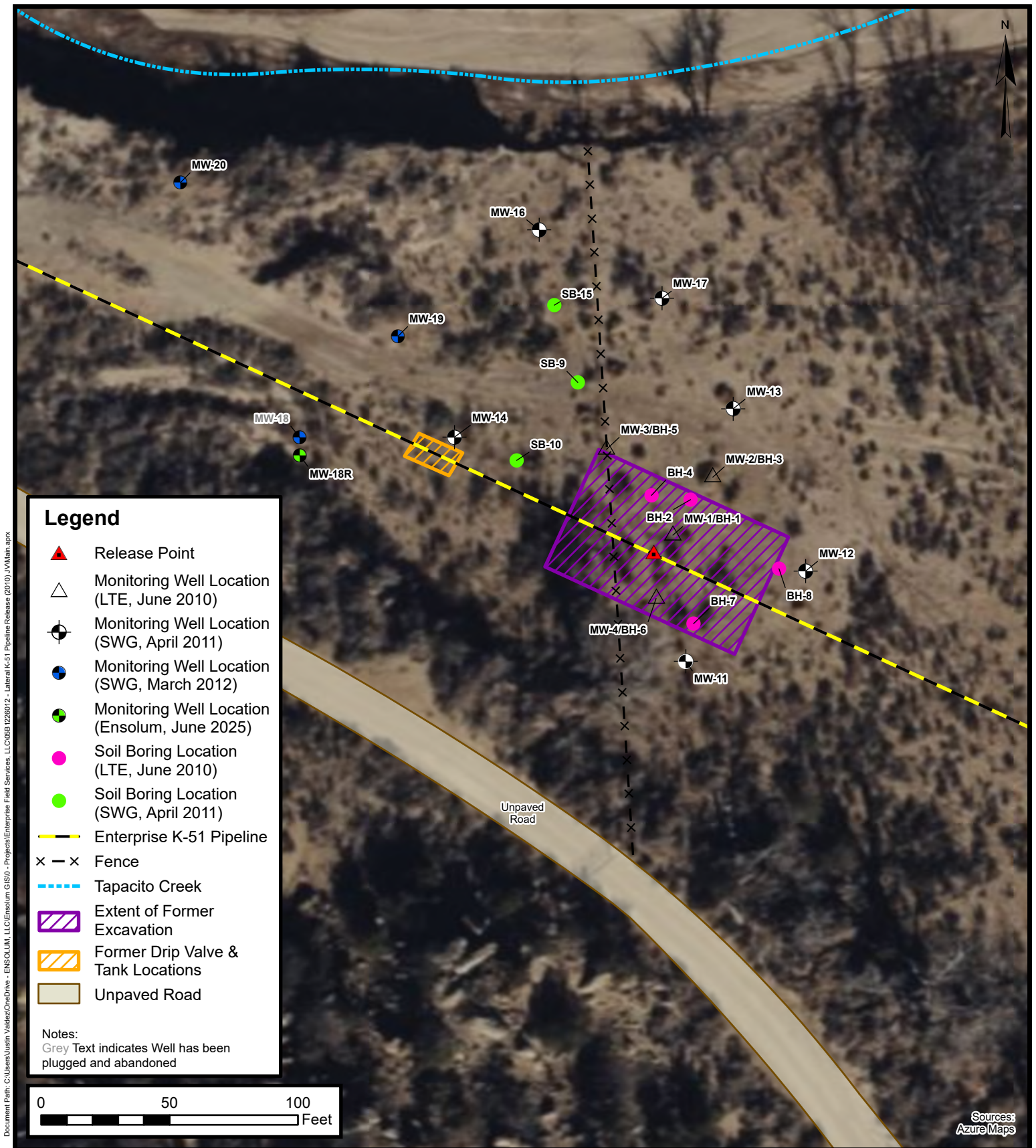
Site Vicinity Map

Enterprise Field Services, LLC
Lateral K-51 (2010) Pipeline Release

Unit Letter H, S34 and Unit Letter E, S35 T26N R6W, Rio Arriba County, New Mexico
36.4465° N, -107.4461° W

FIGURE

2

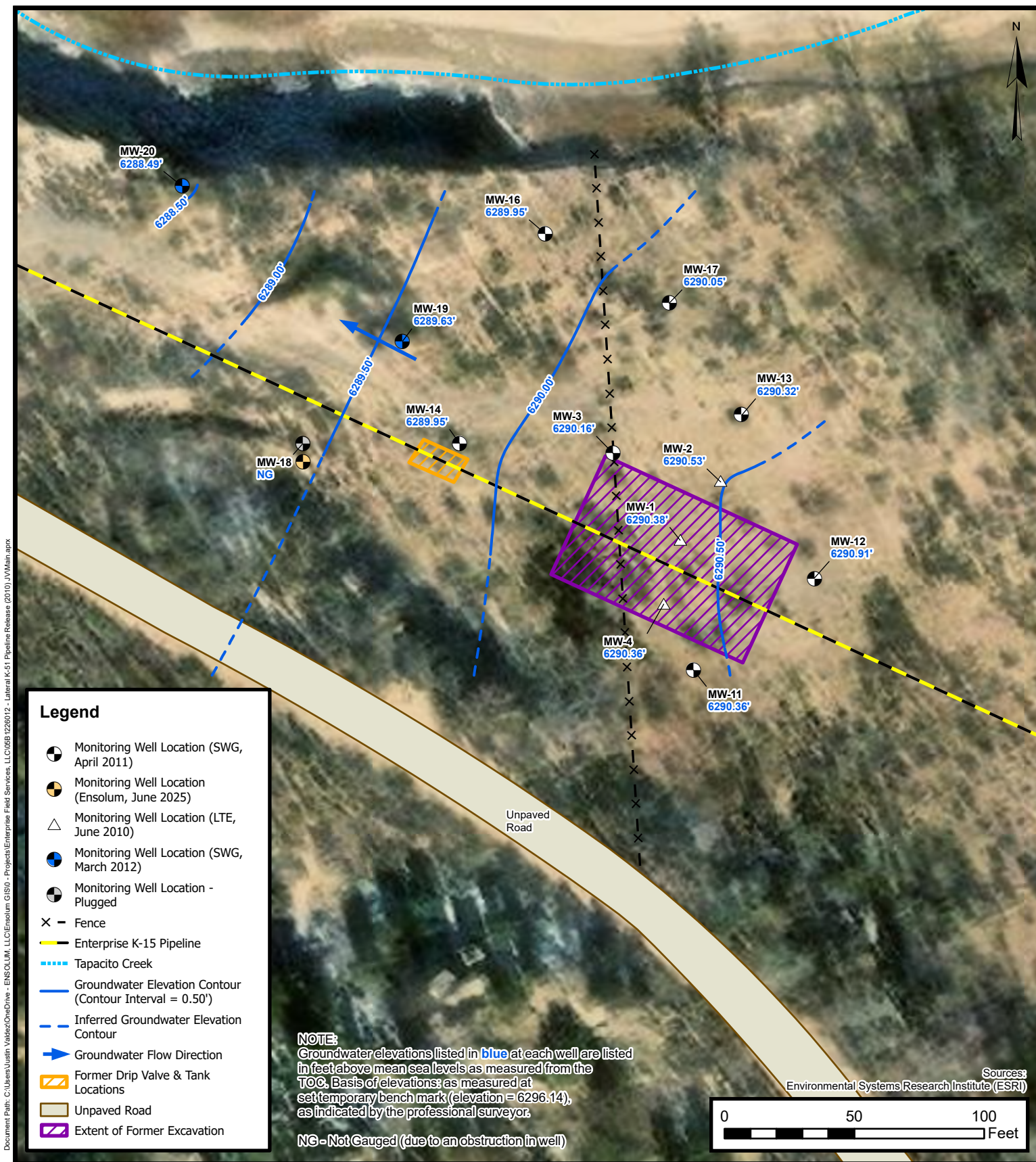


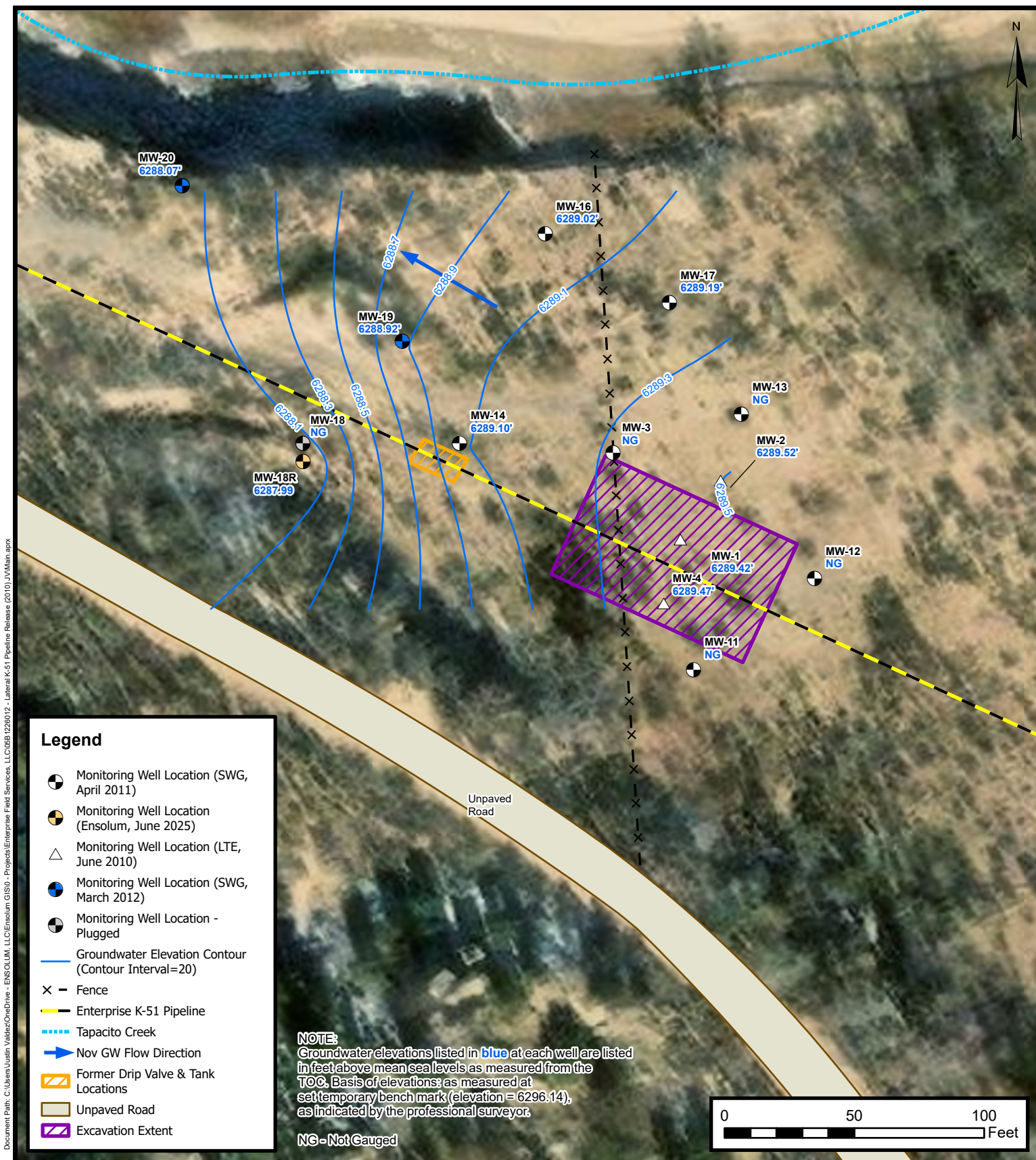
Site Map

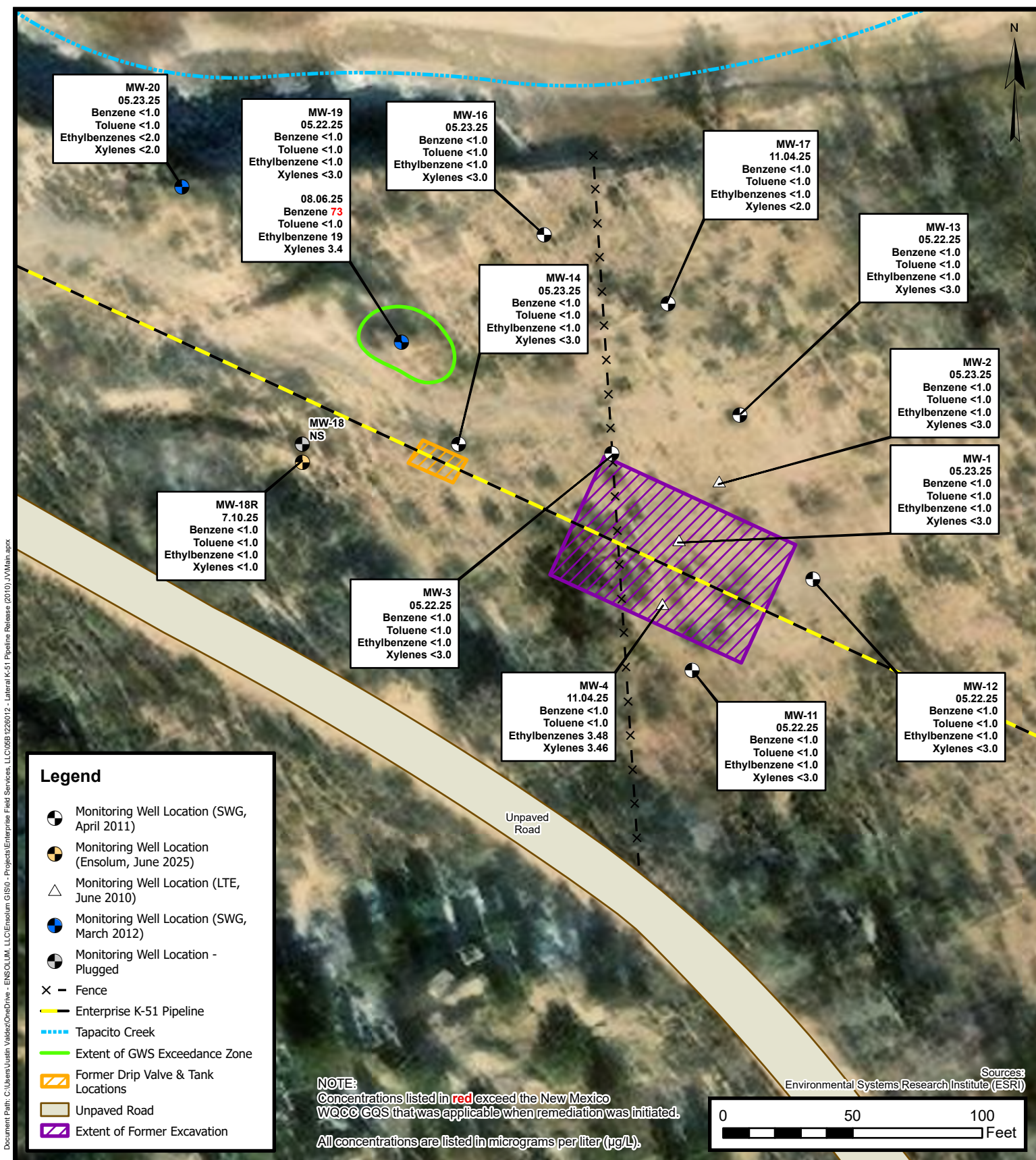
Enterprise Field Services, LLC
Lateral K-51 (2010) Pipeline Release

Unit Letter H, S34 and Unit Letter E, S35 T26N R6W, Rio Arriba County, New Mexico
36.4465° N, -107.4461° W

FIGURE
3





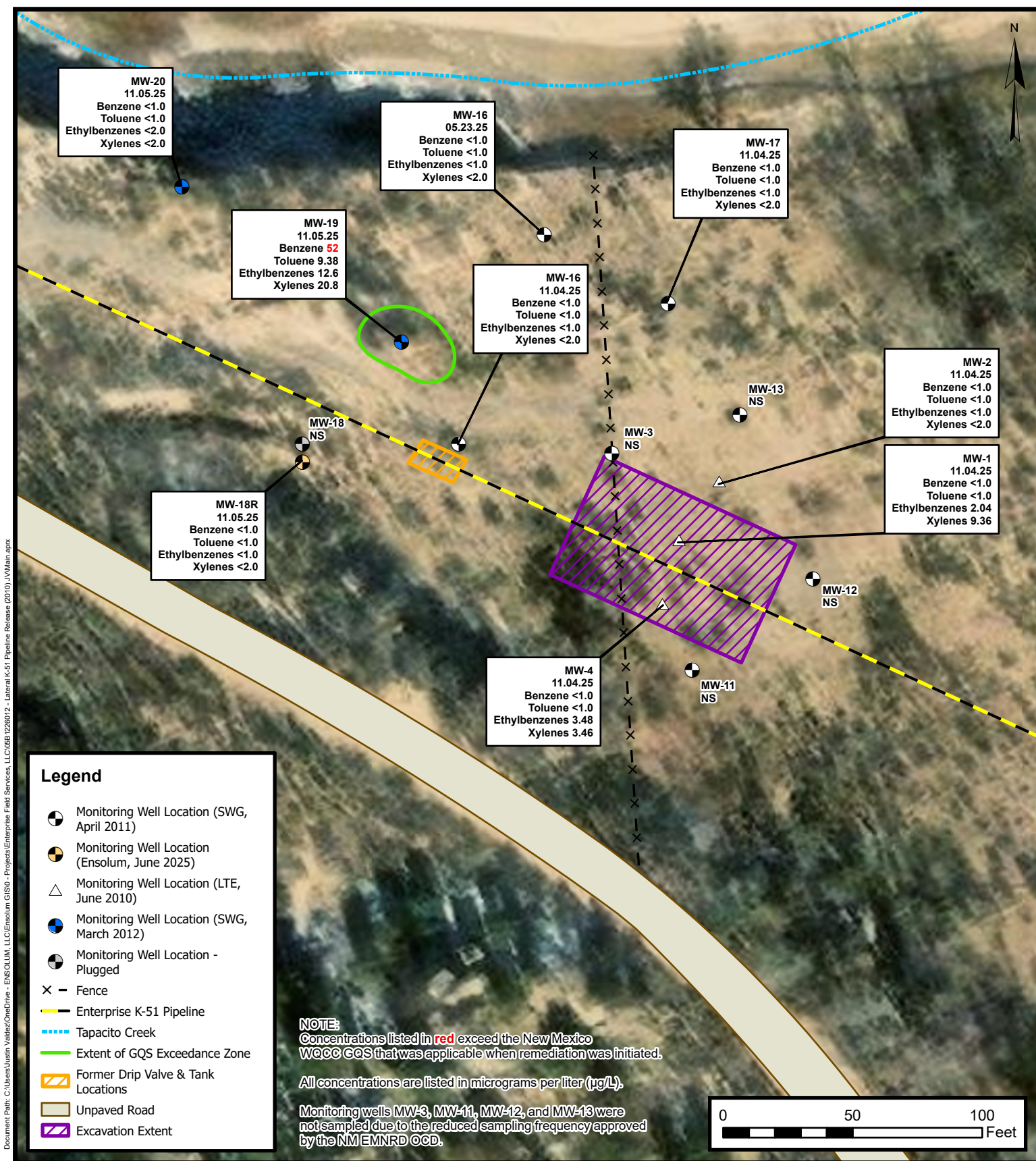


Groundwater Quality Standard (GQS) Exceedance Zone Map (May, July, and August 2025)

Enterprise Field Services, LLC
Lateral K-51 (2010) Pipeline Release

Unit Letter H, S34 and Unit Letter E, S35 T26N R6W, Rio Arriba County, New Mexico
36.4465° N, -107.4461° W

FIGURE
5A





APPENDIX A

Regulatory Correspondence

From: [Joe Gable](#)
To: [Schade, Kendall](#)
Cc: [Valerie Phipps](#); [Marc Gentry](#); [Beaux Jennings](#); [Dan Moir](#)
Subject: Field Work Notification due 5/20/25 for K-51
Date: Monday, May 12, 2025 11:36:00 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

Kendall,

Please see the below field work notification.

NMOCD Incident #	nAUTOFAB00318
# of Monitoring wells	12
Date sampling will commence	May 22
Approx time sampling will commence	1000 AM CST
Contact information for field lead and/or PM (name and cell phone number)	Tracy Dembrowski (720-989-6175); Joe Gable (903-386-8073)
Site lat / long and/or specific instructions for finding the site	36.4465° N, -107.4461° W

Let me know if you have any questions.

Thanks!



Joe Gable, PG

Project Manager

903-386-8073

[Ensolum, LLC](#)

in f X

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	522757	Districts:	Aztec
Operator:	[241602] Enterprise Field Services, LLC	Counties:	Rio Arriba, San Juan
Description:	Enterprise Field Services, LLC [241602] , LATERAL K-51 PIPELINE RELEASE - GW , nAUTOfAB000318		
Status:	Approved		
Status Date:	11/03/2025		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAUTOfAB000318
Incident Name	NAUTOFAB000318 LATERAL K-51 PIPELINE RELEASE - GW @ FAB00000000575
Incident Type	Release Other
Incident Status	Closure Not Approved
Incident Facility	[fAB00000000575] K-51 LINE DRIP

Location of Release Source

Site Name	LATERAL K-51 PIPELINE RELEASE - GW
Date Release Discovered	01/28/1998
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	100
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/05/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Tracy Dembrowski (720-989-6175); Joe Gable (903-386-8073)
Please provide any information necessary for navigation to sampling site	36.4465° N, -107.4461° W

Comments

No comments found for this submission.

Conditions

Summary: *vjphipps (11/3/2025)*, 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.

vjphipps (11/3/2025), If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

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OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	522394	Districts:	Aztec
Operator:	[241602] Enterprise Field Services, LLC	Counties:	Rio Arriba, San Juan
Description:	Enterprise Field Services, LLC [241602] , LATERAL K-51 PIPELINE RELEASE - GW , nAUTOfAB000318		
Status:	Approved		
Status Date:	11/03/2025		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAUTOfAB000318
Incident Name	NAUTOFAB000318 LATERAL K-51 PIPELINE RELEASE - GW @ FAB00000000575
Incident Type	Release Other
Incident Status	Closure Not Approved
Incident Facility	[fAB00000000575] K-51 LINE DRIP

Location of Release Source

Site Name	LATERAL K-51 PIPELINE RELEASE - GW
Date Release Discovered	01/28/1998
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	100
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/04/2025
Time sampling will commence	10:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Tracy Dembrowski (720-989-6175); Joe Gable (903-386-8073)
Please provide any information necessary for navigation to sampling site	36.4465° N, -107.4461° W

Comments

No comments found for this submission.

Conditions

Summary: *vjphipps (11/3/2025)*, 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.

vjphipps (11/3/2025), If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

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Tables





TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
SMA Sample - Open Excavation							
Excavation	4.21.10	7,000	13,000	540	5,200	NA	NA
Monitoring Wells Installed by LTE							
MW-1	6.21.10	8,400	1,300	560	4,200	NA	NA
	9.24.10	2,300	28	200	520	8.4	<1.0
	4.21.11	430	<20	120	60	2.1	<1.0
	6.21.11	820	370	33	140	5.1	130
	9.22.11	690	1,200	120	1,200	8.9	30
	12.13.11	260	250	54	650	3.4	<1.0
	3.20.12	280	230	94	550	3.5	<1.0
	6.19.12	300	<5.0	81	96	1.7	<1.0
	9.20.12*	45	3.4	15	23	0.45	<1.0
	12.17.12	34	<1.0	11	16	0.19	<1.0
	3.25.13	41	<1.0	19	32	0.27	<1.0
	6.27.13	24	<1.0	<1.0	36	0.22	<1.0
	10.22.13	39	<1.0	24	13	0.23	<1.0
	12.16.13	10	<1.0	14	11	0.18	<1.0
	4.18.14	23	<1.0	28	86	0.38	1.1
	11.6.14	32	<1.0	27	61	NA	NA
	5.29.15	11	<1.0	21	55	NA	NA
	12.1.15	5.3	<1.0	4.0	6.2	NA	NA
	5.26.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.16	17	<1.0	1.6	2.4	NA	NA
	5.30.17	4.1	<1.0	<1.0	<1.5	NA	NA
	12.07.17	2.8	<1.0	2.0	<1.5	NA	NA
	5.30.18	3.0	<1.0	<1.0	2.2	NA	NA
	11.2.18	1.2	<1.0	<1.0	<1.5	NA	NA
	9.25.19	1.8	<1.0	<1.0	<2.0	NA	NA
	2.4.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.8.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.22	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	06.04.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	05.23.25	<1.0	<1.0	<1.0	<3.0	NA	NA
	11.04.25	<1.0	<1.0	2.04	9.36	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-2	6.21.10	200	53	14	96	NA	NA
	9.24.10	2.3	<1.0	<1.0	<2.0	<0.050	<1.0
	4.21.11	3.3	<1.0	<1.0	<2.0	0.065	<1.0
	6.21.11	2.2	<1.0	<1.0	<2.0	<0.050	<1.0
	9.22.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.20.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.27.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.21.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.17.14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.28.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.1.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.25.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.06.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.30.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.1.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.20.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.4.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.8.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.22	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	06.04.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	05.23.25	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.04.25	<1.0	<1.0	<1.0	<2.0	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-3	6.21.10	640	57	72	1,000	NA	NA
	9.24.10	150	<1.0	16	28	0.48	<1.0
	4.21.11	52	<1.0	17	10	0.25	<1.0
	6.21.11	62	14	13	160	0.67	<1.0
	9.22.11	3	<1.0	8.7	<2.0	0.066	<1.0
	12.13.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.20.12	1.3	<1.0	1.9	<2.0	<0.050	<1.0
	6.19.12	3.1	<1.0	1.4	<2.0	<0.050	<1.0
	9.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.27.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.21.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.17.14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.28.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.1.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.08.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.30.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.07.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.30.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.01.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.20.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	1.31.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21 ^A	NS	NS	NS	NS	NS	NS
	5.19.22	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.22 ^A	NS	NS	NS	NS	NS	NS
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23 ^A	NS	NS	NS	NS	NS	NS
	06.05.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24 ^A	NS	NS	NS	NS	NS	NS
	05.22.25	<1.0	<1.0	<1.0	<3.0	NA	NA
	11.04.25	NS	NS	NS	NS	NS	NS



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-4	6.21.10	3,600	10,000	600	6,600	NA	NA
	9.24.10	870	870	260	1,600	12	1
	4.21.11	670	<20	520	790	6.3	<1.0
	6.21.11	17	22	36	77	0.64	1.1
	9.22.11	62	140	220	820	3.8	1.2
	12.13.11	84	<20	430	490	2.6	<1.0
	3.20.12	36	<20	1,100	1,400	6.5	<1.0
	6.19.12	37	<5.0	250	350	2.2	<1.0
	9.19.12	9.4	1.4	74	97	0.84	<1.0
	12.17.12	<1.0	<1.0	6.2	9.7	0.12	<1.0
	3.25.13	3.2	<1.0	51	55	1.0	<1.0
	6.27.13	3.9	<1.0	61	60	1.3	<1.0
	10.22.13	<1.0	<1.0	12	3.8	0.13	<1.0
	12.13.13	<1.0	<1.0	16	6.2	0.4	<1.0
	4.17.14	<1.0	<1.0	76	14	0.78	<1.0
	11.6.14	<1.0	<1.0	11	2.9	NA	NA
	5.29.15	<1.0	<1.0	24	6.1	NA	NA
	12.1.15	<1.0	<1.0	2.5	2.1	NA	NA
	5.25.16	<1.0	<1.0	7.4	<2.0	NA	NA
	11.8.16	2.4	<1.0	4.8	2.1	NA	NA
	5.26.17	<1.0	<1.0	3.9	<1.5	NA	NA
	12.06.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.30.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.1.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.20.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	1.31.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.8.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	2.9	NA	NA
	11.22.21	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.22	<1.0	<1.0	<1.0	3.6	NA	NA
	11.8.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.25.23	1.1	<1.0	<1.0	2.4	NA	NA
	11.20.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	06.04.24	<1.0	<1.0	<1.0	2.1	NA	NA
	12.12.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	05.22.25	<1.0	<1.0	<1.0	<3.0	NA	NA
	11.04.25	<1.0	<1.0	3.48	3.46	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
Monitoring Wells Installed by Apex TITAN (formerly Southwest Geoscience)							
MW-11	4.21.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.21.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.22.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.20.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.27.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.21.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.17.14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.29.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.30.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.25.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.08.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.06.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.30.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.01.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.20.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	1.31.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.8.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21 ^A	NS	NS	NS	NS	NS	NS
	5.19.22	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.22 ^A	NS	NS	NS	NS	NS	NS
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23 ^A	NS	NS	NS	NS	NS	NS
	06.04.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24 ^A	NS	NS	NS	NS	NS	NS
	05.22.25	<1.0	<1.0	<1.0	<3.0	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-12	4.21.11	1.9	<1.0	<1.0	<2.0	<0.050	<1.0
	6.21.11	4.6	<1.0	<1.0	<2.0	0.063	<1.0
	9.22.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.20.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.19.12	1.7	<1.0	<1.0	<2.0	<0.050	<1.0
	9.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.27.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.21.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.17.14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.29.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.30.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.25.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.08.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.06.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.30.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.01.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.20.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	1.31.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.8.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21 ^A	NS	NS	NS	NS	NS	NS
	5.19.22	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.22 ^A	NS	NS	NS	NS	NS	NS
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23 ^A	NS	NS	NS	NS	NS	NS
	06.04.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24 ^A	NS	NS	NS	NS	NS	NS
	05.22.25	<1.0	<1.0	<1.0	<3.0	NA	NA
	11.04.25	NS	NS	NS	NS	NS	NS



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-13	4.21.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.21.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.22.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.20.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.20.12	NS	NS	NS	NS	NS	NS
	12.17.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.27.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.21.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.12.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.17.14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.28.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.30.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.25.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.08.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.06.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.30.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.01.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.25.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.4.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21 ^A	NS	NS	NS	NS	NS	NS
	5.19.22	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.21 ^A	NS	NS	NS	NS	NS	NS
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23 ^A	NS	NS	NS	NS	NS	NS
	06.04.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24 ^A	NS	NS	NS	NS	NS	NS
	05.22.25	<1.0	<1.0	<1.0	<3.0	NA	NA
	11.04.25	NS	NS	NS	NS	NS	NS



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-14	4.21.11	2,800	<100	280	720	8.7	<1.0
	6.21.11	470	<10	37	210	1.9	<1.0
	9.22.11	540	<10	100	36	1.7	<1.0
	12.13.11	220	<10	110	<20	1.0	<1.0
	3.20.12	660	<5.0	240	15	2.9	<1.0
	6.19.12	660	<5.0	300	100	3.4	<1.0
	9.20.12*	7.3	<1.0	<1.0	<2.0	0.1	<1.0
	12.17.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13	<1.0	<1.0	1.6	<2.0	<0.050	<1.0
	6.27.13	34	4.4	30	130	0.56	1.4
	10.22.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.16.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.28.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.30.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.7.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.06.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.31.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.1.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.20.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	1.31.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.12.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.20.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.8.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.26.23	1.1	<1.0	<1.0	<2.0	NA	NA
	11.20.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	06.05.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	05.23.25	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.04.25	<1.0	<1.0	<1.0	<2.0	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-16	4.21.11	4.4	<2.0	<2.0	<4.0	<0.10	<1.0
	6.21.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.22.11	<1.0	<1.0	<1.0	<2.0	0.065	<1.0
	12.13.11	<1.0	<1.0	<1.0	<2.0	0.12	<1.0
	3.20.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12	3.1	<1.0	2.1	14	0.19	<1.0
	3.25.13	<1.0	<1.0	<1.0	<1.0	<0.050	<1.0
	6.27.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.21.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.12.13	1	<1.0	<1.0	<2.0	<0.050	<1.0
	4.17.14	1.4	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	1.2	<1.0	<1.0	<2.0	NA	NA
	5.29.15	3.0	<1.0	<1.0	<2.0	NA	NA
	12.1.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.25.16	2.2	<1.0	<1.0	<2.0	NA	NA
	11.7.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.30.17	2.1	<1.0	<1.0	<1.5	NA	NA
	12.7.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.31.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.2.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.25.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.4.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.12.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.20.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.8.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	06.05.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	05.23.25	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.04.25	<1.0	<1.0	<1.0	<2.0	NA	NA



TABLE 2							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-17	4.21.11	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	6.21.11	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	9.22.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.13.11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.20.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.27.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.21.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.12.13	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.17.14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.28.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.1.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.25.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.7.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.7.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.31.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.1.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.25.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.4.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.22	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.8.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.25.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	06.05.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	05.23.25	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.04.25	<1.0	<1.0	<1.0	<2.0	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-18	3.20.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.19.12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	9.20.12*	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	3.25.13	NS	NS	NS	NS	NS	NS
	6.27.13	NS	NS	NS	NS	NS	NS
	10.21.13	NS	NS	NS	NS	NS	NS
	12.12.13	NS	NS	NS	NS	NS	NS
	4.17.14	NS	NS	NS	NS	NS	NS
	11.6.14	NS	NS	NS	NS	NS	NS
	5.29.15	NS	NS	NS	NS	NS	NS
	11.30.15	NS	NS	NS	NS	NS	NS
	5.25.16	NS	NS	NS	NS	NS	NS
	11.7.16	NS	NS	NS	NS	NS	NS
	5.26.17	NS	NS	NS	NS	NS	NS
	12.07.17	NS	NS	NS	NS	NS	NS
	5.30.18	NS	NS	NS	NS	NS	NS
	11.1.18	NS	NS	NS	NS	NS	NS
	9.20.19	NS	NS	NS	NS	NS	NS
	1.31.20	NS	NS	NS	NS	NS	NS
	5.8.20	NS	NS	NS	NS	NS	NS
	11.11.20	NS	NS	NS	NS	NS	NS
	5.28.21	NS	NS	NS	NS	NS	NS
	11.22.21	NS	NS	NS	NS	NS	NS
	5.19.22	NS	NS	NS	NS	NS	NS
	11.8.22	NS	NS	NS	NS	NS	NS
	5.26.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23	NS	NS	NS	NS	NS	NS
	06.05.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24	NS	NS	NS	NS	NS	NS
	05.22.25	NS	NS	NS	NS	NS	NS
	6.26.25	Plugged & Abandoned					
MW-18R	07.10.25	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.05.25	<1.0	<1.0	<1.0	<2.0	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-19	3.20.12	250	56	310	3,900	16	5.3
	6.19.12	NAPL	NAPL	NAPL	NAPL	NA	NA
	9.19.12	NAPL	NAPL	NAPL	NAPL	NA	NA
	12.17.12	180	<5.0	5.4	23	2.2	2.6
	3.25.13	160	<5.0	17	<10	1.5	1.4
	6.27.13	390	<1.0	79	66	2.7	5.9
	10.22.13	140	<1.0	<1.0	<2.0	0.51	2.1
	12.16.13	160	<1.0	37	12	1.4	4.2
	4.18.14	230	<1.0	41	53	2.2	10
	11.6.14	260	<1.0	75	42	NA	NA
	5.29.15	190	<1.0	7.2	81	NA	NA
	12.1.15	210	<1.0	75	23	NA	NA
	5.26.16	260	<1.0	86	340	NA	NA
	11.8.16	270	<1.0	80	190	NA	NA
	5.30.17	270	<1.0	88	640	NA	NA
	12.7.17	180	<1.0	70	150	NA	NA
	5.31.18	250	<10	83	260	NA	NA
	11.2.18	230	<5.0	62	280	NA	NA
	9.25.19	340	<5.0	88	380	NA	NA
	2.4.20	100	<5.0	51	28	NA	NA
	5.11.20	97	<5.0	54	15	NA	NA
	11.12.20	240	<2.0	80	50	NA	NA
	5.28.21	120	<5.0	63	19	NA	NA
	11.22.21	160	<5.0	85	14	NA	NA
	5.20.22	160	<5.0	54	29	NA	NA
	11.8.22	78	<2.0	34	3.2	NA	NA
	5.25.23	57	<5.0	20	<10	NA	NA
	11.20.23	200	<2.0	41	<4.0	NA	NA
	06.05.24	160	<5.0	16	<10	NA	NA
	12.12.24	130	<2.0	41	<4.0	NA	NA
	05.22.25	<1.0	<1.0	<2.0	<3.0	NA	NA
	08.06.25	73	<1.0	19.0	3.4	NA	NA
	11.05.25	52	9.38	12.6	20.8	NA	NA



TABLE 1							
Lateral K-51 Pipeline Release (2010)							
GROUNDWATER ANALYTICAL SUMMARY							
Sample I.D.	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		5	1,000	700	620	NE	NE
MW-20	3.20.12	35	<1.0	1.1	3.3	0.14	<1.0
	6.19.12	3.4	<1.0	<1.0	<2.0	<0.050	<1.0
	9.20.12*	4.7	<1.0	<1.0	<2.0	<0.050	<1.0
	12.17.12*	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	3.25.13*	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	6.27.13*	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.22.13*	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	12.16.13*	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.14*	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	11.6.14*	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.29.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.1.15	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.26.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.7.16	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.30.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.7.17	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.31.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.2.18	<1.0	<1.0	<1.0	<1.5	NA	NA
	9.25.19	<1.0	<1.0	<1.0	<2.0	NA	NA
	1.31.20	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.12.20	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.28.21	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.22.21	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.20.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	11.8.22	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.26.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.20.23	<1.0	<1.0	<1.0	<2.0	NA	NA
	06.05.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	12.12.24	<1.0	<1.0	<1.0	<2.0	NA	NA
	05.23.25	<1.0	<1.0	<2.0	<2.0	NA	NA
	11.05.25	<1.0	<1.0	<2.0	<2.0	NA	NA

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

^A = This monitoring well was not sampled during this sampling event. On June 8, 2020 the New Mexico EMNRD OCD approved Enterprise's request to reduce sampling events in MW-3, MW-11, MW-12, and MW-13 to annual events.

* = Monitoring well purged/sampled utilizing disposable bailer during this event

µ g/L = micrograms per liter

mg/L = milligrams per liter

NA = Not Analyzed

NS = Not Sampled

NE = Not Established

NAPL = Non-aqueous phase liquid

* = piezometer well was replaced with associated monitoring well

NAPL = Non-aqueous phase liquid

TPH = Total Petroleum Hydrocarbon

GRO = Gasoline Range Organics

DRO = Diesel Range Organics



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	11.80	ND	17.71	7.71-17.71	6300.89	6289.09
	6.21.11	ND	12.16	ND				6288.73
	9.22.11	ND	12.92	ND				6287.97
	12.13.11	ND	12.45	ND				6288.44
	3.20.12	ND	12.13	ND				6288.76
	6.19.12	ND	12.76	ND				6288.13
	9.19.12	ND	13.10	ND				6287.79
	12.17.12	ND	12.33	ND				6288.56
	3.15.13	ND	11.88	ND				6289.01
	6.27.13	ND	12.61	ND				6288.28
	10.22.13	ND	11.71	ND				6289.18
	12.12.13	ND	11.35	ND				6289.54
	4.18.14	ND	11.04	ND				6289.85
	11.6.14	ND	11.56	ND				6289.33
	5.28.15	ND	10.86	ND				6290.03
	11.30.15	ND	10.90	ND				6289.99
	5.25.16	ND	10.52	ND				6290.37
	11.07.16	ND	11.42	ND				6289.47
	5.26.17	ND	10.41	ND				6290.48
	12.06.17	ND	10.53	ND				6290.36
	5.30.18	ND	10.67	ND				6290.22
	11.01.18	ND	11.59	ND				6289.30
	9.20.19	ND	12.08	ND				6288.81
	1.31.20	ND	11.13	ND				6289.76
	5.8.20	ND	10.81	ND				6290.08
	11.11.20	ND	11.55	ND				6289.34
	5.28.21	ND	10.92	ND				6289.97
	11.22.21	ND	11.69	ND				6289.20
	5.19.22	ND	10.86	ND				6290.03
	11.8.22	ND	9.88	ND				6291.01
	5.25.23	ND	9.14	ND				6291.75
	11.20.23	ND	10.79	ND				6290.10
	6.4.24	ND	10.52	ND				6290.37
	12.12.24	ND	10.80	ND				6290.09
	5.23.25	ND	10.51	ND				6290.38
	11.4.25	ND	11.47	ND				6289.42



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	10.55	ND	18.45	8.45-18.45	6299.82	6289.27
	6.21.11	ND	11.87	ND				6287.95
	9.22.11	ND	11.86	ND				6287.96
	12.13.11	ND	11.38	ND				6288.44
	3.20.12	ND	10.95	ND				6288.87
	6.19.12	ND	11.64	ND				6288.18
	9.19.12	ND	12.10	ND				6287.72
	12.17.12	ND	11.23	ND				6288.59
	3.15.13	ND	10.65	ND				6289.17
	6.27.13	ND	11.44	ND				6288.38
	10.21.13	ND	10.44	ND				6289.38
	12.12.13	ND	10.09	ND				6289.73
	4.17.14	ND	9.73	ND				6290.09
	11.6.14	ND	10.33	ND				6289.49
	5.28.15	ND	9.61	ND				6290.21
	11.30.15	ND	9.67	ND				6290.15
	5.25.16	ND	9.34	ND				6290.48
	11.07.16	ND	10.24	ND				6289.58
	5.26.17	ND	9.23	ND				6290.59
	12.06.17	ND	9.33	ND				6290.49
	5.30.18	ND	9.46	ND				6290.36
	11.01.18	ND	10.43	ND				6289.39
	9.20.19	ND	10.95	ND				6288.87
	1.31.20	ND	9.91	ND				6289.91
	5.8.20	ND	9.55	ND				6290.27
	11.11.20	ND	10.35	ND				6289.47
	5.28.21	ND	9.68	ND				6290.14
	11.22.21	ND	10.53	ND				6289.29
	5.19.22	ND	9.62	ND				6290.20
	11.8.22	ND	8.68	ND				6291.14
	5.25.23	ND	8.00	ND				6291.82
	11.20.23	ND	9.60	ND				6290.22
	6.4.24	ND	9.35	ND				6290.47
	12.12.24	ND	9.56	ND				6290.26
	5.23.25	ND	9.29	ND				6290.53
	11.4.25	ND	10.30	ND				6289.52



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	11.30	ND	18.39	8.39-18.39	6300.22	6288.92
	6.21.11	ND	11.64	ND				6288.58
	9.22.11	ND	12.45	ND				6287.77
	12.13.11	ND	11.89	ND				6288.33
	3.20.12	ND	11.60	ND				6288.62
	6.19.12	ND	12.22	ND				6288.00
	9.19.12	ND	12.53	ND				6287.69
	12.17.12	ND	11.75	ND				6288.47
	3.15.13	ND	11.37	ND				6288.85
	6.27.13	ND	12.06	ND				6288.16
	10.21.13	ND	11.12	ND				6289.10
	12.12.13	ND	10.84	ND				6289.38
	4.17.14	ND	10.55	ND				6289.67
	11.6.14	ND	11.02	ND				6289.20
	5.28.15	ND	10.37	ND				6289.85
	11.30.15	ND	10.40	ND				6289.82
	5.25.16	ND	10.10	ND				6290.12
	11.07.16	ND	10.90	ND				6289.32
	5.26.17	ND	10.00	ND				6290.22
	12.06.17	ND	10.05	ND				6290.17
	5.30.18	ND	10.14	ND				6290.08
	11.01.18	ND	11.07	ND				6289.15
	9.20.19	ND	11.53	ND				6288.69
	1.31.20	ND	10.62	ND				6289.60
	5.11.20	ND	10.31	ND				6289.91
	11.11.20	ND	11.03	ND				6289.19
	5.28.21	ND	10.42	ND				6289.80
	11.22.21	ND	11.16	ND				6289.06
	5.19.22	ND	10.34	ND				6289.88
	11.8.22	ND	9.38	ND				6290.84
	5.25.23	ND	8.68	ND				6291.54
	11.20.23	ND	10.29	ND				6289.93
	6.4.24	ND	10.01	ND				6290.21
	12.12.24	ND	10.30	ND				6289.92
	5.22.25	ND	10.06	ND				6290.16



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	11.90	ND	19.47	9.47-19.47	6300.91	6289.01
	6.21.11	ND	12.18	ND				6288.73
	9.22.11	ND	12.90	ND				6288.01
	12.13.11	ND	12.41	ND				6288.50
	3.20.12	ND	12.45	ND				6288.46
	6.19.12	ND	12.72	ND				6288.19
	9.19.12	ND	13.09	ND				6287.82
	12.17.12	ND	12.33	ND				6288.58
	3.15.13	ND	11.85	ND				6289.06
	6.27.13	ND	12.60	ND				6288.31
	10.22.13	ND	11.74	ND				6289.17
	12.12.13	ND	11.37	ND				6289.54
	4.17.14	ND	11.05	ND				6289.86
	11.6.14	ND	11.58	ND				6289.33
	5.28.15	ND	10.91	ND				6290.00
	11.30.15	ND	10.94	ND				6289.97
	5.25.16	ND	10.59	ND				6290.32
	11.07.16	ND	11.43	ND				6289.48
	5.26.17	ND	10.47	ND				6290.44
	12.06.17	ND	10.60	ND				6290.31
	5.30.18	ND	10.69	ND				6290.22
	11.01.18	ND	11.58	ND				6289.33
	9.20.19	ND	12.04	ND				6288.87
	1.31.20	ND	11.14	ND				6289.77
	5.8.20	ND	10.83	ND				6290.08
	11.11.20	ND	11.54	ND				6289.37
	5.28.21	ND	10.98	ND				6289.93
	11.22.21	ND	11.66	ND				6289.25
	5.19.22	ND	10.89	ND				6290.02
	11.8.22	ND	9.87	ND				6291.04
	5.25.23	ND	9.10	ND				6291.81
	11.20.23	ND	10.71	ND				6290.20
	6.4.24	ND	10.51	ND				6290.40
	12.12.24	ND	10.80	ND				6290.11
	5.23.25	ND	10.55	ND				6290.36
	11.4.25	ND	11.44	ND				6289.47



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	11.98	ND	19.07	9.07-19.07	6301.19	6289.21
	6.21.11	ND	12.40	ND				6288.79
	9.22.11	ND	13.07	ND				6288.12
	12.13.11	ND	12.55	ND				6288.64
	3.20.12	ND	12.26	ND				6288.93
	6.19.12	ND	12.93	ND				6288.26
	9.19.12	ND	13.27	ND				6287.92
	12.17.12	ND	12.51	ND				6288.68
	3.15.13	ND	12.05	ND				6289.14
	6.27.13	ND	12.82	ND				6288.37
	10.21.13	ND	11.94	ND				6289.25
	12.12.13	ND	11.61	ND				6289.58
	4.17.14	ND	11.25	ND				6289.94
	11.6.14	ND	11.80	ND				6289.39
	5.28.15	ND	11.12	ND				6290.07
	11.30.15	ND	11.18	ND				6290.01
	5.25.16	ND	10.79	ND				6290.40
	11.07.16	ND	11.66	ND				6289.53
	5.26.17	ND	10.66	ND				6290.53
	12.06.17	ND	10.82	ND				6290.37
	5.30.18	ND	10.88	ND				6290.31
	11.01.18	ND	11.82	ND				6289.37
	9.20.19	ND	12.26	ND				6288.93
	1.31.20	ND	11.39	ND				6289.80
	5.8.20	ND	11.07	ND				6290.12
	11.11.20	ND	11.79	ND				6289.40
	5.28.21	ND	11.24	ND				6289.95
	11.22.21	ND	11.92	ND				6289.27
	5.19.22	ND	11.16	ND				6290.03
	11.8.22	ND	10.09	ND				6291.10
	5.25.23	ND	9.26	ND				6291.93
	11.20.23	ND	11.04	ND				6290.15
	6.4.24	ND	10.72	ND				6290.47
	12.12.24	ND	11.05	ND				6290.14
	5.22.25	ND	10.78	ND				6290.41



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	8.96	ND	18.03	8.03-18.03	6299.08	6290.12
	6.21.11	ND	9.42	ND				6289.66
	9.22.11	ND	10.82	ND				6288.26
	12.13.11	ND	10.13	ND				6288.95
	3.20.12	ND	9.41	ND				6289.67
	6.19.12	ND	10.09	ND				6288.99
	9.19.12	ND	11.03	ND				6288.05
	12.17.12	ND	10.21	ND				6288.87
	3.15.13	ND	9.26	ND				6289.82
	6.27.13	ND	9.99	ND				6289.09
	10.21.13	ND	9.09	ND				6289.99
	12.12.13	ND	8.78	ND				6290.30
	4.17.14	ND	8.44	ND				6290.64
	11.6.14	ND	9.05	ND				6290.03
	5.28.15	ND	8.34	ND				6290.74
	11.30.15	ND	8.44	ND				6290.64
	5.25.16	ND	8.11	ND				6290.97
	11.07.16	ND	8.87	ND				6290.21
	5.26.17	ND	8.01	ND				6291.07
	12.06.17	ND	8.12	ND				6290.96
	5.30.18	ND	8.27	ND				6290.81
	11.01.18	ND	9.17	ND				6289.91
	9.20.19	ND	9.68	ND				6289.40
	1.31.20	ND	8.71	ND				6290.37
	5.8.20	ND	8.34	ND				6290.74
	11.11.20	ND	9.10	ND				6289.98
	5.28.21	ND	8.48	ND				6290.60
	11.22.21	ND	9.30	ND				6289.78
	5.19.22	ND	8.43	ND				6290.65
	11.8.22	ND	7.48	ND				6291.60
	5.25.23	ND	6.82	ND				6292.26
	11.20.23	ND	8.41	ND				6290.67
	6.4.24	ND	8.20	ND				6290.88
	12.12.24	ND	8.35	ND				6290.73
	5.22.25	ND	8.17	ND				6290.91



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	9.07	ND	17.90	7.90-17.90	6298.27	6289.20
	6.21.11	ND	9.51	ND				6288.76
	9.22.11	ND	10.15	ND				6288.12
	12.13.11	ND	9.59	ND				6288.68
	3.20.12	ND	9.35	ND				6288.92
	6.19.12	ND	10.09	ND				6288.18
	9.19.12	ND	10.29	ND				6287.98
	12.17.12	ND	9.47	ND				6288.80
	3.15.13	ND	9.11	ND				6289.16
	6.27.13	ND	9.94	ND				6288.33
	10.21.13	ND	8.91	ND				6289.36
	12.12.13	ND	8.57	ND				6289.70
	4.17.14	ND	8.39	ND				6289.88
	11.6.14	ND	8.83	ND				6289.44
	5.28.15	ND	8.32	ND				6289.95
	11.30.15	ND	8.21	ND				6290.06
	5.25.16	ND	8.01	ND				6290.26
	11.07.16	ND	8.67	ND				6289.60
	5.26.17	ND	7.83	ND				6290.44
	12.06.17	ND	7.90	ND				6290.37
	5.30.18	ND	8.08	ND				6290.19
	11.01.18	ND	8.84	ND				6289.43
	9.20.19	ND	9.36	ND				6288.91
	1.31.20	ND	8.40	ND				6289.87
	5.11.20	ND	8.17	ND				6290.10
	11.11.20	ND	8.82	ND				6289.45
	5.28.21	ND	8.29	ND				6289.98
	11.22.21	ND	8.93	ND				6289.34
	5.19.22	ND	8.18	ND				6290.09
	11.8.22	ND	7.24	ND				6291.03
	5.25.23	ND	6.59	ND				6291.68
	11.20.23	ND	8.15	ND				6290.12
	6.4.24	ND	7.92	ND				6290.35
	12.12.24	ND	8.15	ND				6290.12
	5.22.25	ND	7.95	ND				6290.32



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	12.54	ND	18.88	8.88-18.88	6301.20	6288.66
	6.21.11	ND	12.88	ND				6288.32
	9.22.11	ND	13.53	ND				6287.67
	12.13.11	ND	13.11	ND				6288.09
	3.20.12	ND	12.80	ND				6288.40
	6.19.12	ND	13.42	ND				6287.78
	9.19.12	ND	13.70	ND				6287.50
	12.17.12	ND	12.93	ND				6288.27
	3.15.13	ND	12.55	ND				6288.65
	6.27.13	ND	13.26	ND				6287.94
	10.22.13	ND	12.39	ND				6288.81
	12.12.13	ND	12.06	ND				6289.14
	4.18.14	ND	11.79	ND				6289.41
	11.6.14	ND	12.23	ND				6288.97
	5.28.15	ND	11.67	ND				6289.53
	11.30.15	ND	11.62	ND				6289.58
	5.25.16	ND	11.35	ND				6289.85
	11.07.16	ND	12.09	ND				6289.11
	5.26.17	ND	11.24	ND				6289.96
	12.06.17	ND	11.27	ND				6289.93
	5.30.18	ND	11.36	ND				6289.84
	11.01.18	ND	12.23	ND				6288.97
	9.20.19	ND	12.68	ND				6288.52
	1.31.20	ND	11.78	ND				6289.42
	5.11.20	ND	11.54	ND				6289.66
	11.11.20	ND	12.19	ND				6289.01
	5.28.21	ND	11.65	ND				6289.55
	11.22.21	ND	12.29	ND				6288.91
	5.19.22	ND	11.57	ND				6289.63
	11.8.22	ND	10.60	ND				6290.60
	5.25.23	ND	9.88	ND				6291.32
	11.20.23	ND	11.46	ND				6289.74
	6.4.24	ND	11.19	ND				6290.01
	12.12.24	ND	11.48	ND				6289.72
	5.23.25	ND	11.25	ND				6289.95
	11.4.25	ND	12.10	ND				6289.10



TABLE 2 Lateral K-51 Pipeline Release (2010) 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-16	4.21.11	ND	12.06	ND	18.01	8.01-18.01	6299.89	6287.83
	6.21.11	ND	12.26	ND				6287.63
	9.22.11	ND	12.57	ND				6287.32
	12.13.11	ND	12.28	ND				6287.61
	3.20.12	ND	12.24	ND				6287.65
	6.19.12	ND	12.71	ND				6287.18
	9.19.12	ND	12.80	ND				6287.09
	12.17.12	ND	11.90	ND				6287.99
	3.15.13	ND	11.80	ND				6288.09
	6.27.13	ND	12.37	ND				6287.52
	10.21.13	ND	11.32	ND				6288.57
	12.12.13	ND	10.92	ND				6288.97
	4.17.14	ND	10.76	ND				6289.13
	11.6.14	ND	10.99	ND				6288.90
	5.28.15	ND	10.56	ND				6289.33
	11.30.15	ND	10.39	ND				6289.50
	5.25.16	ND	10.10	ND				6289.79
	11.07.16	ND	10.86	ND				6289.03
	5.26.17	ND	10.02	ND				6289.87
	12.06.17	ND	10.01	ND				6289.88
	5.30.18	ND	10.11	ND				6289.78
	11.01.18	ND	11.02	ND				6288.87
	9.20.19	ND	11.35	ND				6288.54
	1.31.20	ND	10.60	ND				6289.29
	5.11.20	ND	10.32	ND				6289.57
	11.11.20	ND	10.96	ND				6288.93
	5.28.21	ND	10.36	ND				6289.53
	11.22.21 ^A	ND	11.57	ND				6288.32
	5.19.22	ND	10.17	ND				6289.72
	11.8.22	ND	9.28	ND				6290.61
	5.25.23	ND	8.64	ND				6291.25
	11.20.23	ND	10.22	ND				6289.67
	6.4.24	ND	9.93	ND				6289.96
	12.12.24	ND	10.20	ND				6289.69
	5.23.25	ND	9.94	ND				6289.95
	11.4.25	ND	10.87	ND				6289.02



TABLE 2 Lateral K-51 Pipeline Release (2010) 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	4.21.11	ND	9.90	ND	18.16	8.16-18.16	6298.57	6288.67
	6.21.11	ND	9.56	ND				6289.01
	9.22.11	ND	10.83	ND				6287.74
	12.13.11	ND	10.31	ND				6288.26
	3.20.12	ND	10.12	ND				6288.45
	6.19.12	ND	10.81	ND				6287.76
	9.19.12	ND	10.95	ND				6287.62
	12.17.12	ND	10.13	ND				6288.44
	3.15.13	ND	9.85	ND				6288.72
	6.27.13	ND	10.62	ND				6287.95
	10.21.13	ND	9.61	ND				6288.96
	12.12.13	ND	9.28	ND				6289.29
	4.17.14	ND	9.13	ND				6289.44
	11.6.14	ND	9.47	ND				6289.10
	5.28.15	ND	9.00	ND				6289.57
	11.30.15	ND	8.87	ND				6289.70
	5.25.16	ND	8.65	ND				6289.92
	11.07.16	ND	9.32	ND				6289.25
	5.26.17	ND	8.56	ND				6290.01
	12.06.17	ND	8.52	ND				6290.05
	5.30.18	ND	8.68	ND				6289.89
	11.01.18	ND	9.48	ND				6289.09
	9.20.19	ND	9.97	ND				6288.60
	1.31.20	ND	9.05	ND				6289.52
	5.11.20	ND	8.83	ND				6289.74
	11.11.20	ND	9.45	ND				6289.12
	5.28.21	ND	8.91	ND				6289.66
	11.22.21	ND	9.56	ND				6289.01
	5.19.22	ND	8.81	ND				6289.76
	11.8.22	ND	7.82	ND				6290.75
	5.25.23	ND	7.17	ND				6291.40
	11.20.23	ND	8.76	ND				6289.81
	6.4.24	ND	8.51	ND				6290.06
	12.12.24	ND	8.78	ND				6289.79
	5.23.25	ND	8.52	ND				6290.05
	11.4.25	ND	9.38	ND				6289.19



TABLE 2 Lateral K-51 Pipeline Release (2010) 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-18	3.20.12	ND	16.60	ND	NA	NA	6304.77	6288.17
	6.19.12	ND	17.42	ND				6287.35
	9.19.12	ND	17.45	ND				6287.32
	12.17.12	ND	16.73	ND				6288.04
	3.15.13	Blockage						Blockage
	6.27.13	Blockage						Blockage
	10.22.13	Blockage						Blockage
	12.12.13	Blockage						Blockage
	4.17.14	Blockage						Blockage
	11.6.14	Blockage						Blockage
	5.28.15	Blockage						Blockage
	11.30.15	Blockage						Blockage
	5.25.16	Blockage						Blockage
	11.07.16	Blockage						Blockage
	5.26.17	ND	15.12	ND				6289.65
	12.06.17	ND	15.31	ND				6289.46
	5.30.18	Blockage						Blockage
	11.01.18	Blockage						Blockage
	9.20.19	Blockage						Blockage
	1.31.20	Blockage						Blockage
	5.8.20	Blockage						Blockage
	11.11.20	Blockage						Blockage
	5.28.21	Blockage						Blockage
	11.22.21	Blockage						Blockage
	5.19.22	Blockage						Blockage
	11.8.22	Blockage						Blockage
	5.25.23 ^C	ND	13.98	ND				6284.59
	11.20.23	Blockage						Blockage
	6.4.24	Blockage						Blockage
	12.12.24	Blockage						Blockage
	6.26.25	Plugged & Abandoned						
MW-18R	7/10/25	ND	15.36	ND	23	5 - 20	6303.34	6287.98
	11.4.25	ND	15.35	ND				6287.99



TABLE 2 Lateral K-51 Pipeline Release (2010) 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-19	3.20.12	ND	15.69	ND	23.22	13.22-23.22	6303.80	6288.11
	6.19.12 ^B	16.25	16.32	0.07				6287.52
	9.19.12 ^B	16.47	16.49	0.02				6287.32
	12.17.12	ND	15.91	ND				6287.89
	3.15.13	ND	15.38	ND				6288.42
	6.27.13	ND	16.19	ND				6287.61
	10.22.13	ND	15.13	ND				6288.67
	12.12.13	ND	14.78	ND				6289.02
	4.18.14	ND	14.68	ND				6289.12
	11.6.14	ND	14.99	ND				6288.81
	5.28.15	ND	14.60	ND				6289.20
	11.30.15	ND	14.38	ND				6289.42
	5.25.16	ND	14.28	ND				6289.52
	11.07.16	ND	14.83	ND				6288.97
	5.26.17	ND	14.20	ND				6289.60
	12.06.17	ND	14.08	ND				6289.72
	5.30.18	ND	14.27	ND				6289.53
	11.01.18	ND	15.00	ND				6288.80
	9.20.19	ND	15.47	ND				6288.33
	1.31.20	ND	14.56	ND				6289.24
	5.11.20	ND	14.40	ND				6289.40
	11.11.20	ND	14.98	ND				6288.82
	5.28.21	ND	14.53	ND				6289.27
	11.22.21	ND	15.05	ND				6288.75
	5.19.22	ND	14.40	ND				6289.40
	11.8.22	ND	13.48	ND				6290.32
	5.25.23	ND	12.67	ND				6291.13
	11.20.23	ND	14.30	ND				6289.50
	6.4.24	ND	14.11	ND				6289.69
	12.12.24	ND	14.33	ND				6289.47
	5.22.25	ND	14.17	ND				6289.63
	8.06.25	ND	15.33	ND				6288.47
	11.4.25	ND	14.88	ND				6288.92



TABLE 2 Lateral K-51 Pipeline Release (2010) 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-20	3.20.12	ND	25.82	ND	30.51	20.51-30.51	6312.59	6286.77
	6.19.12	ND	26.30	ND				6286.29
	9.19.12	ND	26.31	ND				6286.28
	12.17.12	ND	25.42	ND				6287.17
	3.15.13	ND	25.38	ND				6287.21
	6.27.13	ND	26.11	ND				6286.48
	10.22.13	ND	24.98	ND				6287.61
	12.12.13	ND	24.57	ND				6288.02
	4.17.14	ND	24.66	ND				6287.93
	11.6.14	ND	24.81	ND				6287.78
	5.28.15	ND	24.80	ND				6287.79
	11.30.15	ND	24.15	ND				6288.44
	5.25.16	ND	24.28	ND				6288.31
	11.07.16	ND	24.48	ND				6288.11
	5.26.17	ND	24.37	ND				6288.22
	12.06.17	ND	23.95	ND				6288.64
	5.30.18	ND	24.29	ND				6288.30
	11.01.18	ND	24.69	ND				6287.90
	9.20.19	ND	25.35	ND				6287.24
	1.31.20	ND	24.26	ND				6288.33
	5.11.20	ND	24.30	ND				6288.29
	11.11.20	ND	24.73	ND				6287.86
	5.28.21	ND	24.43	ND				6288.16
	11.22.21	ND	24.70	ND				6287.89
	5.19.22	ND	24.17	ND				6288.42
	11.8.22	ND	23.40	ND				6289.19
	5.25.23	ND	22.91	ND				6289.68
	11.20.23	ND	24.10	ND				6288.49
	6.4.24	ND	24.05	ND				6288.54
	12.12.24	ND	24.20	ND				6288.39
	5.23.25	ND	24.10	ND				6288.49
	11.4.25	ND	24.52	ND				6288.07

BTOC - below top of casing

TOC - top of casing

* - corrected for presence of phase-separated hydrocarbon using a site-specific density correction factor of 0.63. Groundwater elevations at each well are listed in feet above mean sea level (AMSL) as measured from the TOC.

Basis of elevation: As measured at set temporary bench mark (elevation = 6296.14'), as indicated by the professional surveyor.

A - Suspected misgauge.

B - No visual verification. May not be hydrocarbon.

C - The anomalous elevation suggests that the gauged water represents rainwater that was trapped above the collapsed screen due to the recent high amounts of precipitation. This elevation was not used in creating the groundwater gradient.

NA - Not Available

ND - Not Detected



APPENDIX B

Laboratory Data Sheets & Chain of Custody Documentation



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
jeremy.allen@greenanalytical.com

03 June 2025

Joe Gable
Ensolum, LLC
848 E 2nd Ave
Durango, CO 81301
RE: Lateral K-51

Enclosed are the results of analyses for samples received by the laboratory on 05/27/25 10:40. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, reading 'Jeremy D. Allen', is displayed on a light blue rectangular background.

Report Station For Jeremy D Allen
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
MW-3	2505350-01	Water	05/22/25 12:49	05/27/25 10:40	
MW-11	2505350-02	Water	05/22/25 11:55	05/27/25 10:40	
MW-12	2505350-03	Water	05/22/25 10:58	05/27/25 10:40	
MW-13	2505350-04	Water	05/22/25 10:21	05/27/25 10:40	
MW-19	2505350-05	Water	05/22/25 13:50	05/27/25 10:40	
MW-1	2505350-06	Water	05/23/25 10:39	05/27/25 10:40	
MW-2	2505350-07	Water	05/23/25 11:06	05/27/25 10:40	
MW-4	2505350-08	Water	05/23/25 10:09	05/27/25 10:40	
MW-14	2505350-09	Water	05/23/25 12:12	05/27/25 10:40	
MW-16	2505350-10	Water	05/23/25 11:39	05/27/25 10:40	
MW-17	2505350-11	Water	05/23/25 09:28	05/27/25 10:40	
MW-20	2505350-12	Water	05/23/25 12:41	05/27/25 10:40	

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.



Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-3

2505350-01 (Ground Water)

Sampled Date: 05/22/25 12:49

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 11:39	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 11:39	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 11:39	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 11:39	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 11:39	8021B		JH

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125 05/29/25 11:39 8021B JH

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-11

2505350-02 (Ground Water)

Sampled Date: 05/22/25 11:55

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 11:54	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 11:54	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 11:54	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 11:54	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 11:54	8021B		JH

Surrogate: 4-Bromofluorobenzene (PID)

103 % 77.5-125

05/29/25
11:54

8021B

JH

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Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-12

2505350-03 (Ground Water)

Sampled Date: 05/22/25 10:58

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:09	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:09	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:09	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 12:09	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 12:09	8021B		JH

Surrogate: 4-Bromofluorobenzene (PID)	104 %	77.5-125		05/29/25 12:09	8021B	JH
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A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-13

2505350-04 (Ground Water)

Sampled Date: 05/22/25 10:21

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:23	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:23	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:23	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 12:23	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 12:23	8021B		JH

Surrogate: 4-Bromofluorobenzene (PID)

103 % 77.5-125

05/29/25
12:23

8021B

JH

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A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-19

2505350-05 (Ground Water)

Sampled Date: 05/22/25 13:50

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

PH-1

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:38	8021B		JH
Ethylbenzene*	0.002	0.001	0.0004	mg/L	1	05/29/25 12:38	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:38	8021B	GC-NC	JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 12:38	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 12:38	8021B		JH

Surrogate: 4-Bromofluorobenzene (PID)

106 % 77.5-125

05/29/25
12:38

8021B

JH

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A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-1

2505350-06 (Ground Water)

Sampled Date: 05/23/25 10:39

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:53	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:53	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 12:53	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 12:53	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 12:53	8021B		JH

Surrogate: 4-Bromofluorobenzene (PID)

102 % 77.5-125

05/29/25
12:53

8021B

JH

Green Analytical Laboratories

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-2

2505350-07 (Ground Water)

Sampled Date: 05/23/25 11:06

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:08	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:08	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:08	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 13:08	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 13:08	8021B		JH
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	77.5-125		05/29/25 13:08	8021B		JH

Green Analytical Laboratories

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-4

2505350-08 (Ground Water)

Sampled Date: 05/23/25 10:09

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
---------	--------	----	-----	-------	----------	----------	--------	-------	---------

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:23	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:23	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:23	8021B	GC-NC	JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 13:23	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 13:23	8021B		JH

Surrogate: 4-Bromofluorobenzene (PID)

106 % 77.5-125

05/29/25
13:23

8021B

JH

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-14

2505350-09 (Ground Water)

Sampled Date: 05/23/25 12:12

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:38	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:38	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:38	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 13:38	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 13:38	8021B		JH
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		104 %	77.5-125			05/29/25 13:38	8021B		JH

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-16

2505350-10 (Ground Water)

Sampled Date: 05/23/25 11:39

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:53	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:53	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 13:53	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 13:53	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 13:53	8021B		JH
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		<i>105 %</i>	<i>77.5-125</i>			<i>05/29/25 13:53</i>	<i>8021B</i>		<i>JH</i>

Green Analytical Laboratories

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Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-17

2505350-11 (Ground Water)

Sampled Date: 05/23/25 09:28

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 14:08	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 14:08	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 14:08	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 14:08	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 14:08	8021B		JH
Surrogate: 4-Bromofluorobenzene (PID)			102 %	77.5-125		05/29/25 14:08	8021B		JH

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Report Station For Jeremy D Allen, Laboratory Director

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

MW-20

2505350-12 (Ground Water)

Sampled Date: 05/23/25 12:41

Sampled By:

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 14:23	8021B		JH
Ethylbenzene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 14:23	8021B		JH
Toluene*	<0.001	0.001	0.0004	mg/L	1	05/29/25 14:23	8021B		JH
Total BTEX	<0.006	0.006	0.002	mg/L	1	05/29/25 14:23	8021B		JH
Total Xylenes*	<0.003	0.003	0.001	mg/L	1	05/29/25 14:23	8021B		JH
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		<i>106 %</i>	<i>77.5-125</i>			<i>05/29/25 14:23</i>	<i>8021B</i>		<i>JH</i>

Green Analytical Laboratories

Report Station For Jeremy D Allen, Laboratory Director

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Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5052826 - Volatiles

Blank (5052826-BLK1)

Prepared: 05/28/25 Analyzed: 05/29/25

Surrogate: 4-Bromofluorobenzene (PID)	0.0531		mg/L	0.0500		106	77.5-125			
Benzene	ND	0.001	mg/L							
Ethylbenzene	ND	0.001	mg/L							
Toluene	ND	0.001	mg/L							
Total BTEX	ND	0.006	mg/L							
Total Xylenes	ND	0.003	mg/L							

LCS (5052826-BS1)

Prepared: 05/28/25 Analyzed: 05/29/25

Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/L	0.0500		101	77.5-125			
Benzene	0.019	0.001	mg/L	0.0200		94.1	80.8-112			
Ethylbenzene	0.019	0.001	mg/L	0.0200		96.8	70.9-120			
m,p-Xylene	0.039	0.002	mg/L	0.0400		96.5	76.9-119			
o-Xylene	0.019	0.001	mg/L	0.0200		95.4	71.7-120			
Toluene	0.020	0.001	mg/L	0.0200		98.7	78.7-114			
Total Xylenes	0.058	0.003	mg/L	0.0600		96.2	75.6-119			

LCS Dup (5052826-BS1)

Prepared: 05/28/25 Analyzed: 05/29/25

Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/L	0.0500		103	77.5-125			
Benzene	0.019	0.001	mg/L	0.0200		94.2	80.8-112	0.0956	8.26	
Ethylbenzene	0.019	0.001	mg/L	0.0200		97.1	70.9-120	0.309	11.9	
m,p-Xylene	0.039	0.002	mg/L	0.0400		97.6	76.9-119	1.15	11	
o-Xylene	0.019	0.001	mg/L	0.0200		96.8	71.7-120	1.42	15	
Toluene	0.020	0.001	mg/L	0.0200		98.9	78.7-114	0.253	9.03	
Total Xylenes	0.058	0.003	mg/L	0.0600		97.4	75.6-119	1.24	12.2	

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Ensolum, LLC
848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

Notes and Definitions

PH-1	Insufficient preservative to reduce the sample pH to less than 2. Sample was analyzed within 7 days recommended for volatile analysis without preservative.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis *Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

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848 E 2nd Ave
Durango CO, 81301

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: Lateral K-51
Project Manager: Joe Gable

Reported:
06/03/25 14:41

Qualifier Summary

<u>LabNumber</u>	<u>Analysis</u>	<u>Analyte</u>	<u>Qualifier</u>	<u>TextBody</u>
2505350-05	BTEX 8021B		PH-1	Insufficient preservative to reduce the sample pH to less than 2. Sample was analyzed within 7 days recommended for volatile analysis without preservative.
2505350-05	BTEX 8021B	Toluene	GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
2505350-08	BTEX 8021B	Toluene	GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

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**75 Suttle Street
Durango, CO 81303
(970) 247-4220**

Note: Write-Out™ or similar products cannot be used on the Chain of Custody

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
FORM-006, R 8.0

Company or Client:								Ensolium, LLC						Bill to (if different):									ANALYSIS REQUEST																		
Address:								848 E 2nd Ave																																	
City:								Durango						State: CO Zip: 81301																											
Phone #:																																									
Contact Person:								Joe Gable																																	
Email Report to:								jgable@ensolum.com																																	
Project Name(optional):								Lateral K-51						P.O. #: 0581226012																											
Sampler Name (Print):								Tracy Dembrowski						Rush? TAT Needed? Y ☐ N ☒									BTEx 8021																		
Lab I.D.								Sample Name or Location						Collected																											
Lab Use Only								Date						Time						GROUNDWATER SURFACE WATER WASTEWATER PRODUCED WATER DRINKING WATER SOIL OTHER: No preservation Nitric Acid Hydrochloric Acid Sulfuric Acid Sodium Hydroxide OTHER:																					
01								MW-3						5/22/25						1249						✓															
02								MW-11						5/22/25						1155						✓															
03								MW-12						5/22/25						1058						✓															
04								MW-13						5/22/25						1021						✓															
05								MW-19						5/22/25						1350						✓															
06								MW-1						5/23/25						1039						✓															
07								MW-2						5/23/25						1106						✓															
08								MW-4						5/23/25						1009						✓															
09								MW-14						5/23/25						1212						✓															
10								MW-16						5/23/25						1139						✓															
PLEASE NOTE: GAL's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by GAL within 30 days after completion of the applicable service. In no event shall GAL be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																																									
Relinquished By:														Date: 5/22/25				Received By:				Date: 5/22/25				ADDITIONAL REMARKS:															
Relinquished By:														Time: 1040				Received By:				Time: 1040				Please CC: Tom Long, tjlong@eproduct.com Tracy Dembrowski, tdembrowski@ensolum.com															
Relinquished By:														Date:				Received By:				Date:				Temperature at receipt: 58/49 °C Checked by: JMM On Ice? Y Therm. used: [initials]															



75 Suttle Street
Durango, CO 81303
(970) 247-4220

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
FORM-006, R 8.0

Note: Write-Out™ or similar products cannot be used on the Chain of Custody

Company or Client:				Ensolum, LLC				Bill to (if different):				ANALYSIS REQUEST											
Address:				848 E 2nd Ave																			
City:				Durango				State:				CO Zip: 81301											
Phone #:																							
Contact Person:				Joe Gable																			
Email Report to:				jgable@ensolum.com																			
Project Name(optional):				Lateral K-51				P.O. #: 0581226012															
Sampler Name (Print):				Tracy Dembrowski				Rush? ☐ N ☒ Y				TAT Needed? ☐ ☒											
												BTEX 8021											
Lab I.D. 2505-350 Lab Use Only				Sample Name or Location				Collected				Matrix (check one)				# of containers							
								Date				Time				GROUNDWATER							
																SURFACE WATER							
																WASTEWATER							
																PRODUCED WATER							
																DRINKING WATER							
																SOIL							
																OTHER:							
																No preservation							
																Nitric Acid							
1) MW-17				5/23/25				0928				☒				☒							
2) MW-20				5/23/25				1241				☒				☒							
3)																							
4)																							
5)																							
6)																							
7)																							
8)																							
9)																							
10)																							

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Relinquished By:	Date: 5/27/25	Received By:	Date: 5/27/25	ADDITIONAL REMARKS:			
Relinquished By:	Date: 10/4/20	Received By:	Date: 10/10/20	Please CC: Tom Long, tlong@eprprod.com			
Relinquished By:	Date:	Received By:	Date:	Tracy Dembrowski, tdembrowski@ensolum.com			
Relinquished By:	Date:	Received By:	Date:	Temperature at receipt: 5.8/4.9 °C			
Relinquished By:	Date:	Received By:	Date:	Checked by: CMA			
Relinquished By:	Date:	Received By:	Date:	On Ice? ☒ N ☐ Y			
Relinquished By:	Date:	Received By:	Date:	Therm. used: [signature]			

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.



Table of Contents

Date/Initials of p...
examining contents: cmLabeled by initials: _____
(If different than above)

SAMPLE CONDITION RECEIPT FORM

Client Name: EnxolumWork Order # 2505-350Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Kangaroo ☐ Third Party ☐ OtherCustody Seals on Box/Cooler Present: ☐ Yes ☒ No Seals Intact: ☐ Yes ☐ No GAL Cooler #: _____Thermometer Used: #2 Samples on ice, cooling process has begun: ☒ Yes ☐ NoType of Ice: ☒ Wet ☐ Blue ☐ None Cooler Temp: Observed Temp: 5.8 °C Correction Factor: -0.9 °C Final Temp: 4.9 °C
* Temp should be above freezing 6°CCompliance: ☐ Yes ☒ No

Chain of Custody Filled Out:	☒ Yes ☐ No	1.
COC Signed when Relinquished and Received:	☒ Yes ☐ No	2.
Sampler Name and Signature on COC: *Required for compliance	☒ Yes ☐ No	3.
Samples arrived within hold time:	☒ Yes ☐ No	4.
Correct Containers Used & Intact:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume:	☒ Yes ☐ No	8.
pH's acceptable upon receipt, where applicable: *Not including metals bottles	☐ Yes ☐ No ☒ N/A	9.
Dissolved Testing Needed:	☐ Yes ☒ No	10.
Field Filtered: ☐ Yes ☒ No		11.
Sample Labels match COC: -Includes Date/Time/ID	☒ Yes ☐ No	12.
Matrix:	☒ WT ☐ SL ☐ OT	
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	
Trip Blank Custody Seals Present:	☐ Yes ☐ No ☒ N/A	
VOA's meet headspace requirement (<6mm bubbles)	☒ Yes ☐ No ☐ N/A	
Non-Conformance(s):	☐ Yes ☒ No	13.

Sample of vials have multiple <6mm bubbles
NPN 5.27.25

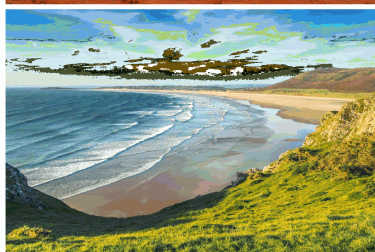
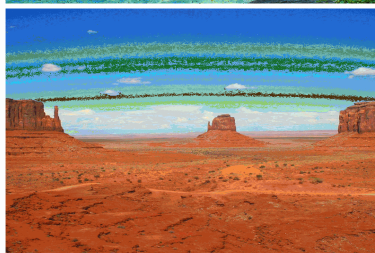
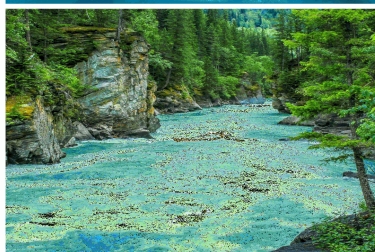
Client Notification/Resolution:

Person Contacted: _____

Date/Time: _____

 Comments/Resolution: _____

Report to:
Joe Gable



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Ensolum LLC- Farmington

Project Name: K-51

Work Order: E507092

Job Number: 23003-0003

Received: 7/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/17/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/17/25



Joe Gable
3122 National Parks Hwy
Carlsbad, NM 88220

Project Name: K-51
Workorder: E507092
Date Received: 7/10/2025 2:00:00PM

Joe Gable,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/10/2025 2:00:00PM, under the Project Name: K-51.

The analytical test results summarized in this report with the Project Name: K-51 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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Office: 505-421-LABS(5227)
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ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Ensolum LLC- Farmington 3122 National Parks Hwy Carlsbad NM, 88220	Project Name:	K-51	Reported: 07/17/25 16:53
	Project Number:	23003-0003	
	Project Manager:	Joe Gable	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW-18R	E507092-01A	Aqueous	07/10/25	07/10/25	VOA Vial, 40mL
	E507092-01B	Aqueous	07/10/25	07/10/25	VOA Vial, 40mL
	E507092-01C	Aqueous	07/10/25	07/10/25	VOA Vial, 40mL



Sample Data

Ensolum LLC- Farmington 3122 National Parks Hwy Carlsbad NM, 88220	Project Name: K-51 Project Number: 23003-0003 Project Manager: Joe Gable	Reported: 7/17/2025 4:53:26PM
--	--	----------------------------------

MW-18R

E507092-01

Analyte	Reporting					
	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	ug/L	ug/L	Analyst: RKS			Batch: 2529141
Benzene	ND	1.00	1	07/17/25	07/17/25	Q3
Ethylbenzene	ND	1.00	1	07/17/25	07/17/25	
Toluene	ND	1.00	1	07/17/25	07/17/25	
o-Xylene	ND	1.00	1	07/17/25	07/17/25	
p,m-Xylene	ND	2.00	1	07/17/25	07/17/25	
Total Xylenes	ND	1.00	1	07/17/25	07/17/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/17/25	07/17/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/17/25	07/17/25	
Surrogate: Toluene-d8		108 %	70-130	07/17/25	07/17/25	



QC Summary Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported:
3122 National Parks Hwy	Project Number:	23003-0003	
Carlsbad NM, 88220	Project Manager:	Joe Gable	7/17/2025 4:53:26PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	ug/L	ug/L	ug/L	ug/L	%	%	%	%	

Blank (2529141-BLK1)

Prepared: 07/17/25 Analyzed: 07/17/25

Benzene	ND	1.00							
Ethylbenzene	ND	1.00							
Toluene	ND	1.00							
o-Xylene	ND	1.00							
p,m-Xylene	ND	2.00							
Total Xylenes	ND	1.00							
Surrogate: Bromofluorobenzene	11.3		10.0		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.49		10.0		94.9	70-130			
Surrogate: Toluene-d8	10.9		10.0		109	70-130			

LCS (2529141-BS1)

Prepared: 07/17/25 Analyzed: 07/17/25

Benzene	43.9	1.00	50.0		87.7	70-130			
Ethylbenzene	45.3	1.00	50.0		90.6	80-120			
Toluene	43.5	1.00	50.0		86.9	80-120			
o-Xylene	46.3	1.00	50.0		92.7	70-130			
p,m-Xylene	94.0	2.00	100		94.0	70-130			
Total Xylenes	140	1.00	150		93.5	70-130			
Surrogate: Bromofluorobenzene	11.6		10.0		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.78		10.0		97.8	70-130			
Surrogate: Toluene-d8	10.6		10.0		106	70-130			

Matrix Spike (2529141-MS1)

Source: E507092-01

Prepared: 07/17/25 Analyzed: 07/17/25

Benzene	232	5.00	250	ND	92.7	59-133			
Ethylbenzene	248	5.00	250	ND	99.0	62-136			
Toluene	236	5.00	250	ND	94.3	67-130			
o-Xylene	245	5.00	250	ND	97.9	70-130			
p,m-Xylene	494	10.0	500	ND	98.9	65-135			
Total Xylenes	739	5.00	750	ND	98.5	70-130			
Surrogate: Bromofluorobenzene	56.9		50.0		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	49.4		50.0		98.7	70-130			
Surrogate: Toluene-d8	54.3		50.0		109	70-130			

Matrix Spike Dup (2529141-MSD1)

Source: E507092-01

Prepared: 07/17/25 Analyzed: 07/17/25

Benzene	234	5.00	250	ND	93.4	59-133	0.731	20	
Ethylbenzene	244	5.00	250	ND	97.7	62-136	1.38	20	
Toluene	232	5.00	250	ND	92.8	67-130	1.54	20	
o-Xylene	241	5.00	250	ND	96.2	70-130	1.71	20	
p,m-Xylene	480	10.0	500	ND	96.0	65-135	2.95	20	
Total Xylenes	721	5.00	750	ND	96.1	70-130	2.53	20	
Surrogate: Bromofluorobenzene	55.6		50.0		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	49.5		50.0		98.9	70-130			
Surrogate: Toluene-d8	53.2		50.0		106	70-130			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Ensolum LLC- Farmington	Project Name:	K-51	
3122 National Parks Hwy	Project Number:	23003-0003	Reported:
Carlsbad NM, 88220	Project Manager:	Joe Gable	07/17/25 16:53

- Q3 Sample received with improper chemical preservation. Sample analyzed per client request.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Envirotech Analytical Laboratory

Printed: 7/10/2025 2:08:12PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Ensolum LLC- Farmington	Date Received:	07/10/25 14:00	Work Order ID:	E507092
Phone:	(970) 403-6023	Date Logged In:	07/10/25 14:04	Logged In By:	Caitlin Mars
Email:	jgable@ensolum.com	Due Date:	07/17/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Tracy D.Comments/Resolution

Client Remark- No HCL-Unpreserved.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? Yes
15. Are VOC samples collected in VOA Vials? Yes
16. Is the head space less than 6-8 mm (pea sized or less)? Yes
17. Was a trip blank (TB) included for VOC analyses? No
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joe Gable
Ensolum LLC
848 E 2nd Avenue
Durango, Colorado 81301
Generated 8/15/2025 3:23:55 PM

JOB DESCRIPTION

Lateral K-51

JOB NUMBER

885-30471-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

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
8/15/2025 3:23:55 PM

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

Client: Ensolum LLC
Project/Site: Lateral K-51

Laboratory Job ID: 885-30471-1

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Definitions/Glossary

Client: Ensolum LLC
Project/Site: Lateral K-51

Job ID: 885-30471-1

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 LLC
Project: Lateral K-51

Job ID: 885-30471-1

Job ID: 885-30471-1

Eurofins Albuquerque

Job Narrative
885-30471-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 8/7/2025 7:10 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

GC VOA

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum LLC
Project/Site: Lateral K-51

Job ID: 885-30471-1

Client Sample ID: MW-19
Date Collected: 08/06/25 13:19
Date Received: 08/07/25 07:10

Lab Sample ID: 885-30471-1
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	73		1.0	ug/L			08/14/25 14:35	1	
Ethylbenzene	19		1.0	ug/L			08/14/25 14:35	1	
Toluene	ND		1.0	ug/L			08/14/25 14:35	1	
Xylenes, Total	3.4		2.0	ug/L			08/14/25 14:35	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		15 - 150					08/14/25 14:35	1

QC Sample Results

Client: Ensolum LLC
Project/Site: Lateral K-51

Job ID: 885-30471-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-32340/6

Matrix: Water

Analysis Batch: 32340

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			08/14/25 12:37	1
Ethylbenzene	ND		1.0	ug/L			08/14/25 12:37	1
Toluene	ND		1.0	ug/L			08/14/25 12:37	1
Xylenes, Total	ND		2.0	ug/L			08/14/25 12:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		15 - 150		08/14/25 12:37	1

Lab Sample ID: LCS 885-32340/5

Matrix: Water

Analysis Batch: 32340

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	17.0		ug/L		85	70 - 130
Ethylbenzene	20.0	16.4		ug/L		82	70 - 130
Toluene	20.0	16.7		ug/L		84	70 - 130
Xylenes, Total	60.0	51.5		ug/L		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		15 - 150

Lab Sample ID: 885-30471-1 MS

Matrix: Water

Analysis Batch: 32340

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	73		20.0	94.4		ug/L		106	70 - 130
Ethylbenzene	19		20.0	36.9		ug/L		91	70 - 130
Toluene	ND		20.0	16.9		ug/L		81	70 - 130
Xylenes, Total	3.4		60.0	54.3		ug/L		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		15 - 150

Lab Sample ID: 885-30471-1 MSD

Matrix: Water

Analysis Batch: 32340

Client Sample ID: MW-19

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	73		20.0	90.0		ug/L		84	70 - 130	5	20
Ethylbenzene	19		20.0	35.8		ug/L		85	70 - 130	3	20
Toluene	ND		20.0	16.3		ug/L		78	70 - 130	4	20
Xylenes, Total	3.4		60.0	53.3		ug/L		83	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		15 - 150

Eurofins Albuquerque

QC Association Summary

Client: Ensolum LLC
Project/Site: Lateral K-51

Job ID: 885-30471-1

GC VOA

Analysis Batch: 32340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-30471-1	MW-19	Total/NA	Water	8021B	
MB 885-32340/6	Method Blank	Total/NA	Water	8021B	
LCS 885-32340/5	Lab Control Sample	Total/NA	Water	8021B	
885-30471-1 MS	MW-19	Total/NA	Water	8021B	
885-30471-1 MSD	MW-19	Total/NA	Water	8021B	

Lab Chronicle

Client: Ensolum LLC
Project/Site: Lateral K-51

Job ID: 885-30471-1

Client Sample ID: MW-19
Date Collected: 08/06/25 13:19
Date Received: 08/07/25 07:10

Lab Sample ID: 885-30471-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	32340	JP	EET ALB	08/14/25 14:35

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

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Accreditation/Certification Summary

Client: Ensolum LLC
Project/Site: Lateral K-51

Job ID: 885-30471-1

Laboratory: Eurofins Albuquerque

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

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

- 1
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Chain-of-Custody Record

Client: Ensolum LLC.

Mailing Address: 348 E 2nd Ave.

Phone #:

email or Fax#: jgable@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Lateral K-51

Project #:

05B1226012

Project Manager:

Joe Gable

Sampler: O. Froelich, A. Schermer

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 13.02 = 1.1 (°C)

Container Type and #

VOA, 3

Preservative Type

HCL

HEAL No.

Analysis Request

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, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

BTX (MTBE / TMB's (8021)

X

Received by

Via

Date

Time

15:41

8/6/25

1541

1745

1745

8/6/25

8/6/25

7:10

7:10

Remarks:

CC: dmoir@ensolum.com

ofroelich@ensolum.com

aschermer@ensolum.com

Login Sample Receipt Checklist

Client: Ensolum LLC

Job Number: 885-30471-1

Login Number: 30471

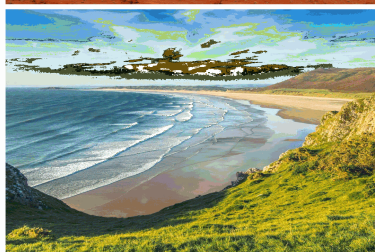
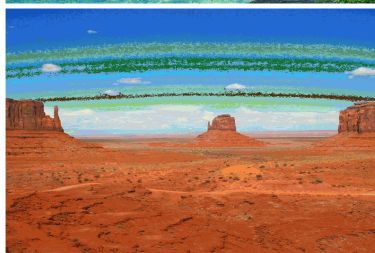
List Source: Eurofins Albuquerque

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	

Report to:
Joe Gable



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Ensolum LLC- Farmington

Project Name: K-51

Work Order: E511026

Job Number: 23003-0003

Received: 11/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/12/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/12/25

Joe Gable
848 E 2nd Ave
Durango, CO 81301



Project Name: K-51
Workorder: E511026
Date Received: 11/5/2025 2:00:00PM

Joe Gable,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/5/2025 2:00:00PM, under the Project Name: K-51.

The analytical test results summarized in this report with the Project Name: K-51 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Ensolum LLC- Farmington	Project Name:	K-51	Reported:
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	11/12/25 16:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW-1	E511026-01A	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-01B	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-01C	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
MW-2	E511026-02A	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-02B	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-02C	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
MW-4	E511026-03A	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-03B	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-03C	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
MW-16	E511026-04A	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-04B	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-04C	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
MW-17	E511026-05A	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-05B	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-05C	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
MW-14	E511026-06A	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-06B	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-06C	Aqueous	11/04/25	11/05/25	VOA Vial, 40mL; HCl
MW-18R	E511026-07A	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-07B	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-07C	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
MW-20	E511026-08A	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-08B	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-08C	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
MW-19	E511026-09A	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-09B	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl
	E511026-09C	Aqueous	11/05/25	11/05/25	VOA Vial, 40mL; HCl



Sample Data

Ensolum LLC- Farmington 848 E 2nd Ave Durango CO, 81301	Project Name: K-51 Project Number: 23003-0003 Project Manager: Joe Gable	Reported: 11/12/2025 4:21:33PM
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MW-1

E511026-01

Analyte	Reporting					
	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	2.04	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	5.34	1.00	1	11/12/25	11/12/25	
p,m-Xylene	4.03	2.00	1	11/12/25	11/12/25	
Total Xylenes	9.36	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	94.4 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-2

E511026-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	ND	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	ND	1.00	1	11/12/25	11/12/25	
p,m-Xylene	ND	2.00	1	11/12/25	11/12/25	
Total Xylenes	ND	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-4

E511026-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	3.48	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	ND	1.00	1	11/12/25	11/12/25	
p,m-Xylene	3.46	2.00	1	11/12/25	11/12/25	
Total Xylenes	3.46	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-16

E511026-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	ND	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	ND	1.00	1	11/12/25	11/12/25	
p,m-Xylene	ND	2.00	1	11/12/25	11/12/25	
Total Xylenes	ND	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-17

E511026-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	ND	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	ND	1.00	1	11/12/25	11/12/25	
p,m-Xylene	ND	2.00	1	11/12/25	11/12/25	
Total Xylenes	ND	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-14

E511026-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	ND	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	ND	1.00	1	11/12/25	11/12/25	
p,m-Xylene	ND	2.00	1	11/12/25	11/12/25	
Total Xylenes	ND	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	94.4 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-18R

E511026-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	ND	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	ND	1.00	1	11/12/25	11/12/25	
p,m-Xylene	ND	2.00	1	11/12/25	11/12/25	
Total Xylenes	ND	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-20

E511026-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	ND	1.00	1	11/12/25	11/12/25	
Ethylbenzene	ND	1.00	1	11/12/25	11/12/25	
Toluene	ND	1.00	1	11/12/25	11/12/25	
o-Xylene	ND	1.00	1	11/12/25	11/12/25	
p,m-Xylene	ND	2.00	1	11/12/25	11/12/25	
Total Xylenes	ND	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		11/12/25	11/12/25	



Sample Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported: 11/12/2025 4:21:33PM
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	

MW-19

E511026-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	ug/L	ug/L	Analyst: BA		Batch: 2546101	
Benzene	52.0	1.00	1	11/12/25	11/12/25	
Ethylbenzene	12.6	1.00	1	11/12/25	11/12/25	
Toluene	9.38	1.00	1	11/12/25	11/12/25	
o-Xylene	11.2	1.00	1	11/12/25	11/12/25	
p,m-Xylene	9.63	2.00	1	11/12/25	11/12/25	
Total Xylenes	20.8	1.00	1	11/12/25	11/12/25	
Surrogate: 4-Bromochlorobenzene-PID	95.1 %	70-130		11/12/25	11/12/25	



QC Summary Data

Ensolum LLC- Farmington	Project Name:	K-51	Reported:
848 E 2nd Ave	Project Number:	23003-0003	
Durango CO, 81301	Project Manager:	Joe Gable	11/12/2025 4:21:33PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	ug/L	ug/L	ug/L	ug/L	%	%	%	%	

Blank (2546101-BLK1)

Prepared: 11/12/25 Analyzed: 11/12/25

Benzene	ND	1.00							
Ethylbenzene	ND	1.00							
Toluene	ND	1.00							
o-Xylene	ND	1.00							
p,m-Xylene	ND	2.00							
Total Xylenes	ND	1.00							
Surrogate: 4-Bromochlorobenzene-PID	150		160		93.5	70-130			

LCS (2546101-BS1)

Prepared: 11/12/25 Analyzed: 11/12/25

Benzene	100	1.00	100		100	70-130			
Ethylbenzene	93.7	1.00	100		93.7	70-130			
Toluene	97.5	1.00	100		97.5	70-130			
o-Xylene	95.3	1.00	100		95.3	70-130			
p,m-Xylene	191	2.00	200		95.3	70-130			
Total Xylenes	286	1.00	300		95.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	149		160		93.2	70-130			

Matrix Spike (2546101-MS1)

Source: E511026-02

Prepared: 11/12/25 Analyzed: 11/12/25

Benzene	478	5.00	500	ND	95.6	70-130			
Ethylbenzene	448	5.00	500	ND	89.7	70-130			
Toluene	465	5.00	500	ND	93.0	70-130			
o-Xylene	457	5.00	500	ND	91.5	70-130			
p,m-Xylene	915	10.0	1000	ND	91.5	70-130			
Total Xylenes	1370	5.00	1500	ND	91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	759		800		94.9	70-130			

Matrix Spike Dup (2546101-MSD1)

Source: E511026-02

Prepared: 11/12/25 Analyzed: 11/12/25

Benzene	486	5.00	500	ND	97.1	70-130	1.58	20	
Ethylbenzene	456	5.00	500	ND	91.2	70-130	1.67	20	
Toluene	472	5.00	500	ND	94.4	70-130	1.48	20	
o-Xylene	464	5.00	500	ND	92.9	70-130	1.57	20	
p,m-Xylene	930	10.0	1000	ND	93.0	70-130	1.61	20	
Total Xylenes	1390	5.00	1500	ND	93.0	70-130	1.60	20	
Surrogate: 4-Bromochlorobenzene-PID	743		800		92.8	70-130			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Ensolum LLC- Farmington	Project Name:	K-51	
848 E 2nd Ave	Project Number:	23003-0003	Reported:
Durango CO, 81301	Project Manager:	Joe Gable	11/12/25 16:21

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Page 1 of 1

Client Information					Invoice Information			Lab Use Only			TAT				State																							
Client: <u>Ensolum LLC</u>					Company: <u>Same as client</u>			Lab WO# <u>E511026</u>			Job Number <u>23003-0003</u>				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>X</td> </tr> </table>				1D	2D	3D	Std				X	<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	X			
1D	2D	3D	Std																																			
			X																																			
NM	CO	UT	TX																																			
X																																						
Project Name: <u>k-51</u>					Address:																																	
Project Manager: <u>Joe Gable</u>					City, State, Zip:																																	
Address: <u>848 E 2nd Ave</u>					Phone:																																	
City, State, Zip: <u>Durango CO 81301</u>					Email:																																	
Phone:					Miscellaneous:																																	
Email: <u>jgable@ensolum.com</u>																																						
Sample Information												Analysis and Method				EPA Program																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA																				
1221	11/4/25	H2O	3-VOA	MW-1			1			X									3.0 HCl																			
1249				MW-2			2			X									3.4																			
1131				MW-4			3			X									3.2																			
1335				MW-16			4			X									3.0																			
1103				MW-17			5			X									2.8																			
1404				MW-14			6			X									3.2																			
1054	11/5/25			MW-18R			7			X									2.6																			
1137				MW-20			8			X									3.1																			
1209				MW-19			9			X									3.1																			
								t CM 11/5/25																														
Additional Instructions: <u>please cc Tom Long/tjlong@eprod.com, Dan Moir/dmoir@ensolum.com, Tracy Dembrowski tdembrowski@ensolum.com</u>																																						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																						
Sampled by: <u>Tracy Dembrowski</u>																																						
Relinquished by: (Signature) <u>[Signature]</u>					Date <u>11/5/25</u>					Time <u>1400</u>					Received by: (Signature) <u>Carla Mar</u>					Date <u>11.5.25</u>					Time <u>1400</u>													
Relinquished by: (Signature)					Date					Time					Received by: (Signature)					Date					Time													
Relinquished by: (Signature)					Date					Time					Received by: (Signature)					Date					Time													
Relinquished by: (Signature)					Date					Time					Received by: (Signature)					Date					Time													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other															Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. Received on ice: <u>(Y)</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C _____																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																						



envirotech

Envirotech Analytical Laboratory

Printed: 11/5/2025 2:11:17PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Ensolum LLC- Farmington	Date Received:	11/05/25 14:00	Work Order ID:	E511026
Phone:	(970) 903-1607	Date Logged In:	11/05/25 14:07	Logged In By:	Caitlin Mars
Email:	jgable@ensolum.com	Due Date:	11/12/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Tracy D.Comments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? No
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? Yes
15. Are VOC samples collected in VOA Vials? Yes
16. Is the head space less than 6-8 mm (pea sized or less)? Yes
17. Was a trip blank (TB) included for VOC analyses? No
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? Yes
22. Are sample(s) correctly preserved? Yes
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

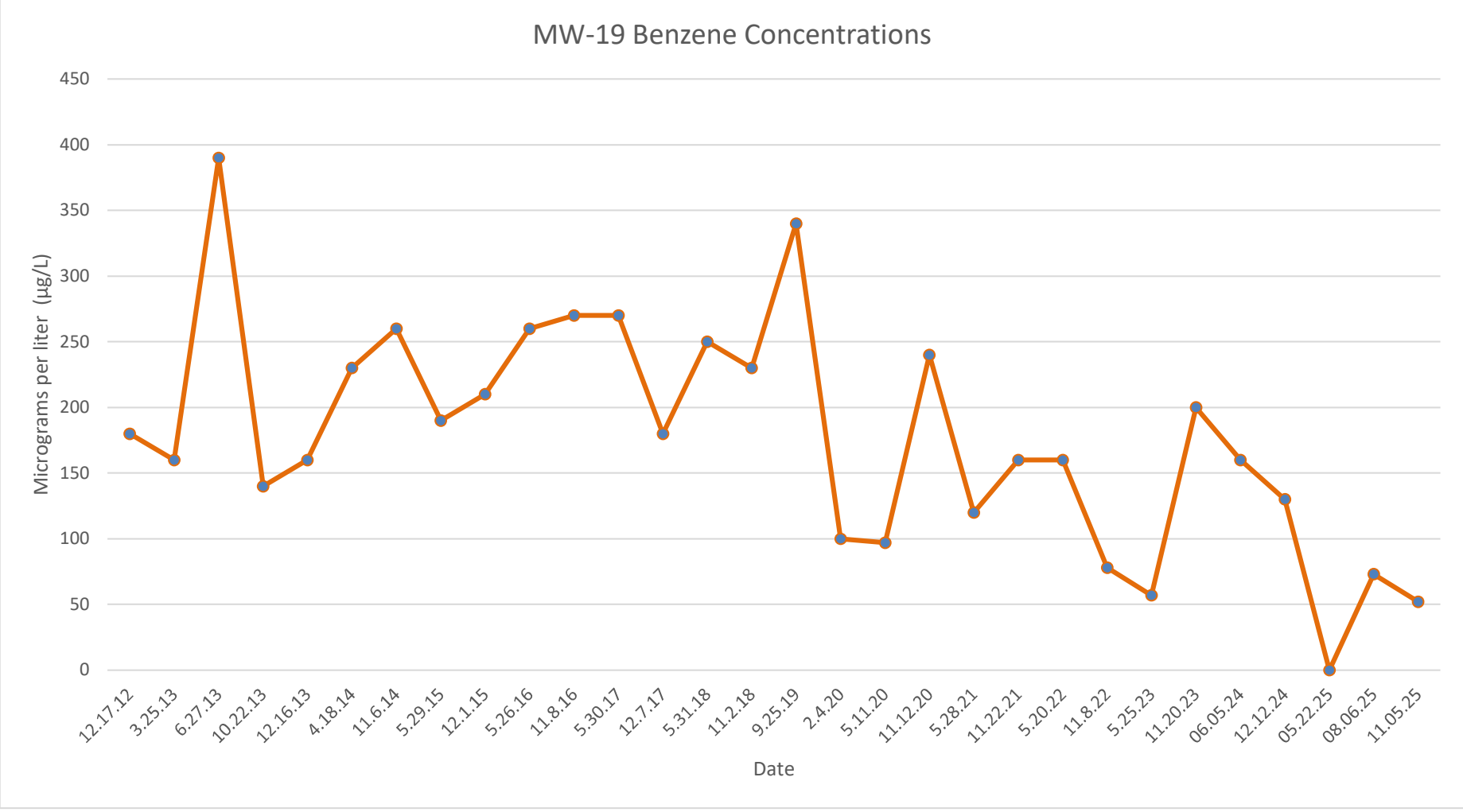


envirotech Inc.



APPENDIX C

Benzene Concentration Chart



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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 572830

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 572830
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	6/25/2026