TARGA

811 Louisiana, Suite 2100
Houston, TX 77002
713.584.1000
www.targaresources.com

November 11, 2025

State of New Mexico Energy Minerals and Natural Resources Department
Oil Conservation Division (OCD) - District IV
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

SUBJECT: Transmittal of 2024 Annual Groundwater Monitoring Report
Targa Midstream Services LLC
Monument Gas Plant, Eunice, Lea County, New Mexico
NMOCD Incident ID: nAUTOfGP000137

To Whom It May Concern:

Targa Midstream Services LLC (Targa) is submitting the enclosed 2024 Annual Groundwater Monitoring Report for the Monument Gas Plant in Lea County, New Mexico.

Please do not hesitate to contact me at (281) 433-1973 or fdevore@targaresources.com if you have any questions regarding this submittal.

Sincerely,

Frances C Devore

Frances Devore
Senior ES&H Specialist

Enclosures

ENSOLUM

2024 ANNUAL GROUNDWATER MONITORING REPORT

Property:

Targa Monument Gas Plant
SW ¼, S36 T19S R36E
Monument, Lea County, New Mexico
32.610604° N, 103.312188° W
NMOCD Incident ID: nAUTOfGP000137

November 11, 2025
Ensolum Project No. 03B1136075

Prepared for:

Targa Midstream Services LLC
811 Louisiana Street, Suite 2100
Houston, Texas 77002
Attn: Ms. Christina Higginbotham, PG

Prepared by:

Joe Gable, PG
Project Manager

Beaux Jennings
Associate Principal

2024 ANNUAL GROUNDWATER MONITORING REPORT
EXECUTIVE SUMMARY

This report documents the 2024 groundwater monitoring activities at the Targa Midstream Services LLC (Targa), formally Versado Gas Processors LLC (Versado), Monument Gas Plant located within the southwest (SW) 1/4 of Section 36, Township 19 South, Range 36 East, in Lea County, New Mexico (32.610604° N, 103.312188° W), hereinafter referred to as the "Site".

The Site is located southwest of the town of Monument in a sparsely populated, rural area within an active oil and gas field. Adjacent land uses include various industrial activities associated with oil and gas production and transportation. Adjacent industrial facilities include the former Climax Chemical Company (Climax) to the northwest and a former oil refinery, which was located along the southern property boundary of the Targa Monument Gas Plant. A natural gas compressor station is located to the southeast of the Site.

The Site was constructed circa 1935 by Natural Gasoline Corporation, a subsidiary of Warren Petroleum Company (Warren). Versado acquired the Site through a merger of assets between previous owners, Dynegy, Inc. and Texaco, Inc., in 2005. The Site began as a fractionation plant to recover light hydrocarbons from natural gas and was converted to a cryogenic plant around 1976. Two (2) cavern storage wells were used to store fractionated hydrocarbons but are no longer in use. A lined pond was located near each cavern storage well for capturing brine utilized to evacuate product from the storage caverns. The ponds were closed under New Mexico Oil Conservation Division (NMOCD) approval in 2008 (#2 North Brine Pond) and 2012 (#1 South Brine Pond).

Climax, located on the northwest adjacent property (upgradient) of the Site, formerly used extraction wells to mine salt from the Salado formation at depths ranging from approximately 2,420 to 2,616 feet below ground surface (bgs). The salt was used to manufacture hydrochloric acid, sulfuric acid and sodium sulfate. Hydrochloric acid was stored in unlined surface impoundments, which is reportedly the source of widespread groundwater contamination beneath the Climax facility. An analysis from a discharge pipe to the surface impoundment reported chloride concentrations between 15,500 and 17,300 milligrams per liter (mg/L) and sulfate concentrations between 15,100 and 19,000 mg/L. The pH was 3.3 standard units (s.u.). The extraction wells were plugged and abandoned sometime prior to 1982. The Climax facility is closed and is no longer in operation.

In 1989, during an investigation of groundwater contamination that resulted from the Climax facility operations, light non-aqueous phase liquid (LNAPL) was discovered above the groundwater bearing zone beneath the Site. Warren, owner of the Site at the time, retained Geraghty & Miller, Inc. (G&M), to investigate and recover the LNAPL. G&M installed 15 groundwater monitoring wells (WP-1 through WP-15) between August 18, 1989, and November 9, 1995, for delineating and recovering LNAPL. Monitoring wells WP-3, WP-8 and WP-9 were converted to cathodic (corrosion) protection wells in November 1995, and are no longer available for groundwater monitoring.

G&M performed LNAPL recovery at the Site from approximately 1989 to 1997. In April 1997, G&M ceased LNAPL recovery due to a lowering of the water table and pump limitations. In 1998, the NMOCD granted approval to change the groundwater monitoring frequency from a quarterly to semi-annual basis.

In 2002, Larson & Associates, Inc. (LAI) assumed groundwater monitoring responsibilities and resumed LNAPL recovery from monitoring well WP-15. Between March 2004 and May 2009, LAI installed eight additional monitoring wells WP-16 through WP-23 to fully delineate the observed groundwater exceedance zone.

The groundwater gradient and the groundwater exceedance zone have remained relatively consistent over the last two decades, which demonstrates plume stability. The groundwater gradient is primarily to the south and southeast, and the groundwater exceedance zone located in the central and eastern portions of the Site has remained relatively unchanged, demonstrating that expansion is not ocurring. The groundwater plume has been fully defined in the downgradient direction since monitoring wells WP-21, WP-22 and WP-23 were installed in 2009, again, indicating that the groundwater exceedance zone is stable and not

expanding. Chloride and total dissolved solids (TDS) concentrations, 18,600 mg/L and 36,300 mg/L, respectively, were highest in the background (upgradient) well WP-19 in 2017 due to historic use of unlined ponds for hydrochloric acid waste at the former Climax Chemical plant, located hydraulically upgradient (northwest) of the Site.

A Stage II Abatement Plan, dated February 12, 2020, was submitted to NMOCD and Targa requested approval of the regulatory analysis and "aquifer" characterization. On October 19, 2023, the Stage II Abatement Plan was rejected by the NMOCD. Targa submitted a response letter on December 19, 2023, and had a conference call with the NMOCD on January 21, 2025. Targa is currently working with the NMOCD on a path forward for approval.

Groundwater sampling events were conducted by Ensolum, LLC (Ensolum) during April and October 2024. These groundwater monitoring events were performed to further evaluate the concentrations of chemicals of concern (COCs) in groundwater over time and to monitor the generally declining COC concentrations at the Site.

Findings and recommendations based on these activities are as follows:

- The groundwater flow direction at the Site is generally south to southeast, with an approximate gradient of 0.00715 ft/ft across the Site.
- The analytical results for the groundwater samples collected from monitoring wells WP-11, WP-12, AS-1, and OW-1 during the April 2024 sampling event indicate that benzene concentrations are above the New Mexico WQCC GQSs. The analytical results for the remaining monitoring wells during this event do not indicate COC concentrations above the applicable WQCC GQSs.
- The analytical results for the groundwater samples collected from monitoring wells WP-11, AS-1, and OW-1 during the October 2024 sampling event indicate that benzene concentrations are above the New Mexico WQCC GQSs. The analytical results for the remaining monitoring wells during this event do not indicate COC concentrations above the applicable WQCC GQSs.
- During the most recent groundwater monitoring event (October 2024), LNAPL was present in monitoring wells WP-10, WP-14, and WP-18 at a thickness of 0.19 feet, 0.12 feet, and 0.03 feet, respectively.
- The results from the sampling events at the Site continue to demonstrate a general decline and/or stable COC concentrations in groundwater since the start of sampling in 2016.
- Based on gauging data, the LNAPL plume is also stable. LNAPL in WP-14 has been sporadic and is believed to be associated with fluctuations with the height of the water table.
- Table 3 in Appendix B indicates natural attenuation parameter results at the time each sample was collected. The data included in Table 3 can be an indication of the aquifer environment and biodegradation. When evaluating the effectiveness and progress of natural attenuation, DO will be depressed inside a petroleum plume compared to outside a petroleum plume. ORP measurements will typically be lower inside the petroleum plume than outside the petroleum plume because microbial activity is consuming DO, resulting in an anaerobic and reducing aquifer environment within the petroleum plume. An aquifer with a neutral pH (6 to 8 Standard Units) is optimum for biodegradation of petroleum compounds (EPA, 2016). Optimally, for aerobic or anaerobic biodegradation of petroleum compounds, an aquifer environment should be above 15°C.

Ensolum offers the following recommendations:

- Report the semi-annual groundwater monitoring results to the NMOCD on an annual.
- Conduct an aquifer characterization and would include further evaluation of the water supply availability through records research, a walking receptor survey and performing a constant rate discharge test on three select monitoring wells.
- Submit a Revised Stage II Abatement Plan to the NMOCD.
- Continue semi-annual groundwater monitoring at the Site.

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ENSOLUM

2024 ANNUAL GROUNDWATER MONITORING REPORT

Targa Monument Gas Plant
SW ¼, S36 T19S R36E
Monument, Lea County, New Mexico
32.610604° N, 103.312188° W
NMOCD Incident ID: nAUTOfGP000137

1.0 INTRODUCTION

This report documents the 2024 groundwater monitoring activities conducted at the Targa Monument Gas Plant, referred to hereinafter as the "Site".

1.1 Site Description & Background

Operator:	Targa Midstream Services LLC
Site Name:	Targa Monument Gas Plant (NMOCD Incident ID: nAUTOfGP000137)
Location:	32.610604° North, 103.312188° West Southwest (SW) ¼ of Section 36, Township 19 South, Range 36 East Monument, Lea County, New Mexico
Property:	Targa Midstream Services LLC (formerly Versado Gas Processors LLC)
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

The Site is located southwest of the town of Monument within the SW 1/4 of Section 36, Township 19 South, Range 36 East, in Lea County, New Mexico (32.610604° N, 103.312188° W). The Site is located in a sparsely populated, rural area within an active oil and gas field. Adjacent land uses include various industrial activities associated with oil and gas production and transportation. Adjacent industrial facilities include the former Climax to the northwest and a former oil refinery, which was located along the southern property boundary of the Targa Monument Gas Plant. A natural gas compressor station is located to the southeast of the Site.

The Site was constructed circa 1935 by Natural Gasoline Corporation, a subsidiary of Warren. Versado acquired the Site through a merger of assets between a previous owner, Dynegy, Inc. and Texaco, Inc., in 2005. The Site began as a fractionation plant to recover light hydrocarbons from natural gas and was converted to a cryogenic plant around 1976. Two cavern storage wells were used to store fractionated hydrocarbons but are no longer in use. A lined pond was located near each cavern storage well for capturing brine used to evacuate product from the storage caverns. The ponds were closed under NMOCD approval in 2008 (#2 North Brine Pond) and 2012 (#1 South Brine Pond).

Climax, located on the northwest adjacent property (upgradient) of the Site, formerly used extraction wells to mine salt from the Salado formation at depths ranging from approximately 2,420 to 2,616 feet below ground surface (bgs). The salt was used to manufacture hydrochloric acid, sulfuric acid and sodium sulfate. Hydrochloric acid was stored in unlined surface impoundments which is reportedly the source of widespread groundwater contamination beneath the Climax facility. An analysis from a discharge pipe to the surface impoundment reported chloride concentrations between 15,500 and 17,300 milligrams per liter (mg/L) and sulfate concentrations between 15,100 and 19,000 mg/L. The pH was 3.3 standard units (s.u.). The extraction wells were plugged and abandoned sometime prior to 1982. The Climax facility is closed and is no longer in operation.

In 1989, during an investigation of groundwater contamination that resulted from the Climax facility operations, light non-aqueous phase liquid (LNAPL) was discovered above the groundwater bearing zone beneath the Site. Warren, owner of the Site at the time, retained ARCADIS Geraghty & Miller, Inc (G&M), to investigate and recover the LNAPL. G&M installed 15 wells (WP-1 through WP-15) between August 18, 1989, and November 9, 1995, for delineating and recovering LNAPL. Monitoring wells WP-3, WP-8 and WP-9 were converted to cathodic (corrosion) protection wells in November 1995 and are no longer available for groundwater monitoring.

In April 1997, G&M ceased LNAPL recovery due to a lowering of the water table and pump limitations. LNAPL recovery was performed at the Site from approximately 1989 to 1997. In 1998, the NMOCD granted approval to change the groundwater monitoring frequency from a quarterly to semi-annual basis.

In 2002, Larson & Associates, Inc. (LAI) assumed groundwater monitoring responsibilities and resumed LNAPL recovery from monitoring well WP-15. Between March 2004 and May 2009, LAI installed eight additional monitoring wells WP-16 through WP-23 to fully delineate the observed groundwater exceedance zone.

The groundwater gradient and the groundwater exceedance zone have remained relatively consistent over the last two decades,which demonstrates plume stability. The groundwater gradient is primarily to the south and southeast, and the groundwater exceedance zone located in the central and eastern portions of the Site has remained relatively unchanged, not demonstrating expansion. The groundwater plume has been fully defined in the downgradient direction since monitoring wells WP-21, WP-22 and WP-23 were installed in 2009, indicating that the groundwater exceedance zone is stable and not expanding. Chloride and total desolved solids (TDS) concentrations, 18,600 mg/L and 36,300 mg/L, respectively, were highest in the background (upgradient) well WP-19 in 2017 due to historic use of unlined ponds for hydrochloric acid waste at the former Climax Chemical plant located hydraulically upgradient (northwest) of the Site.

Groundwater sampling events were conducted by Ensolum, LLC (Ensolum) during April and October 2024. These groundwater monitoring events were performed to further evaluate the concentrations of chemicals of concern (COCs) in groundwater over time and to monitor the generally declining COC concentrations at the Site.

The Site is subject to regulatory oversight by the NMOCD. To address activities related to oil and gas releases, the NMOCD references New Mexico Administrative Code (NMAC) 19.15.29 *Releases,* which establishes investigation and abatement action requirements for sites that are subject to reporting and/or corrective action. Additionally, the NMOCD utilizes the New Mexico Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQS) (NMAC 20.6.2 *Groundwater and Surface Water Protection*) to evaluate groundwater conditions.

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

1.2 Project Objective

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

2.0 GROUNDWATER MONITORING

2.1 Groundwater Sampling Program

Groundwater sampling events were conducted during April and October 2024 by Ensolum. The groundwater sampling program consisted of the collection of one groundwater sample from each of the 18 monitoring wells identified in the *2017 Groundwater Monitoring Report Recommendations*. However, monitoring wells WP-2, WP-5, WP-16, WP-17, and WP-21 were not sampled during either sampling event due to insufficient water volumes. In addition, monitoring wells WP-10, WP-14, and WP-18 were not sampled due to the presence of measurable LNAPL.

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 LNAPL.
- Each monitoring well was sampled utilizing micro-purge low-flow sampling techniques. Following the completion of the micro-purge process, one groundwater sample was collected from each monitoring well.
- Low-flow, or low-stress sampling, refers to sampling methods that are intended to minimize the stress that is 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) were maintained during the low-flow/low-stress sampling activities using dedicated or decontaminated sampling equipment.
- The groundwater samples were collected from each monitoring well once produced groundwater was consistent in color, clarity, pH, temperature, and conductivity. Measurements were observed every three (3) to five (5) minutes during purging. Purging was considered complete once key parameters (especially pH and conductivity) were stabilized for three (3) successive readings. Parameters should be within ± 0.1 for pH, ± 3% for conductivity, ± 10 millivolts (mv) for redox potential, and ± 10% for turbidity and dissolved oxygen (DO).
- The groundwater samples were collected in laboratory-supplied containers that were pre-preserved with hydrochloric acid (HCl), labeled/sealed using the laboratory supplied labels and custody seals and stored on ice in a cooler. The groundwater samples were relinquished to Eurofins Midland laboratory in Midland, Texas under proper chain-of-custody procedures.

2.2 Groundwater Laboratory Analytical Methods

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

A summary of the per-event analytes, sample matrix, sample frequency and the EPA-approved Method for the two sampling events are presented on the following table.

Analytes	Sample Matrix	No. of Samples (per event)	EPA Method
BTEX	Groundwater	10	SW-846 8021B

The laboratory analytical results are summarized in **Table 2** in **Appendix B**. The executed chain-of-custody forms and laboratory data sheets are provided in **Appendix C**.

2.3 Groundwater Flow Direction

With the exception of monitoring well AS-1 and OW-1, each monitoring well has been geospatially surveyed to determine the top-of-casing (TOC) elevation. Based on gauging data, the groundwater flow direction (gradient) at the Site is generally south to southeast. The observed gradients during the April and October 2024 monitoring events averaged approximately 0.00715 ft/ft across the Site.

Groundwater elevation data collected during the April and October 2024 gauging events (as well as historical gauging data) are presented in **Table 1** (**Appendix B**). Groundwater gradient maps for the April and October 2024 gauging events are included as **Figure 4A** and **4B**, respectively, (**Appendix A**).

2.4 Data Evaluation

Ensolum compared the BTEX laboratory analytical results, or laboratory method quantitation limits/sample detection limits (MQLs/SDLs) associated with the groundwater samples collected from monitoring wells during the April and October 2024 sampling events to the New Mexico WQCC GQSs. The results of the groundwater sample analyses are summarized in **Table 2** of **Appendix B**. Natural attenuation parameter results are included in **Table 3** of **Appendix B**. Groundwater Quality Standard Exceedance Zone maps are provided as **Figures 5A** and **5B** of **Appendix A**.

A total of 18 wells are available for sampling; only 10 wells were sampled during the 2024 sampling events. Monitoring wells WP-2, WP-5, WP-16, WP-17, and WP-21 were not sampled during these sampling events due to insufficient water volume. In addition, monitoring wells WP-10, WP-14, and WP-18 were not sampled due to the presence of measurable LNAPL.

April 2024

Ten samples were collected during the April 2024 sampling event. The analytical results indicated that BTEX concentrations in six monitoring were not detected above the MQLs/SDLs. However, benzene concentrations in monitoring wells WP-11, WP-12, AS-1, and OW-1 exceeded the WQCC GQS of 0.005 mg/L with concentrations ranging from 0.00508 mg/L to 0.523 mg/L. Toluene, ethylbenzene, or total xylenes concentrations did not exceed the applicable WQCC GQSs.

LNAPL was measured in monitoring wells WP-10, WP-14, and WP-18 with thicknesses of 0.04 feet, 0.07 feet, and 0.64 feet, respectively.

October 2024

Ten samples were collected during the October 2024 sampling event. The analytical results indicated that BTEX concentrations in seven wells were not detected above the MQLs/SDLs. However, benzene concentrations for monitoring wells WP-11, AS-1, and OW-1 exceeded the WQCC GQS of 0.005 mg/L with concentrations ranging from 0.128 mg/L to 0.476 mg/L. Toluene, ethylbenzene, or total xylenes concentrations did not exceed the applicable WQCC GQSs.

LNAPL was measured in monitoring wells WP-10, MW-14, and WP-18 at thicknesses of 0.19 feet, 0.12 feet, and 0.03 feet, respectively.

3.0 FINDINGS

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

- The groundwater flow direction at the Site is generally south to southeast, with an approximate gradient of 0.00715 ft/ft across the Site.
- The analytical results for the groundwater samples collected from monitoring wells WP-11, WP-12, AS-1, and OW-1 during the April 2024 sampling event indicate that benzene concentrations are above the New Mexico WQCC GQSs. The analytical results for the remaining monitoring wells during this event do not indicate COC concentrations above the applicable WQCC GQSs.
- The analytical results for the groundwater samples collected from monitoring wells WP-11, AS-1, and OW-1 during the October 2024 sampling event indicate that benzene concentrations are above the New Mexico WQCC GQSs. The analytical results for the remaining monitoring wells during this event do not indicate COC concentrations above the applicable WQCC GQSs.
- During the most recent groundwater monitoring event (October 2024), LNAPL was present in monitoring wells WP-10, WP-14, and WP-18 at a thickness of 0.19 feet, 0.12 feet, and 0.03 feet, respectively.
- The results from the sampling events at the Site continue to demonstrate a general decline and/or stable COC concentrations in groundwater since the start of sampling in 2016.
- Based on gauging data, the LNAPL plume is also stable. LNAPL in WP-14 has been sporadic and is believed to be associated with fluctuations with the height of the water table.
- Table 3 in Appendix B indicates natural attenuation parameter results at the time each sample was collected. The data included in Table 3 can be an indication of the aquifer environment and biodegradation. When evaluating the effectiveness and progress of natural attenuation, DO will be depressed inside a petroleum plume compared to outside a petroleum plume. ORP measurements will typically be lower inside the petroleum plume than outside the petroleum plume because microbial activity is consuming DO, resulting in an anaerobic and reducing aquifer environment within the petroleum plume. An aquifer with a neutral pH (6 to 8 s.u.) is optimum for biodegradation of petroleum compounds (EPA, 2016). Optimally, for aerobic or anaerobic biodegradation of petroleum compounds, an aquifer environment should be above 15°C.

4.0 RECOMMENDATIONS

Based on these findings and previous discussions with the NMOCD, Ensolum recommends the following:

- Report the groundwater monitoring results to the NMOCD.
- Conduct an aquifer characterization and would include further evaluation of the water supply availability through records research, a walking receptor survey and performing a constant rate discharge test on three select monitoring wells.
- Submit a Revised Stage II Abatement Plan to the NMOCD.
- Continue semi-annual groundwater monitoring at the Site.

5.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

5.1 Standard of Care

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

5.2 Limitations

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

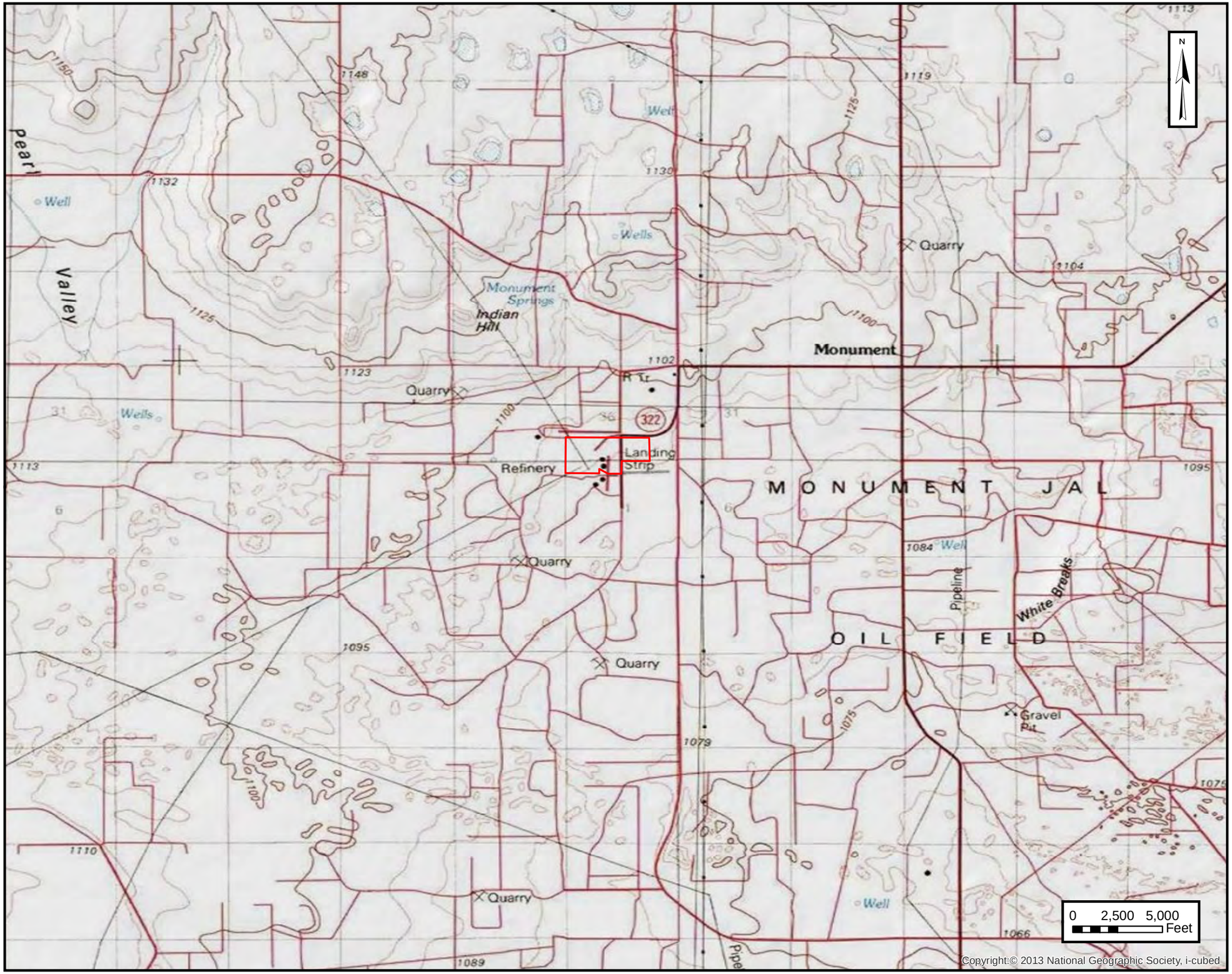
5.3 Reliance

This report has been prepared for the exclusive use of Targa, 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 Targa 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.

ENSOLUM

APPENDIX A

Figures



LEGEND:

Site Boundary

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

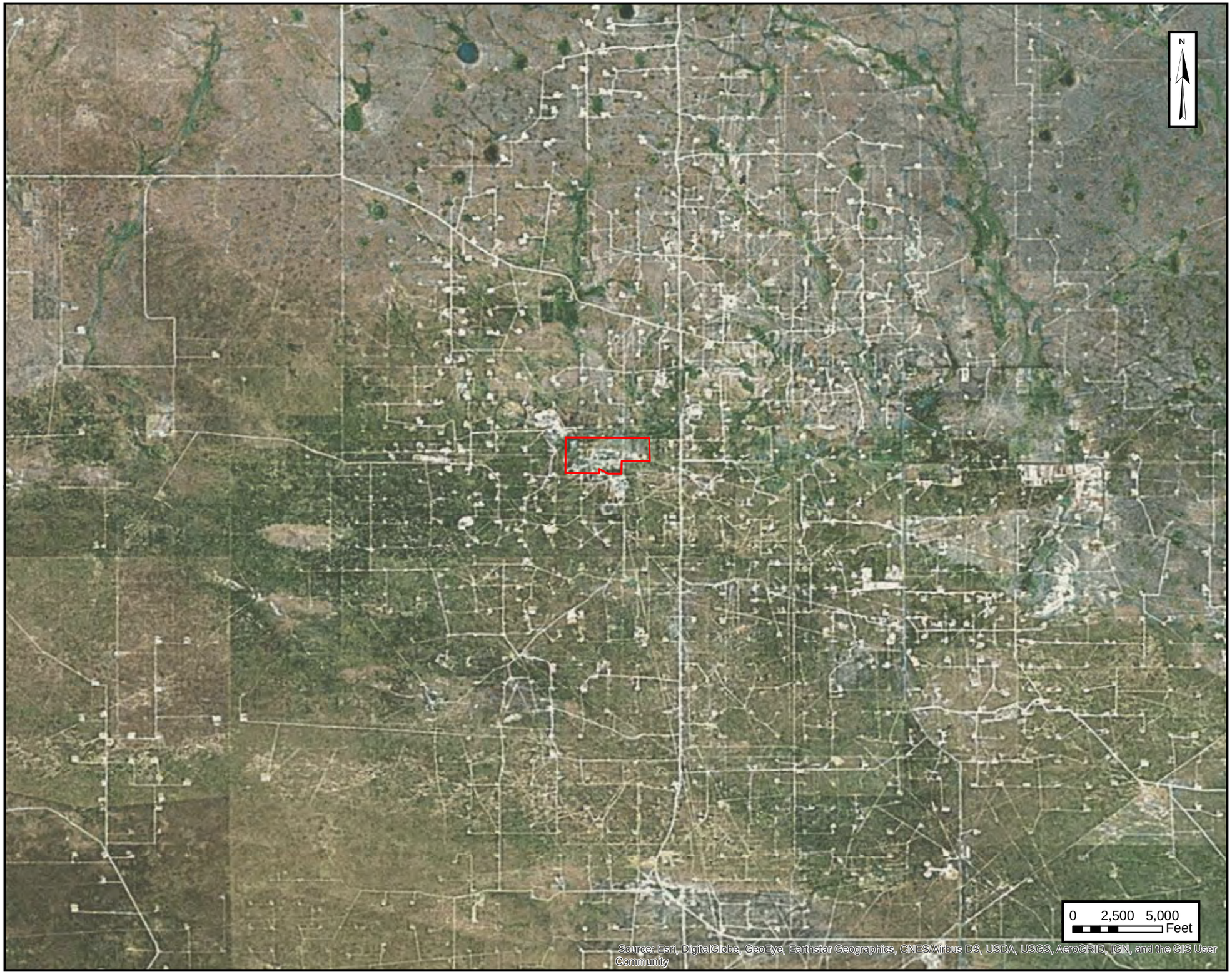
TOPOGRAPHIC MAP

TARGA MIDSTREAM SERVICES LLC
TARGA MONUMENT GAS PLANT

SW/4 S36 T19S R36E, Monument, Lea County, New Mexico
32.610604° N, 103.312188° W

FIGURE
1

PROJECT NUMBER: 03B1136075



LEGEND:

Site Boundary

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

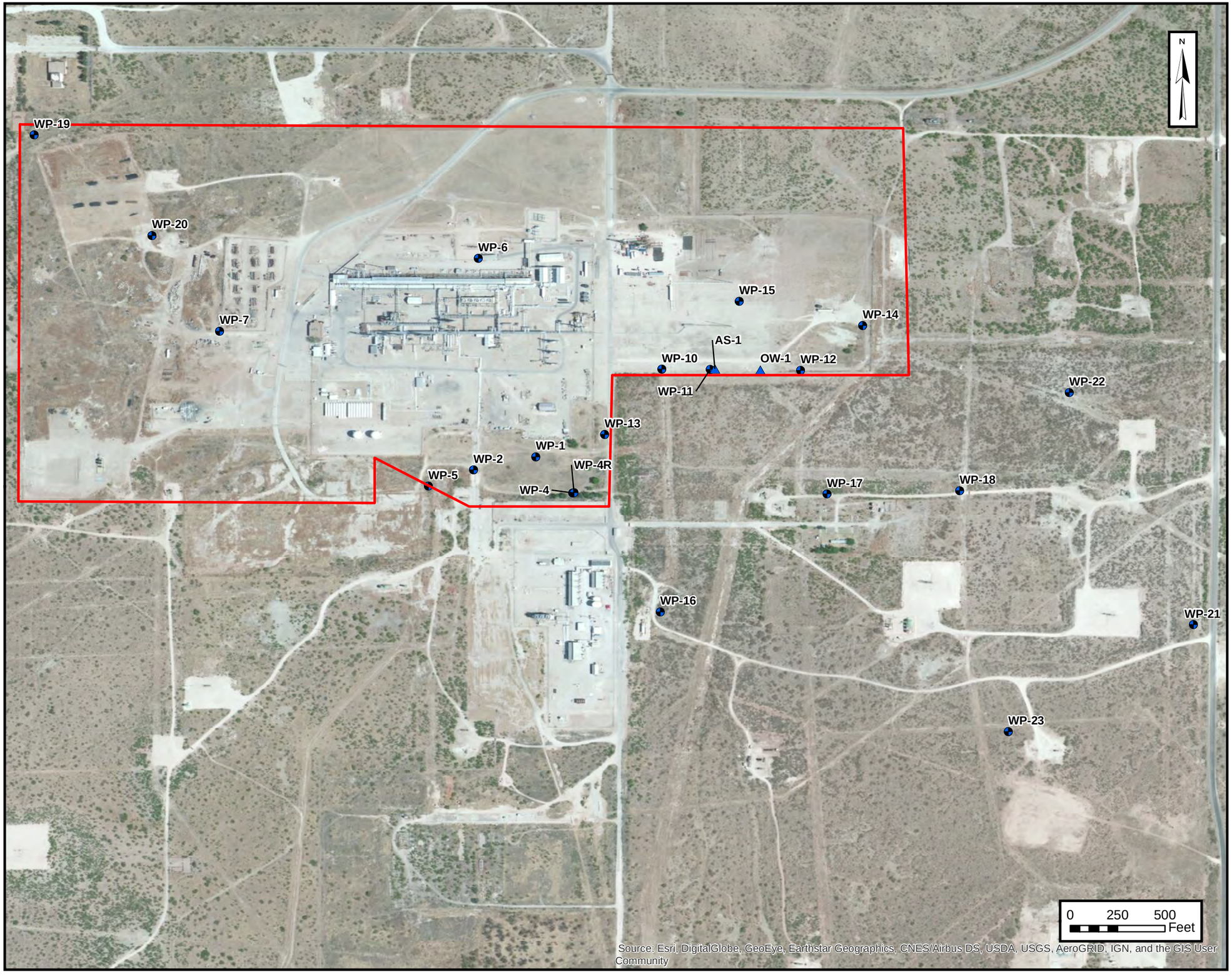
SITE VICINITY MAP

TARGA MIDSTREAM SERVICES LLC
TARGA MONUMENT GAS PLANT

SW/4 S36 T19S R36E, Monument, Lea County, New Mexico
32.610604° N, 103.312188° W

FIGURE
2

PROJECT NUMBER: 03B1136075



LEGEND:

- Site Boundary
- Monitoring Well Location
- Air Sparging Well

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

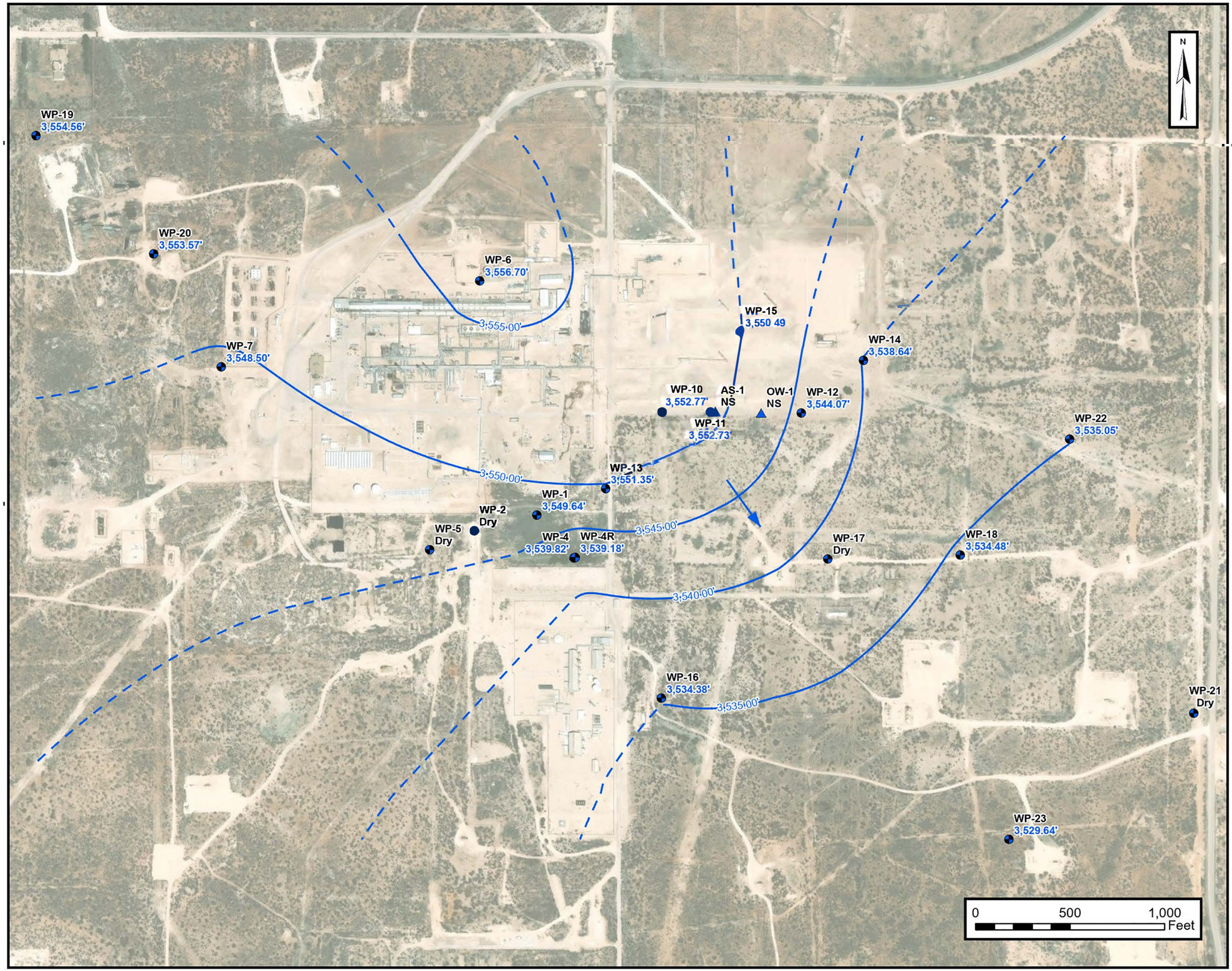
SITE MAP

TARGA MIDSTREAM SERVICES LLC
TARGA MONUMENT GAS PLANT

SW/4 S36 T19S R36E, Monument, Lea County, New Mexico
32.610604° N, 103.312188° W

FIGURE
3

PROJECT NUMBER: 03B1136075



LEGEND:

- Monitoring Well Location
- Air Sparging Well
- Groundwater Elevation Contour (Contour Interval = 5.0')
- Inferred Groundwater Elevation Contour
- Groundwater Flow Direction

NOTE:

Groundwater Elevations in **Blue** are Listed in Feet Measured from a Local Datum.

NS - Not Surveyed

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

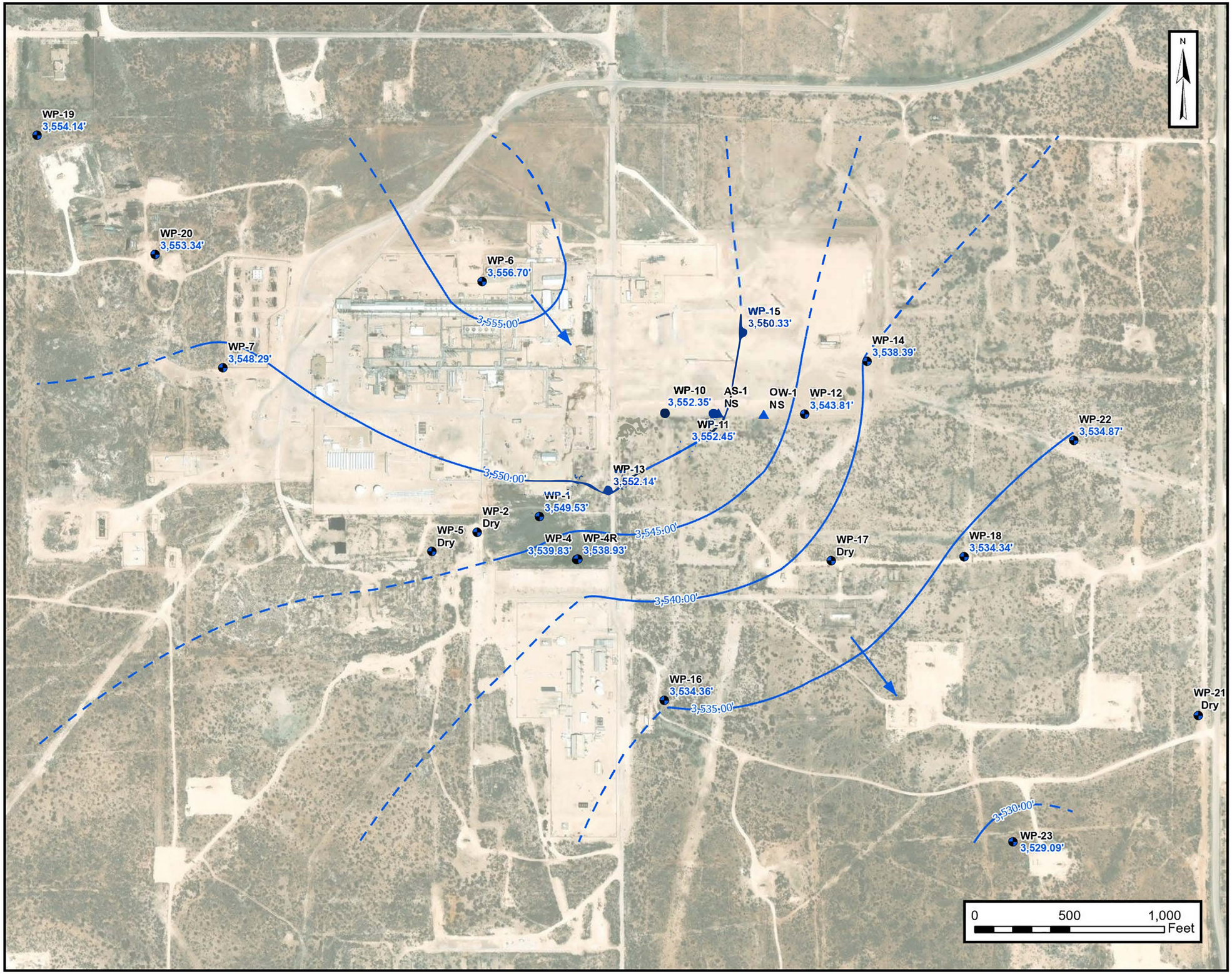
GROUNDWATER GRADIENT MAP
APRIL 2024

TARGA MIDSTREAM SERVICES LLC
TARGA MONUMENT GAS PLANT

SW/4 S36 T19S R36E, Monument, Lea County, New Mexico
32.610604° N, 103.312188° W

FIGURE
4A

PROJECT NUMBER: 03B1136075



LEGEND:

- Monitoring Well Location
- Air Sparging Well
- Groundwater Elevation Contour (Contour Interval = 5.0')
- Inferred Groundwater Elevation Contour
- Groundwater Flow Direction

NOTE:

Groundwater Elevations in **Blue** are Listed in Feet Measured from a Local Datum.

NS - Not Surveyed

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

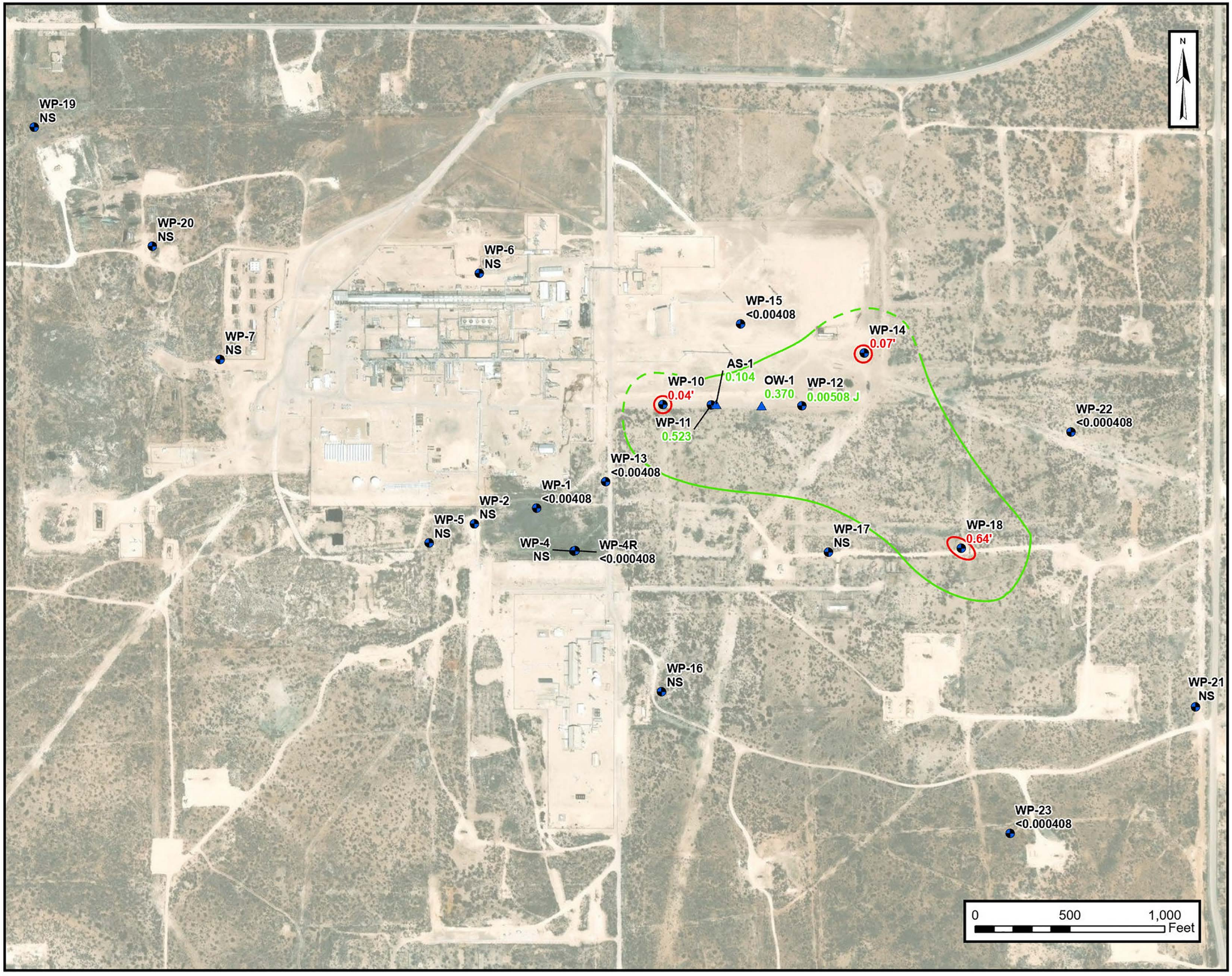
GROUNDWATER GRADIENT MAP
OCTOBER 2024

TARGA MIDSTREAM SERVICES LLC
TARGA MONUMENT GAS PLANT

SW/4 S36 T19S R36E, Monument, Lea County, New Mexico
32.610604° N, 103.312188° W

FIGURE
4B

PROJECT NUMBER: 03B1136075



LEGEND:

- Monitoring Well Location
- Air Sparging Well
- Approximate Extent of LNAPL
- Benzene Exceedance Zone
- Inferred Benzene Exceedance Zone

NOTE:
All Concentrations are Listed in mg/L.

Concentrations in **Green** exceed the Applicable New Mexico Water Quality Control Commission Standards of 0.005 mg/L for Benzene.

LNAPL Thickness in **Red** are Listed in Feet.

NS-Not Sampled

LNAPL - light non-aqueous phase liquid

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

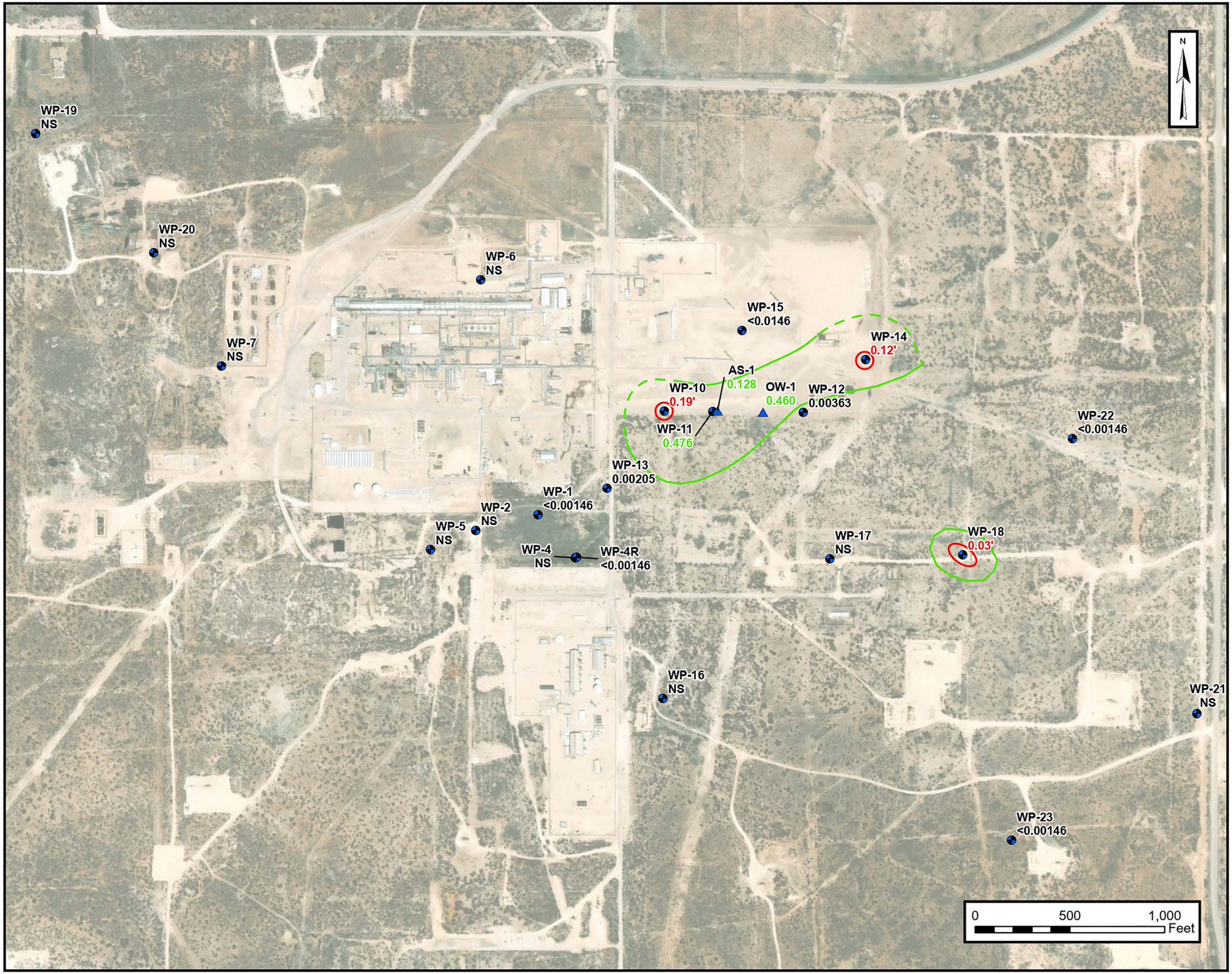
GROUNDWATER QUALITY EXCEEDANCE ZONE BENZENE MAP
APRIL 2024

TARGA MIDSTREAM SERVICES LLC
TARGA MONUMENT GAS PLANT

SW/4 S36 T19S R36E, Monument, Lea County, New Mexico
32.610604° N, 103.312188° W

FIGURE
5A

PROJECT NUMBER: 03B1136075



LEGEND:

- Monitoring Well Location
- Air Sparging Well
- Approximate Extent of LNAPL
- Benzene Exceedance Zone
- Inferred Benzene Exceedance Zone

NOTE:

All Concentrations are Listed in mg/L.

Concentrations in **Green** exceed the Applicable New Mexico Water Quality Control Commission Standards of 0.05 mg/L fro Benzene.

LNAPL Thickness in **Red** are Listed in Feet.

NS-Not Sampled

LNAPL - light non-aqueous phase liquid

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

GROUNDWATER QUALITY EXCEEDANCE ZONE BENZENE MAP
OCTOBER 2024

TARGA MIDSTREAM SERVICES LLC
TARGA MONUMENT GAS PLANT

SW/4 S36 T19S R36E, Monument, Lea County, New Mexico
32.610604° N, 103.312188° W

FIGURE
5B

PROJECT NUMBER: 03B1136075

APPENDIX B

Tables

ENSOLUM

TABLE 1
GROUNDWATER ELEVATION RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Top-of-Casing Elevation (feet)	Total Depth (feet bgs)	Depth to LNAPL (feet bgs)	Depth to Water (feet bgs)	LNAPL Thickness (feet)	Corrected Groundwater Elevation (feet AMSL)
WP-1	3/26/2019	3,578.01	34.92	-	27.66	-	3,550.35
	9/10/2019			-	26.98	-	3,551.03
	4/28/2020			-	25.40	-	3,552.61
	10/13/2020			-	28.48	-	3,549.53
	4/29/2021			-	30.68	-	3,547.33
	10/18/2021			-	26.30	-	3,551.71
	4/21/2022			-	29.44	-	3,548.57
	10/17/2022			-	29.55	-	3,548.46
	4/20/2023			-	29.95	-	3,548.06
	10/18/2023			-	28.28	-	3,549.73
	4/25/2024			-	28.37	-	3,549.64
	10/23/2024			-	28.48	-	3,549.53
WP-2	3/26/2019	3,577.77	31.75	-	Dry	-	-
	9/10/2019			-	Dry	-	-
	4/28/2020			-	Dry	-	-
	10/13/2020			-	Dry	-	-
	4/29/2021			-	Dry	-	-
	10/18/2021			-	Dry	-	-
	4/21/2022			-	Dry	-	-
	10/17/2022			-	Dry	-	-
	4/20/2023			-	Dry	-	-
	10/18/2023			-	Dry	-	-
	4/25/2024			-	Dry	-	-
	10/23/2024			-	Dry	-	-
WP-3	9/10/2019	Converted Into Cathotic Protection Well					
WP-4	3/26/2019	3,577.15	37.40	-	37.24	-	3,539.91
	9/10/2019			-	37.28	-	3,539.87
	4/28/2020			-	36.47	-	3,540.68
	10/13/2020			-	37.28	-	3,539.87
	4/29/2021			-	37.28	-	3,539.87
	10/18/2021			-	37.30	-	3,539.85
	4/21/2022			-	37.32	-	3,539.83
	10/17/2022			-	37.35	-	3,539.80
	4/20/2023			-	37.31	-	3,539.84
	10/18/2023			-	37.32	-	3,539.83
	4/25/2024			-	37.33	-	3,539.82
	10/23/2024			-	37.32	-	3,539.83
WP-4R	3/26/2019	3,578.35	40.85	-	37.12	-	3,541.23
	9/10/2019			-	37.21	-	3,541.14
	4/28/2020			-	36.26	-	3,542.09
	10/13/2020			-	37.37	-	3,540.98
	4/29/2021			-	38.54	-	3,539.81
	10/18/2021			-	38.58	-	3,539.77
	4/21/2022			-	38.92	-	3,539.43
	10/17/2022			-	39.24	-	3,539.11
	4/20/2023			-	39.05	-	3,539.30
	10/18/2023			-	39.24	-	3,539.11
	4/25/2024			-	39.17	-	3,539.18
	10/23/2024			-	39.42	-	3,538.93

ENSOLUM

TABLE 1
GROUNDWATER ELEVATION RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Top-of-Casing Elevation (feet)	Total Depth (feet bgs)	Depth to LNAPL (feet bgs)	Depth to Water (feet bgs)	LNAPL Thickness (feet)	Corrected Groundwater Elevation (feet AMSL)
WP-5	3/26/2019	3,579.50	38.02	-	37.68	-	3,541.82
	9/10/2019			-	38.05	-	3,541.45
	4/28/2020			-	37.92	-	3,541.58
	10/13/2020			-	38.05	-	3,541.45
	4/29/2021			-	38.08	-	3,541.42
	10/18/2021			-	Dry	-	-
	4/21/2022			-	Dry	-	-
	10/17/2022			-	Dry	-	-
	4/20/2023			-	Dry	-	-
	10/18/2023			-	Dry	-	-
	4/25/2024			-	Dry	-	-
	10/23/2024			-	Dry	-	-
WP-6	3/26/2019	3,585.36	30.53	-	28.62	-	3,556.74
	9/10/2019			-	28.64	-	3,556.72
	4/28/2020			-	28.63	-	3,556.73
	10/13/2020			-	28.64	-	3,556.72
	4/29/2021			-	28.67	-	3,556.69
	10/18/2021			-	28.63	-	3,556.73
	4/21/2022			-	28.68	-	3,556.68
	10/17/2022			-	28.68	-	3,556.68
	4/20/2023			-	28.66	-	3,556.70
	10/18/2023			-	28.63	-	3,556.73
	4/25/2024			-	28.66	-	3,556.70
	10/23/2024			-	28.66	-	3,556.70
WP-7	3/26/2019	3,583.04	37.63	-	32.88	-	3,550.16
	9/10/2019			-	33.26	-	3,549.78
	4/28/2020			-	33.15	-	3,549.89
	10/13/2020			-	33.38	-	3,549.66
	4/29/2021			-	33.78	-	3,549.26
	10/18/2021			-	33.62	-	3,549.42
	4/21/2022			-	33.97	-	3,549.07
	10/17/2022			-	34.23	-	3,548.81
	4/20/2023			-	34.32	-	3,548.72
	10/18/2023			-	34.37	-	3,548.67
	4/25/2024			-	34.54	-	3,548.50
	10/23/2024			-	34.75	-	3,548.29
WP-8	9/10/2019	Converted Into Cathotic Protection Well					
WP-9	9/10/2019	Converted Into Cathotic Protection Well					
WP-10	3/26/2019	3,580.08	37.13	-	26.34	-	3,553.74
	9/10/2019			-	26.38	-	3,553.70
	4/28/2020			-	26.26	-	3,553.82
	10/13/2020			-	26.77	-	3,553.31
	4/29/2021			-	27.50	-	3,552.58
	10/18/2021			26.81	26.82	0.01	3,553.26
	4/21/2022			27.31	27.37	0.06	3,552.71
	10/17/2022			27.60	27.75	0.15	3,552.33
	4/20/2023			27.31	27.41	0.10	3,552.67
	10/18/2023			27.29	27.38	0.09	3,552.70
	4/25/2024			27.27	27.31	0.04	3,552.77
	10/23/2024			27.54	27.73	0.19	3,552.35

ENSOLUM

TABLE 1
GROUNDWATER ELEVATION RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Top-of-Casing Elevation (feet)	Total Depth (feet bgs)	Depth to LNAPL (feet bgs)	Depth to Water (feet bgs)	LNAPL Thickness (feet)	Corrected Groundwater Elevation (feet AMSL)
WP-11	3/26/2019	3,581.23	36.41	-	27.52	-	3,553.71
	9/10/2019			-	27.58	-	3,553.65
	4/28/2020			-	27.44	-	3,553.79
	10/13/2020			-	27.95	-	3,553.28
	4/29/2021			-	28.68	-	3,552.55
	10/18/2021			-	27.96	-	3,553.27
	4/21/2022			-	28.48	-	3,552.75
	10/17/2022			-	28.74	-	3,552.49
	4/20/2023			-	27.86	-	3,553.37
	10/18/2023			-	28.49	-	3,552.74
	4/25/2024			-	28.50	-	3,552.73
	10/24/2024			-	28.78	-	3,552.45
WP-12	3/26/2019	3,581.89	43.27	-	36.41	-	3,545.48
	9/10/2019			-	36.72	-	3,545.17
	4/28/2020			-	36.56	-	3,545.33
	10/13/2020			-	37.03	-	3,544.86
	4/29/2021			-	37.62	-	3,544.27
	10/18/2021			-	37.39	-	3,544.50
	4/21/2022			-	37.65	-	3,544.24
	10/17/2022			-	37.85	-	3,544.04
	4/20/2023			-	37.75	-	3,544.14
	10/18/2023			-	37.77	-	3,544.12
	4/25/2024			-	37.82	-	3,544.07
	10/23/2024			-	38.08	-	3,543.81
WP-13	3/26/2019	3,580.56	36.54	-	28.03	-	3,552.53
	9/10/2019			-	27.92	-	3,552.64
	4/28/2020			-	27.64	-	3,552.92
	10/13/2020			-	28.49	-	3,552.07
	4/29/2021			-	29.38	-	3,551.18
	10/18/2021			-	28.59	-	3,551.97
	4/21/2022			-	29.15	-	3,551.41
	10/17/2022			-	29.42	-	3,551.14
	4/20/2023			-	29.12	-	3,551.44
	10/18/2023			-	29.17	-	3,551.39
	4/25/2024			-	29.21	-	3,551.35
	10/23/2024			-	28.42	-	3,552.14
WP-14	3/26/2019	3,581.81	48.35	-	40.07	-	3,541.74
	9/10/2019			-	40.53	-	3,541.28
	4/28/2020			-	40.86	-	3,540.95
	10/13/2020			-	41.41	-	3,540.40
	4/29/2021			-	42.16	-	3,539.65
	10/18/2021			-	42.01	-	3,539.80
	4/21/2022			-	42.22	-	3,539.59
	10/17/2022			-	42.62	-	3,539.19
	4/20/2023			-	42.88	-	3,538.93
	10/18/2023			43.00	43.06	0.06	3,538.75
	4/25/2024			43.10	43.17	0.07	3,538.64
	10/23/2024			43.30	43.42	0.12	3,538.39

ENSOLUM

TABLE 1
GROUNDWATER ELEVATION RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Top-of-Casing Elevation (feet)	Total Depth (feet bgs)	Depth to LNAPL (feet bgs)	Depth to Water (feet bgs)	LNAPL Thickness (feet)	Corrected Groundwater Elevation (feet AMSL)
WP-15	3/26/2019	3,582.27	35.07	-	31.50	-	3,550.77
	9/10/2019			-	31.49	-	3,550.78
	4/28/2020			-	31.32	-	3,550.95
	10/13/2020			-	31.48	-	3,550.79
	4/29/2021			-	31.86	-	3,550.41
	10/18/2021			-	31.65	-	3,550.62
	4/21/2022			-	31.78	-	3,550.49
	10/17/2022			-	31.90	-	3,550.37
	4/20/2023			-	31.82	-	3,550.45
	10/18/2023			-	31.87	-	3,550.40
	4/25/2024			-	31.78	-	3,550.49
	10/23/2024			-	31.94	-	3,550.33
WP-16	3/26/2019	3,575.83	41.54	-	38.31	-	3,537.52
	9/10/2019			-	37.95	-	3,537.88
	4/28/2020			-	38.75	-	3,537.08
	10/13/2020			-	39.12	-	3,536.71
	4/29/2021			-	40.02	-	3,535.81
	10/18/2021			-	40.55	-	3,535.28
	4/21/2022			-	40.88	-	3,534.95
	10/17/2022			-	41.30	-	3,534.53
	4/20/2023			-	41.30	-	3,534.53
	10/18/2023			-	41.50	-	3,534.33
	4/25/2024			-	41.45	-	3,534.38
	10/23/2024			-	41.47	-	3,534.36
WP-17	3/26/2019	3,579.34	40.08	-	40.05	-	3,539.29
	9/10/2019			-	40.05	-	3,539.29
	4/28/2020			-	40.05	-	3,539.29
	10/13/2020			-	DRY	-	-
	4/29/2021			-	40.06	-	3,539.28
	10/18/2021			-	40.05	-	3,539.29
	4/21/2022			-	Dry	-	-
	10/17/2022			-	40.12	-	3,539.22
	4/20/2023			-	Dry	-	-
	10/18/2023			-	Dry	-	-
	4/25/2024			-	Dry	-	-
	10/23/2024			-	Dry	-	-
WP-18	3/26/2019	3,579.24	44.57	40.04	40.12	0.08	3,539.18
	9/10/2019			40.51	40.68	0.17	3,538.69
	4/28/2020			41.12	41.35	0.23	3,538.06
	10/13/2020			41.18	41.41	0.23	3,538.00
	4/29/2021			42.18	42.78	0.60	3,536.92
	10/18/2021			42.65	43.42	0.77	3,536.41
	4/21/2022			43.12	43.61	0.49	3,536.00
	10/17/2022			43.57	44.15	0.58	3,535.53
	4/20/2023			43.75	44.22	0.47	3,535.38
	10/18/2023			44.18	44.95	0.77	3,534.88
	4/25/2024			44.61	45.25	0.64	3,534.48
	10/23/2024			44.89	44.92	0.03	3,534.34

ENSOLUM

TABLE 1
GROUNDWATER ELEVATION RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Top-of-Casing Elevation (feet)	Total Depth (feet bgs)	Depth to LNAPL (feet bgs)	Depth to Water (feet bgs)	LNAPL Thickness (feet)	Corrected Groundwater Elevation (feet AMSL)
WP-19	3/26/2019	3,588.25	54.31	-	30.58	-	3,557.67
	9/10/2019			-	31.13	-	3,557.12
	4/28/2020			-	31.18	-	3,557.07
	10/13/2020			-	31.68	-	3,556.57
	4/29/2021			-	32.06	-	3,556.19
	10/18/2021			-	32.53	-	3,555.72
	4/21/2022			-	32.76	-	3,555.49
	10/17/2022			-	33.19	-	3,555.06
	4/20/2023			-	33.27	-	3,554.98
	10/18/2023			-	33.62	-	3,554.63
	4/25/2024			-	33.69	-	3,554.56
	10/23/2024			-	34.11	-	3,554.14
WP-20	3/26/2019	3,587.02	52.33	-	31.02	-	3,556.00
	9/10/2019			-	31.40	-	3,555.62
	4/28/2020			-	31.59	-	3,555.43
	10/13/2020			-	31.84	-	3,555.18
	4/29/2021			-	32.22	-	3,554.80
	10/18/2021			-	32.51	-	3,554.51
	4/21/2022			-	32.70	-	3,554.32
	10/17/2022			-	32.95	-	3,554.07
	4/20/2023			-	33.11	-	3,553.91
	10/18/2023			-	33.31	-	3,553.71
	4/25/2024			-	33.45	-	3,553.57
	10/23/2024			-	33.68	-	3,553.34
WP-21	3/26/2019	3,574.61	52.77	-	Dry	-	-
	9/10/2019			-	Dry	-	-
	4/28/2020			-	Dry	-	-
	10/13/2020			-	Dry	-	-
	4/29/2021			-	Dry	-	-
	10/18/2021			-	Dry	-	-
	4/21/2022			-	36.35	-	3,538.26
	10/17/2022			-	Dry	-	-
	4/20/2023			-	Dry	-	-
	10/18/2023			-	Dry	-	-
	4/25/2024			-	Dry	-	-
	10/23/2024			-	Dry	-	-
WP-22	3/26/2019	3,581.05	53.49	-	40.18	-	3,540.87
	9/10/2019			-	40.99	-	3,540.06
	4/28/2020			-	41.66	-	3,539.39
	10/13/2020			-	42.48	-	3,538.57
	4/29/2021			-	43.45	-	3,537.60
	10/18/2021			-	43.62	-	3,537.43
	4/21/2022			-	43.75	-	3,537.30
	10/17/2022			-	44.52	-	3,536.53
	4/20/2023			-	45.22	-	3,535.83
	10/18/2023			-	45.38	-	3,535.67
	4/25/2024			-	46.00	-	3,535.05
	10/23/2024			-	46.18	-	3,534.87

ENSOLUM

TABLE 1
GROUNDWATER ELEVATION RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Top-of-Casing Elevation (feet)	Total Depth (feet bgs)	Depth to LNAPL (feet bgs)	Depth to Water (feet bgs)	LNAPL Thickness (feet)	Corrected Groundwater Elevation (feet AMSL)
WP-23	3/26/2019	3,572.29	52.50	-	38.25	-	3,534.04
	9/10/2019			-	38.72	-	3,533.57
	4/28/2020			-	38.99	-	3,533.30
	10/13/2020			-	39.42	-	3,532.87
	4/29/2021			-	39.94	-	3,532.35
	10/18/2021			-	40.44	-	3,531.85
	4/21/2022			-	40.85	-	3,531.44
	10/17/2022			-	41.39	-	3,530.90
	4/20/2023			-	41.80	-	3,530.49
	10/18/2023			-	42.25	-	3,530.04
	4/25/2024			-	42.65	-	3,529.64
	10/23/2024			-	43.20	-	3,529.09
AS-1	3/26/2019	-	32.57	-	26.97	-	-
	9/10/2019			-	27.01	-	-
	4/28/2020			-	26.86	-	-
	10/13/2020			-	27.40	-	-
	4/29/2021			-	28.15	-	-
	10/18/2021			-	27.40	-	-
	4/21/2022			-	27.92	-	-
	10/17/2022			-	28.23	-	-
	4/20/2023			-	27.92	-	-
	10/18/2023			-	27.62	-	-
	4/25/2024			-	27.95	-	-
	10/23/2024			-	28.24	-	-
OW-1	3/26/2019	-	33.70	-	26.63	-	-
	9/10/2019			-	26.61	-	-
	4/28/2020			-	26.52	-	-
	10/13/2020			-	27.06	-	-
	4/29/2021			-	27.83	-	-
	10/18/2021			-	27.05	-	-
	4/21/2022			-	27.60	-	-
	10/17/2022			-	27.93	-	-
	4/20/2023			-	27.59	-	-
	10/18/2023			-	27.96	-	-
	4/25/2024			-	27.62	-	-
	10/23/2024			-	28.00	-	-

bgs - below ground surface
LNAPL - light non-aqueous phase liquid
AMSL - above mean sea level
- Not Available

ENSOLUM

TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		**0.005**	**1**	**0.7**	**0.62**
WP-1	5/30/2013	**0.0029**	<0.0020	**0.00329**	<0.00300
	11/12/2013	**0.0555**	**0.00329**	<0.002	<0.003
	5/28/2014	Not Sampled - Insufficient Water Volume			
	9/16/2014	**0.0277**	**0.00103**	**0.00326**	<0.002
	12/11/2014	**0.0801**	<0.002	**0.00326**	<0.002
	5/20/2015	**0.0639**	<0.006	**0.00825**	<0.009
	11/12/2015	**0.0748**	<0.006	**0.00992**	<0.009
	6/14/2016	**0.0146**	**0.0081**	<0.006	<0.009
	11/1/2016	**0.0472**	<0.00600	**0.0291**	<0.00900
	6/27/2017	**0.0264**	<0.00600	**0.0290**	<0.00600
	12/13/2017	**0.0242**	<0.002	**0.0447**	<0.002
	3/27/2019	**0.00572**	<0.000500	**0.0202**	<0.000500
	9/11/2019	**0.0117**	<0.000500	**0.0305**	**0.000530 J**
	4/28/2020	<0.000408	<0.000367	<0.000657	<0.000630
	10/13/2020	**0.00948**	<0.000367	<0.000657	<0.000630
	4/30/2021	**0.00441**	**0.00263**	**0.00181 J**	**0.0190**
	10/19/2021	**0.00230**	<0.000367	**0.00215**	**0.0294**
	4/22/2022	**0.00514 J**	<0.000367	<0.000657	<0.000642
	10/18/2022	<0.00408	<0.00367	<0.00657	<0.00642
	4/21/2023	<0.00408	<0.00367	<0.00657	<0.00642
	10/19/2023	<0.00408	<0.00367	<0.00657	<0.00642
	4/25/2024	<0.00408	<0.00367	<0.00657	<0.00642
	10/23/2024	<0.00146	<0.000985	<0.00105	<0.00263
WP-2	5/30/2013	Not Sampled - Insufficient Water Volume			
	11/12/2013	Not Sampled - Insufficient Water Volume			
	5/28/2014	Not Sampled - Insufficient Water Volume			
	12/11/2014	**0.0134**	<0.002	**0.00063**	<0.001
	11/1/2016	**0.00305**	<0.006	<0.006	<0.009
	11/1/2016	Not Sampled - Insufficient Water Volume			
	6/27/2017	Not Sampled - Insufficient Water Volume			
	12/13/2017	**0.00220**	<0.002	<0.002	<0.002
	3/26/2019	* - Not Sampled			
	9/10/2019	* - Not Sampled			
	4/28/2020	* - Not Sampled			
	10/13/2020	* - Not Sampled			
	4/30/2021	* - Not Sampled			
	10/18/2021	* - Not Sampled			
	4/21/2022	Not Sampled - Insufficient Water Volume			
	10/18/2022	Not Sampled - Insufficient Water Volume			
	4/20/2023	Not Sampled - Insufficient Water Volume			
	10/18/2023	Not Sampled - Insufficient Water Volume			
	4/25/2024	Not Sampled - Insufficient Water Volume			
	10/23/2024	Not Sampled - Insufficient Water Volume			
WP-4	3/26/2019	* - Not Sampled			
	4/28/2020	* - Not Sampled			
	10/13/2020	* - Not Sampled			
	4/30/2021	* - Not Sampled			
	10/18/2021	* - Not Sampled			
	4/21/2022	* - Not Sampled			
	10/18/2022	* - Not Sampled			
	4/20/2023	* - Not Sampled			
	10/18/2023	* - Not Sampled			
	4/25/2024	* - Not Sampled			
	10/23/2024	* - Not Sampled			

ENSOLUM

TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		**0.005**	**1**	**0.7**	**0.62**
WP-4R	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	Not Sampled - Insufficient Water Volume			
	5/28/2014	**0.00179**	<0.002	<0.002	**0.00304**
	9/16/2014	<0.001	<0.001	**0.00116**	<0.002
	12/11/2014	**0.0046**	<0.002	**0.00096**	<0.001
	5/20/2015	<0.002	<0.002	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/14/2016	<0.002	<0.006	<0.006	<0.009
	11/1/2016	**0.00374**	<0.006	<0.006	<0.009
	6/27/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/13/2017	<0.0008	<0.002	<0.002	<0.002
	3/26/2019	<0.000500	<0.000500	<0.000500	<0.000500
	9/10/2019	<0.000214	<0.000500	<0.000146	<0.000192
	4/29/2020	<0.000408	**0.000490 J**	<0.000657	<0.000630
	10/13/2020	<0.000408	<0.000367	<0.000657	<0.000630
	4/30/2021	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2021	<0.000408	<0.000367	<0.000657	<0.000642
	4/21/2022	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2022	<0.000408	<0.000367	<0.000657	<0.000642
	4/20/2023	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2023	<0.000408	<0.000367	<0.000657	**0.00153 J**
	4/25/2024	<0.000408	<0.000367	<0.000657	<0.000642
	10/23/2024	<0.00146	<0.000985	<0.00105	<0.00263
WP-5	5/30/2013	Not Sampled - Insufficient Water Volume			
	11/12/2013	Not Sampled - Insufficient Water Volume			
	5/28/2014	Not Sampled - Insufficient Water Volume			
	12/12/2014	**0.2480**	<0.002	**0.00428**	<0.001
	5/19/2015	**0.5200**	<0.03	<0.03	<0.045
	11/12/2015	**0.0772**	<0.006	<0.006	<0.009
	6/14/2016	**0.0409**	<0.006	<0.006	<0.009
	11/1/2016	**0.0503**	<0.006	<0.006	<0.009
	6/27/2017	**0.340**	<0.00600	<0.00600	<0.00600
	12/13/2017	**0.124**	<0.002	<0.002	<0.002
	3/26/2019	Not Sampled - Insufficient Water Volume			
	4/28/2020	Not Sampled - Insufficient Water Volume			
	9/10/2019	Not Sampled - Insufficient Water Volume			
	4/28/2020	Not Sampled - Insufficient Water Volume			
	10/13/2020	Not Sampled - Insufficient Water Volume			
	4/30/2021	Not Sampled - Insufficient Water Volume			
	10/18/2021	Not Sampled - Insufficient Water Volume			
	4/21/2022	Not Sampled - Insufficient Water Volume			
	10/18/2022	Not Sampled - Insufficient Water Volume			
	4/20/2023	Not Sampled - Insufficient Water Volume			
	10/18/2023	Not Sampled - Insufficient Water Volume			
	4/25/2024	Not Sampled - Insufficient Water Volume			
	10/23/2024	Not Sampled - Insufficient Water Volume			

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		**0.005**	**1**	**0.7**	**0.62**
WP-6	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	<0.0008	<0.002	<0.002	<0.003
	5/28/2014	Not Sampled - Insufficient Water Volume			
	9/16/2014	<0.001	<0.001	<0.001	<0.002
	12/12/2014	**0.0005**	<0.002	<0.001	<0.001
	5/19/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/14/2016	<0.002	<0.006	<0.006	<0.009
	10/31/2016	<0.002	<0.006	<0.006	<0.009
	6/27/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/18/2017	<0.0008	<0.002	<0.002	<0.002
	3/26/2019	* - Not Sampled			
	9/10/2019	* - Not Sampled			
	4/28/2020	* - Not Sampled			
	10/13/2020	* - Not Sampled			
	4/30/2021	* - Not Sampled			
	10/18/2021	* - Not Sampled			
	4/21/2022	* - Not Sampled			
	10/18/2022	* - Not Sampled			
	4/20/2023	* - Not Sampled			
	10/18/2023	* - Not Sampled			
	4/25/2024	* - Not Sampled			
	10/23/2024	* - Not Sampled			
WP-7	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	<0.0008	<0.002	<0.002	<0.003
	5/28/2014	<0.0008	<0.002	<0.002	<0.003
	12/12/2014	<0.001	<0.002	<0.001	<0.001
	5/19/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/14/2016	<0.002	<0.006	<0.006	<0.009
	10/31/2016	<0.002	<0.006	<0.006	<0.009
	6/27/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/14/2017	<0.0008	<0.002	<0.002	<0.002
	3/26/2019	* - Not Sampled			
	4/28/2020	* - Not Sampled			
	9/10/2019	* - Not Sampled			
	4/28/2020	* - Not Sampled			
	10/13/2020	* - Not Sampled			
	4/30/2021	* - Not Sampled			
	10/18/2021	* - Not Sampled			
	4/21/2022	* - Not Sampled			
	10/18/2022	* - Not Sampled			
	4/20/2023	* - Not Sampled			
	10/18/2023	* - Not Sampled			
	4/25/2024	* - Not Sampled			
	10/23/2024	* - Not Sampled			
WP-8	Converted to Cathodic Protection Well				
WP-9	Converted to Cathodic Protection Well				

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		0.005	1	0.7	0.62
WP-10	5/30/2013	**2.23**	<0.100	**0.181**	**0.161**
	11/12/2013	**0.57**	<0.100	**0.192**	<0.150
	5/28/2014	**0.655**	<0.100	<0.100	<0.150
	9/16/2014	**0.368**	**0.00363**	**0.0542**	**0.02302**
	12/11/2014	**1.87**	<0.002	**0.156**	<0.001
	5/20/2015	**2.23**	<0.300	**0.147**	<0.450
	11/12/2015	**2.33**	<0.300	**0.181**	<0.450
	6/15/2016	**2.51**	**0.225**	<0.300	<0.450
	10/31/2016	**1.95**	**0.160**	<0.300	<0.450
	6/27/2017	Not Sampled - Insufficient Water Volume			
	12/18/2017	**1.90**	<0.1	**0.259**	<0.1
	3/27/2019	**0.127**	<0.000500	**0.0687**	<0.000500
	9/11/2019	**0.141**	<0.000500	**0.0473**	**0.000390 J**
	4/29/2020	**0.0863**	**0.000840 J**	**0.106**	**0.00198 J**
	10/14/2020	**0.166**	**0.0188 J**	**0.123**	<0.0126
	4/30/2021	**0.0279**	<0.000367	**0.0395**	<0.000642
	10/18/2021	Not Sampled Due to LNAPL			
	4/21/2022	Not Sampled Due to LNAPL			
	10/18/2022	Not Sampled Due to LNAPL			
	4/20/2023	Not Sampled Due to LNAPL			
	10/18/2023	Not Sampled Due to LNAPL			
	4/25/2024	Not Sampled Due to LNAPL			
	10/23/2024	Not Sampled Due to LNAPL			
WP-11	5/30/2013	**3.3**	<0.100	**0.465**	<0.150
	11/12/2013	**3.08**	<0.100	**0.421**	<0.150
	5/28/2014	**3.11**	<0.100	**0.785**	<0.150
	9/16/2014	**2.22**	**0.0236**	**0.522**	**0.01302**
	12/11/2014	**3.63**	<0.01	**0.555**	<0.005
	5/19/2015	**3.1**	<0.30	**0.505**	<0.450
	11/12/2015	**3.13**	<0.30	**0.484**	<0.450
	6/15/2016	**2.91**	**0.497**	<0.300	<0.450
	10/31/2016	**2.71**	**0.495**	<0.300	<0.450
	6/26/2017	**2.73**	**0.604**	<0.300	<0.300
	12/18/2017	**2.25**	<0.04	**0.759**	<0.04
	3/27/2019	**1.45**	<0.0100	**0.582**	<0.0100
	9/11/2019	**1.09**	<0.00250	**0.408**	<0.000958
	4/29/2020	**0.902**	**0.00450 J**	**0.133**	<0.00630
	10/14/2020	**0.875**	**0.00550 J**	**0.484**	**0.0163 J**
	4/30/2021	**0.677**	<0.000367	**0.476**	<0.000642
	10/19/2021	**0.581**	**0.000805 J**	**0.387**	**0.00314 J**
	4/22/2022	**0.836**	<0.000367	**0.472**	<0.000642
	10/18/2022	**0.418**	<0.00367	**0.184**	<0.00642
	4/20/2023	**0.565**	**0.00719 J**	**0.451**	<0.00642
	10/19/2023	**0.515**	<0.00367	**0.279**	<0.00642
	4/26/2024	**0.523**	<0.00367	<0.00657	<0.00642
	10/24/2024	**0.476**	<0.00985	**0.433**	<0.0263

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		0.005	1	0.7	0.62
WP-12	5/30/2013	**0.683**	<0.04	**0.228**	<0.06
	11/12/2013	**0.876**	<0.0400	**0.188**	<0.0600
	5/28/2014	**0.769**	<0.0400	**0.269**	<0.0600
	9/16/2014	**0.321**	<0.001	**0.154**	<0.002
	12/11/2014	**0.452**	<0.002	**0.161**	<0.001
	5/19/2015	**0.339**	<0.12	**0.136**	<0.180
	11/12/2015	**0.273**	<0.120	**0.359**	<0.180
	6/15/2016	**0.215**	**0.192**	<0.120	<0.180
	10/31/2016	**0.194**	**0.202**	<0.300	<0.450
	6/26/2017	**0.127**	**0.193**	<0.0300	<0.450
	12/18/2017	**0.127**	<0.01	**0.250**	<0.01
	3/27/2019	**0.0917**	<0.000500	**0.322**	<0.000500
	9/11/2019	**0.0733**	<0.000500	**0.166**	**0.000250 J**
	4/29/2020	**0.000880 J**	<0.000367	**0.00326**	<0.000630
	10/14/2020	**0.0593**	<0.000367	**0.380**	**0.0926**
	4/30/2021	**0.0149**	<0.000367	**0.0751**	<0.000642
	10/19/2021	**0.0179 J**	<0.00734	**0.190**	<0.0128
	4/22/2022	**0.0174 J**	<0.00367	**0.150**	<0.00642
	10/18/2022	**0.00622**	<0.000367	**0.050**	**0.000748 J**
	4/20/2023	**0.0189 J**	<0.00367	**0.120**	<0.00642
	10/18/2023	**0.00698 J**	<0.00367	**0.0732**	**0.00908 J**
	4/26/2024	**0.00508 J**	<0.00367	<0.00657	<0.00642
	10/24/2024	**0.00363**	**0.00116 J**	**0.0164**	<0.00263
WP-13	5/30/2013	<0.0008	**0.00204**	<0.002	<0.003
	11/12/2013	<0.0008	<0.002	<0.002	<0.003
	5/28/2014	**0.0100**	<0.002	<0.002	<0.003
	9/16/2014	**0.0054**	**0.00422**	**0.00313**	**0.02031**
	12/11/2014	**0.0009**	<0.002	<0.0005	<0.001
	5/20/2015	**0.0029**	<0.006	<0.006	<0.009
	11/12/2015	**0.0027**	<0.006	<0.006	<0.009
	6/14/2016	<0.002	<0.006	<0.006	<0.009
	11/1/2016	<0.00200	<0.00600	<0.00600	<0.00900
	6/26/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/18/2017	**0.000846**	<0.002	<0.002	<0.002
	3/26/2019	**0.00104**	<0.000500	<0.000500	<0.000500
	9/10/2019	**0.000280 J**	<0.000500	**0.000540 J**	<0.000192
	4/29/2020	<0.00408	<0.00367	<0.00657	<0.00630
	10/14/2020	**0.00303**	<0.000367	<0.000657	<0.000630
	4/30/2021	**0.000510 J**	<0.000367	<0.000657	<0.000642
	10/19/2021	**<0.0204**	<0.0184	<0.0329	<0.0321
	4/21/2022	<0.00408	<0.00367	<0.00657	<0.00630
	10/18/2022	<0.00408	<0.00367	<0.00657	<0.00642
	4/20/2023	**0.00452**	**0.000688 J**	<0.000657	**0.000912 J**
	10/18/2023	<0.00408	<0.00367	<0.00657	**0.00646 J**
	4/26/2024	<0.00408	<0.00367	<0.00657	<0.00642
	10/23/2024	**0.00205**	<0.000985	<0.00105	<0.00263

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		0.005	1	0.7	0.62
WP-14	5/30/2013	**0.0268**	**0.00259**	<0.002	<0.003
	11/12/2013	**0.0532**	<0.00200	<0.00200	<0.00300
	5/28/2014	**0.0036**	<0.002	<0.002	<0.003
	9/16/2014	**0.0014**	**0.00165**	**0.00143**	<0.002
	12/11/2014	**0.1780**	<0.002	**0.00089**	<0.001
	5/19/2015	**0.2200**	<0.006	<0.006	<0.009
	11/12/2015	**0.2450**	<0.030	<0.030	<0.045
	6/15/2016	**0.0293**	<0.006	<0.006	<0.009
	10/31/2016	**0.164**	<0.006	<0.006	<0.009
	6/26/2017	**0.0176**	<0.00600	<0.00600	<0.00600
	12/18/2017	**0.0781**	<0.002	<0.002	<0.002
	3/27/2019	**0.000610 J**	<0.000500	<0.000500	<0.000500
	9/11/2019	**0.000450 J**	<0.000500	<0.000146	<0.000192
	4/29/2020	<0.000408	<0.000367	<0.000657	<0.000630
	10/14/2020	**0.00150 J**	<0.000367	<0.000657	<0.000630
	4/30/2021	<0.000408	<0.000367	<0.000657	<0.000642
	10/19/2021	<0.00816	<0.00734	<0.0131	<0.0128
	4/21/2022	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2022	<0.000408	<0.000367	**0.000662 J**	**0.000647 J**
	4/20/2023	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2023	Not Sampled Due to LNAPL			
	4/26/2024	Not Sampled Due to LNAPL			
	10/23/2024	Not Sampled Due to LNAPL			
WP-15	5/30/2013	Not Sampled - Insufficient Water Volume			
	11/12/2013	Not Sampled - Insufficient Water Volume			
	5/28/2014	Not Sampled - Insufficient Water Volume			
	9/16/2014	**1.1800**	**0.041**	**0.308**	**0.407**
	12/11/2014	**0.9690**	<0.002	**0.0142**	<0.001
	5/19/2015	**0.3160**	<0.06	**0.081**	<0.090
	11/12/2015	**0.3700**	<0.060	**0.043**	<0.090
	6/15/2016	**0.3190**	0.0297	<0.006	<0.009
	10/31/2016	**0.330**	<0.030	<0.030	<0.045
	6/26/2017	**0.431**	<0.00600	<0.00600	<0.00600
	12/13/2017	**0.672**	<0.002	<0.002	<0.002
	3/27/2019	**0.0710**	<0.000500	**0.00124**	<0.000500
	9/11/2019	**0.0549**	<0.000500	**0.00209**	<0.000192
	4/29/2020	**0.0182**	**0.000750 J**	**0.000970 J**	**0.00302**
	10/14/2020	**0.0230**	<0.000367	**0.000860 J**	<0.000630
	4/30/2021	**0.0188**	<0.000367	<0.000657	<0.000642
	10/19/2021	**<0.0204**	<0.0184	<0.0329	<0.0321
	4/22/2022	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2022	<0.00408	<0.00367	<0.00657	<0.00642
	4/20/2023	**0.00224**	**0.000863 J**	**0.000788 J**	**0.00328 J**
	10/18/2023	<0.00408	<0.00367	<0.00657	<0.00642
	4/26/2024	<0.00408	<0.00367	<0.00657	<0.00642
	10/24/2024	**<0.0146**	<0.00985	<0.0105	<0.0263

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		0.005	1	0.7	0.62
WP-16	5/30/2013	Not Sampled - Insufficient Water Volume			
	11/12/2013	**0.0162**	<0.002	<0.002	<0.003
	5/28/2014	<0.008	<0.002	<0.002	<0.003
	9/15/2014	<0.001	<0.001	<0.001	<0.002
	12/12/2014	<0.001	<0.002	<0.001	<0.001
	5/20/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/15/2016	<0.002	<0.006	<0.006	<0.009
	11/1/2016	<0.00200	<0.00600	<0.00600	<0.00900
	6/27/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/13/2017	<0.0008	<0.002	<0.002	<0.002
	3/26/2019	<0.000500	<0.000500	<0.000500	<0.000500
	9/10/2019	<0.000214	<0.000500	<0.000146	<0.000192
	4/28/2020	**0.0004200 J**	**0.000380 J**	<0.000657	<0.000630
	10/13/2020	<0.000408	<0.000367	<0.000657	<0.000630
	4/30/2021	**0.000525 J**	**0.000369 J**	<0.000657	<0.000642
	10/19/2021	<0.000408	<0.000367	<0.000657	<0.000642
	4/21/2022	Not Sampled - Insufficient Water Volume			
	10/18/2022	Not Sampled - Insufficient Water Volume			
	4/20/2023	Not Sampled - Insufficient Water Volume			
	10/18/2023	Not Sampled - Insufficient Water Volume			
	4/26/2024	Not Sampled - Insufficient Water Volume			
	10/23/2024	Not Sampled - Insufficient Water Volume			
WP-17	5/30/2013	Not Sampled - Insufficient Water Volume			
	11/12/2013	Not Sampled - Insufficient Water Volume			
	5/28/2014	Not Sampled - Insufficient Water Volume			
	5/20/2015	Not Sampled - Insufficient Water Volume			
	11/12/2015	Not Sampled - Insufficient Water Volume			
	6/16/2016	**1.57**	**0.099**	<0.0600	<0.0900
	11/1/2016	**0.682**	<0.120	**0.21**	<0.180
	6/27/2017	**0.5380**	<0.00600	<0.00600	<0.00600
	12/18/2017	**1.41**	<0.2	<0.2	<0.2
	3/26/2019	Not Sampled - Insufficient Water Volume			
	9/11/2019	Not Sampled - Insufficient Water Volume			
	4/28/2020	Not Sampled - Insufficient Water Volume			
	10/13/2020	Not Sampled - Insufficient Water Volume			
	4/30/2021	Not Sampled - Insufficient Water Volume			
	10/18/2021	Not Sampled - Insufficient Water Volume			
	4/21/2022	Not Sampled - Insufficient Water Volume			
	10/18/2022	Not Sampled - Insufficient Water Volume			
	4/20/2023	Not Sampled - Insufficient Water Volume			
	10/18/2023	Not Sampled - Insufficient Water Volume			
	4/26/2024	Not Sampled - Insufficient Water Volume			
	10/23/2024	Not Sampled - Insufficient Water Volume			

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		**0.005**	**1**	**0.7**	**0.62**
WP-18	5/30/2013	Not Sampled - Insufficient Water Volume			
	11/12/2013	Not Sampled - Insufficient Water Volume			
	5/28/2014	Not Sampled - Insufficient Water Volume			
	9/15/2014	**0.1020**	**0.040**	**0.176**	**0.173**
	12/12/2014	**0.1080**	<0.002	**0.15**	**0.029**
	5/20/2015	**0.1500**	<0.006	**0.0776**	**0.011**
	11/12/2015	**0.1330**	<0.006	**0.0813**	**0.008**
	6/15/2016	**0.2940**	**0.175**	<0.0600	<0.0900
	11/1/2016	**0.0589**	<0.0600	**0.0383**	<0.0900
	6/27/2017	**0.0834**	<0.00600	**0.0482**	**0.00220**
	12/13/2017	**0.0943**	<0.002	**0.0968**	**0.00394**
	3/26/2019	Not Sampled Due to LNAPL			
	9/10/2019	Not Sampled Due to LNAPL			
	4/28/2020	Not Sampled Due to LNAPL			
	10/13/2020	Not Sampled Due to LNAPL			
	4/30/2021	Not Sampled Due to LNAPL			
	10/18/2021	Not Sampled Due to LNAPL			
	4/21/2022	Not Sampled Due to LNAPL			
	10/18/2022	Not Sampled Due to LNAPL			
	4/20/2023	Not Sampled Due to LNAPL			
	10/18/2023	Not Sampled Due to LNAPL			
	4/26/2024	Not Sampled Due to LNAPL			
	10/23/2024	Not Sampled Due to LNAPL			
WP-19	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	<0.0008	<0.002	<0.002	<0.003
	5/28/2014	<0.0008	<0.002	<0.002	<0.003
	12/12/2014	<0.001	<0.002	<0.001	<0.001
	5/19/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/14/2016	<0.002	<0.006	<0.006	<0.009
	10/31/2016	<0.002	<0.006	<0.006	<0.009
	6/27/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/14/2017	<0.0008	<0.002	<0.002	<0.002
	3/26/2019	* - Not Sampled			
	9/10/2019	* - Not Sampled			
	4/28/2020	* - Not Sampled			
	10/13/2020	* - Not Sampled			
	4/30/2021	* - Not Sampled			
	10/18/2021	* - Not Sampled			
	4/21/2022	* - Not Sampled			
	10/18/2022	* - Not Sampled			
	4/20/2023	* - Not Sampled			
	10/18/2023	* - Not Sampled			
	4/26/2024	* - Not Sampled			
	10/23/2024	* - Not Sampled			

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		0.005	1	0.7	0.62
WP-20	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	<0.0008	<0.002	<0.002	<0.003
	5/28/2014	<0.0008	<0.002	<0.002	<0.003
	12/12/2014	0.0017	<0.002	<0.001	<0.001
	5/19/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/14/2016	<0.002	<0.006	<0.006	<0.009
	6/27/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/14/2017	<0.0008	<0.002	<0.002	<0.002
	3/26/2019	* - Not Sampled			
	9/10/2019	* - Not Sampled			
	4/28/2020	* - Not Sampled			
	10/13/2020	* - Not Sampled			
	4/30/2021	* - Not Sampled			
	10/18/2021	* - Not Sampled			
	4/21/2022	* - Not Sampled			
	10/18/2022	* - Not Sampled			
	4/20/2023	* - Not Sampled			
	10/18/2023	* - Not Sampled			
	4/26/2024	* - Not Sampled			
	10/23/2024	* - Not Sampled			
WP-21	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	<0.0008	<0.002	<0.002	<0.003
	5/28/2014	<0.0008	<0.002	<0.002	<0.003
	9/15/2014	<0.001	<0.002	<0.001	<0.001
	12/12/2014	<0.001	<0.006	<0.006	<0.009
	5/20/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/15/2016	<0.002	<0.006	<0.006	<0.009
	11/1/2016	<0.00200	<0.00200	<0.00600	<0.00900
	6/27/2017	Not Sampled - Insufficient Water Volume			
	12/13/2017	Not Sampled - Insufficient Water Volume			
	3/26/2019	Not Sampled - Insufficient Water Volume			
	9/10/2019	Not Sampled - Insufficient Water Volume			
	4/28/2020	Not Sampled - Insufficient Water Volume			
	10/13/2020	Not Sampled - Insufficient Water Volume			
	4/30/2021	Not Sampled - Insufficient Water Volume			
	10/18/2021	Not Sampled - Insufficient Water Volume			
	4/21/2022	Not Sampled - Insufficient Water Volume			
	10/18/2022	Not Sampled - Insufficient Water Volume			
	4/20/2023	Not Sampled - Insufficient Water Volume			
	10/18/2023	Not Sampled - Insufficient Water Volume			
	4/26/2024	Not Sampled - Insufficient Water Volume			
	10/23/2024	Not Sampled - Insufficient Water Volume			

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		0.005	1	0.7	0.62
WP-22	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	<0.0008	<0.002	<0.002	<0.003
	5/28/2014	<0.0008	<0.002	<0.002	<0.003
	9/15/2014	<0.001	<0.001	<0.001	<0.002
	12/12/2014	<0.001	<0.002	<0.001	<0.001
	5/20/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/15/2016	<0.002	<0.006	<0.006	<0.009
	10/31/2016	<0.002	<0.00600	<0.00600	<0.00900
	11/1/2016	<0.00200	<0.00600	<0.00600	<0.00600
	6/27/2017	<0.00200	<0.002	<0.002	<0.003
	12/18/2017	<0.0008	<0.002	<0.002	<0.002
	3/26/2019	<0.000500	<0.000500	<0.000500	<0.000500
	9/10/2019	<0.000214	<0.000500	<0.000146	<0.000192
	4/28/2020	<0.000408	**0.000530 J**	<0.000657	<0.000630
	10/13/2020	<0.000408	<0.000367	<0.000657	<0.000630
	4/30/2021	<0.000408	<0.000367	<0.000657	<0.000630
	10/18/2021	<0.000408	<0.000367	<0.000657	<0.000642
	4/21/2022	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2022	<0.000408	<0.000367	<0.000657	<0.000642
	4/20/2023	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2023	<0.000408	<0.000367	<0.000657	<0.000642
	4/26/2024	<0.000408	<0.000367	<0.000657	<0.000642
	10/23/2024	<0.00146	<0.000985	<0.00105	<0.00263
WP-23	5/30/2013	<0.0008	<0.002	<0.002	<0.003
	11/12/2013	0.0042	<0.002	<0.002	<0.003
	5/28/2014	<0.0008	<0.002	<0.002	<0.003
	9/15/2014	<0.001	<0.001	<0.001	<0.002
	12/12/2014	0.0004	<0.002	<0.001	<0.001
	5/20/2015	<0.002	<0.006	<0.006	<0.009
	11/12/2015	<0.002	<0.006	<0.006	<0.009
	6/15/2016	<0.002	<0.006	<0.006	<0.009
	11/1/2016	<0.00200	<0.00600	<0.00600	<0.00900
	6/27/2017	<0.00200	<0.00600	<0.00600	<0.00600
	12/18/2017	<0.0008	<0.002	<0.002	<0.003
	3/26/2019	<0.000500	<0.000500	<0.000500	<0.000500
	9/10/2019	<0.000214	<0.000500	<0.000146	<0.000192
	4/28/2020	<0.000408	**0.000520 J**	<0.000657	<0.000630
	10/13/2020	<0.000408	<0.000367	<0.000657	<0.000630
	4/30/2021	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2021	<0.00816	<0.00734	<0.0131	<0.0128
	4/21/2022	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2022	<0.000408	<0.000367	<0.000657	<0.000642
	4/20/2023	<0.000408	<0.000367	<0.000657	<0.000642
	10/18/2023	<0.000408	<0.000367	<0.000657	<0.000642
	4/26/2024	<0.000408	<0.000367	<0.000657	<0.000642
	10/23/2024	<0.00146	<0.000985	<0.00105	<0.00263

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TABLE 2
GROUNDWATER SUMMARY ANALYTICAL RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
New Mexico Water Quality Control Commission Groundwater Quality Standards		0.005	1	0.7	0.62
AS-1	6/15/2016	**1.84**	**0.0834**	<0.0600	<0.0900
	10/31/2016	**2.37**	**0.206**	<0.0600	<0.0900
	6/26/2017	**2.06**	<0.300	<0.300	<0.300
	12/18/2017	**1.49**	<0.1	**0.105**	<0.1
	3/27/2019	**1.16**	<0.000500	**0.184**	<0.000500
	9/11/2019	**0.788**	<0.00100	**0.0654**	<0.000383
	4/29/2020	**0.762**	**0.000570 J**	**0.114**	**0.00392**
	10/14/2020	**0.641**	<0.00734	**0.157**	<0.0126
	4/30/2021	**0.364**	<0.000367	**0.00105 J**	<0.000642
	10/19/2021	**0.297**	<0.0184	<0.0329	<0.0321
	4/22/2022	**0.187**	<0.00918	<0.0164	<0.0161
	10/18/2022	**0.0797**	<0.00367	<0.00657	<0.00642
	4/20/2023	**0.194**	**0.00059 J**	**0.0026 J**	**0.00397 J**
	10/19/2023	**0.183**	<0.00367	<0.00657	<0.00642
	4/26/2024	**0.104**	<0.00367	<0.00657	<0.00642
	10/24/2024	**0.128**	<0.000985	**0.0142**	<0.00263
OW-1	6/15/2016	**2.45**	**0.507**	<0.300	<0.450
	10/31/2016	**1.99**	**0.534**	<0.300	<0.450
	6/26/2017	**2.31**	**0.658**	<0.300	<0.300
	12/18/2017	**1.83**	<0.1	**0.751**	<0.1
	3/27/2019	**1.25**	<0.000500	**0.719**	<0.000500
	9/11/2019	**0.905**	<0.00250	**0.464**	<0.000958
	4/29/2020	**0.0197**	<0.00367	**0.0145 J**	**0.00830 J**
	10/14/2020	**0.462**	**0.00900 J**	**0.379**	<0.0126
	4/30/2021	**0.639**	<0.0184	**0.631**	<0.0321
	10/19/2021	**0.518**	<0.0184	**0.633**	<0.0321
	4/22/2022	**0.571**	<0.00367	**0.524**	<0.00642
	10/18/2022	**0.302**	<0.00367	**0.146**	<0.00642
	4/20/2023	**0.083**	**0.00102 J**	**0.397**	**0.00264 J**
	10/18/2023	**0.405**	<0.00367	**0.287**	**0.0371 J**
	4/26/2024	**0.370**	**0.0147 J**	<0.00657	<0.00642
	10/24/2024	**0.460**	<0.00985	**0.441**	<0.0263
Dup-1 (WP-12)	3/27/2019	**0.0955**	<0.000500	**0.275**	<0.000500
Dup-01 (WP-12)	9/11/2019	**0.0702**	<0.000500	**0.160**	**0.000240 J**
Dup-01 (WP-12)	4/26/2024	**0.00413 J**	<0.00367	<0.00657	<0.00642
Dup-01 (WP-12)	10/24/2024	**0.00350**	**0.0115**	**0.0147**	<0.00263
DUP (WP-12)	10/14/2020	**0.0518**	<0.000367	**0.230**	**0.00460**
	4/30/2021	**<0.0204**	<0.0184	**0.205**	<0.0321
	10/19/2021	**0.0249 J**	<0.0184	**0.254**	<0.0321
	4/22/2022	**<0.00816**	<0.00734	**0.101**	<0.0128
	4/20/2023	**0.0181**	**0.000718 J**	**0.109**	**0.00315 J**
	10/18/2023	**0.00241**	**0.00314**	**0.0548**	**0.00678**

* - Not Sampled Based on the 2017 Groundwater Monitoring Report Recommendations

mg/L- milligrams per Liter

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Historical data not verified, provided in summary

LNAPL - light non-aqueous phase liquid

NA - not analyzed

Concentrations in **Bold** indicate a concentration above the sample detection limit (SDL)

Concentrations in **Bold** and Yellow exceed the New Mexico Water Quality Control Commission Standards

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TABLE 3
NATURAL ATTENUATION PARAMETER RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (mS/cm)
WP-1	9/11/2019	20.3	6.68	1.33	-97.9	0.760
	4/29/2020	20.3	6.7	0.47	-207.2	0.810
	10/13/2020	22.1	6.55	0.27	-118.3	0.810
	4/30/2021	18.8	6.92	0.28	-243.4	1.04
	10/19/2021	23.0	7.02	0.19	-275.8	1.13
	4/22/2022	24.9	7.07	0.39	-182.1	2.59
	10/18/2022	18.99	6.93	0.46	-82.9	1.13
	4/20/2023	18.09	7.32	0.10	-111.4	1.18
	10/19/2023	19.43	8.04	0.00	-329.9	1.18
	4/25/2024	20.98	7.24	0.00	-248.0	1.10
	10/23/2024	20.54	7.40	0.15	-203.7	1.02
WP-2	9/10/2019	* - Not Sampled				
	4/28/2020	* - Not Sampled				
	10/13/2020	* - Not Sampled				
	4/29/2021	* - Not Sampled				
	10/19/2021	* - Not Sampled				
	4/21/2022	Not Sampled - Insufficient Water Volume				
	10/17/2022	Not Sampled - Insufficient Water Volume				
	4/20/2023	Not Sampled - Insufficient Water Volume				
	10/18/2023	Not Sampled - Insufficient Water Volume				
	4/25/2024	Not Sampled - Insufficient Water Volume				
	10/23/2024	Not Sampled - Insufficient Water Volume				
WP-3	9/10/2019	Converted Into Cathotic Protection Well				
WP-4	9/10/2019	* - Not Sampled				
	4/28/2020	* - Not Sampled				
	10/13/2020	* - Not Sampled				
	4/29/2021	* - Not Sampled				
	10/19/2021	* - Not Sampled				
	4/22/2022	* - Not Sampled				
	10/17/2022	* - Not Sampled				
	4/20/2023	* - Not Sampled				
	10/18/2023	* - Not Sampled				
	4/25/2024	* - Not Sampled				
	10/23/2024	* - Not Sampled				
WP-4R	9/10/2019	27.4	6.85	0.55	-52.3	1.69
	4/29/2020	18.89	6.79	0.31	17.8	1.50
	10/13/2020	22.2	6.73	0.47	-63.7	1.58
	4/29/2021	16.8	7.05	0.30	-56.0	1.62
	10/18/2021	23.0	7.13	0.37	-105.9	1.78
	4/21/2022	29.6	7.18	0.60	-13.2	4.60
	10/17/2022	19.71	7.00	0.63	50.0	2.19
	4/20/2023	20.81	7.40	0.26	-25.6	2.33
	10/18/2023	22.83	8.09	0.15	-55.9	2.55
	4/25/2024	21.69	7.57	0.07	-114.9	2.39
	10/23/2024	23.00	7.31	0.18	-32.1	2.33

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TABLE 3
NATURAL ATTENUATION PARAMETER RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (mS/cm)
WP-5	9/10/2019	Not Sampled - Insufficient Water Volume				
	4/28/2020	Not Sampled - Insufficient Water Volume				
	10/13/2020	Not Sampled - Insufficient Water Volume				
	4/29/2021	Not Sampled - Insufficient Water Volume				
	10/19/2021	Not Sampled - Insufficient Water Volume				
	4/22/2022	Not Sampled - Insufficient Water Volume				
	10/17/2022	Not Sampled - Insufficient Water Volume				
	4/20/2023	Not Sampled - Insufficient Water Volume				
	10/18/2023	Not Sampled - Insufficient Water Volume				
	4/25/2024	Not Sampled - Insufficient Water Volume				
	10/23/2024	Not Sampled - Insufficient Water Volume				
WP-6	9/10/2019	* - Not Sampled				
	4/28/2020	* - Not Sampled				
	10/13/2020	* - Not Sampled				
	4/29/2021	* - Not Sampled				
	10/19/2021	* - Not Sampled				
	4/22/2022	* - Not Sampled				
	10/17/2022	* - Not Sampled				
	4/20/2023	* - Not Sampled				
	10/18/2023	* - Not Sampled				
	4/25/2024	* - Not Sampled				
	10/23/2024	* - Not Sampled				
WP-7	9/10/2019	* - Not Sampled				
	4/28/2020	* - Not Sampled				
	10/13/2020	* - Not Sampled				
	4/29/2021	* - Not Sampled				
	10/19/2021	* - Not Sampled				
	4/22/2022	* - Not Sampled				
	10/17/2022	* - Not Sampled				
	4/20/2023	* - Not Sampled				
	10/18/2023	* - Not Sampled				
	4/25/2024	* - Not Sampled				
	10/23/2024	* - Not Sampled				
WP-8	9/10/2019	Converted Into Cathotic Protection Well				
WP-9	9/10/2019	Converted Into Cathotic Protection Well				
WP-10	9/11/2019	24.7	6.79	0.37	-325.7	8.21
	4/29/2020	24.89	6.55	0.77	-277.9	10.27
	10/14/2020	25.4	6.61	0.25	-331.4	8.21
	4/30/2021	20.3	6.72	0.26	-312.9	10.89
	10/19/2021	Not Sampled Due to LNAPL				
	4/22/2022	Not Sampled Due to LNAPL				
	10/17/2022	Not Sampled Due to LNAPL				
	4/20/2023	Not Sampled Due to LNAPL				
	10/18/2023	Not Sampled Due to LNAPL				
	4/25/2024	Not Sampled Due to LNAPL				
	10/23/2024	Not Sampled Due to LNAPL				

ENSOLUM

TABLE 3
NATURAL ATTENUATION PARAMETER RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (mS/cm)
WP-11	9/11/2019	27.0	6.85	0.23	-355.6	2.47
	4/29/2020	26.33	6.81	0.55	-326.7	2.69
	10/13/2020	25.2	6.76	0.44	-355.3	2.41
	4/30/2021	19.8	7.03	0.30	-344.4	2.61
	10/19/2021	25.7	7.19	0.27	-348.1	2.74
	4/22/2022	21.8	7.25	0.38	-378.2	3.72
	10/18/2022	20.06	7.08	0.03	-355.4	2.89
	4/20/2023	20.59	7.48	0.00	-385	2.96
	10/18/2023	20.48	8.19	0.00	-424.7	3.04
	4/26/2024	21.08	7.79	0.05	-359.6	2.88
	10/24/2024	21.69	7.48	0.04	-378.4	2.63
WP-12	9/11/2019	23.9	7.17	0.73	-104.7	2.66
	4/28/2020	21.67	7.14	0.59	-176.1	2.56
	10/14/2020	28.6	7.04	0.31	-255.5	2.70
	4/30/2021	21.3	7.20	0.41	-228.6	2.86
	10/19/2021	24.3	7.31	0.15	-136.4	2.90
	4/22/2022	22.5	7.36	0.38	-198.6	4.59
	10/18/2022	21.06	7.09	0.12	-79.7	2.98
	4/20/2023	21.37	7.54	0.05	-120.5	2.99
	10/18/2023	22.52	8.24	0.00	-319.4	3.20
	4/26/2024	21.45	7.43	0.11	-95.4	2.92
	10/24/2024	22.26	7.39	0.13	-222.0	2.61
WP-13	9/10/2019	26.1	6.70	0.48	-330.3	1.78
	4/29/2020	19.9	6.75	0.47	-319.7	1.69
	10/14/2020	22.3	6.62	0.33	-331.6	1.84
	4/30/2021	19.4	6.87	0.17	-329.9	2.28
	10/19/2021	21.0	7.05	0.06	-355.4	2.41
	4/21/2022	26.5	7.09	0.32	-346.5	4.56
	10/17/2022	20.18	6.92	0.11	-324.6	2.45
	4/20/2023	21.47	7.36	0.24	-366.5	2.53
	10/18/2023	21.57	8.15	0.00	-412.3	2.59
	4/25/2024	21.29	7.63	0.00	-353.1	2.35
	10/23/2024	22.12	7.35	0.08	-355.9	2.22
WP-14	9/11/2019	27.7	7.09	0.34	-350.2	6.79
	4/29/2020	24.04	7.11	0.51	-292.6	6.89
	10/14/2020	25.4	6.59	2.49	-306.1	10.96
	4/30/2021	20.0	6.80	0.11	-275.0	16.27
	10/19/2021	25.7	6.99	0.28	-302.2	18.36
	4/21/2022	31.7	6.97	0.25	-298.4	15.95
	10/18/2022	20.58	6.91	0.04	-288.5	18.55
	4/20/2023	21.03	7.33	0.02	-322.6	19.03
	10/18/2023	Not Sampled Due to LNAPL				
	4/25/2024	Not Sampled Due to LNAPL				
	10/23/2024	Not Sampled Due to LNAPL				

ENSOLUM

TABLE 3
NATURAL ATTENUATION PARAMETER RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (mS/cm)
WP-15	9/11/2019	26.0	6.89	0.50	-335.3	3.17
	4/28/2020	22.5	6.92	0.45	-311.5	4.56
	10/14/2020	24.3	6.71	0.18	-338.4	3.38
	4/30/2021	19.4	7.00	0.55	-368.5	3.99
	10/19/2021	24.9	7.18	0.14	-375.9	4.08
	4/22/2022	21.2	7.26	0.45	-362.1	5.62
	10/18/2022	21.05	7.06	0.12	-349.9	4.54
	4/20/2023	21.85	7.47	0.00	-399.9	4.55
	10/18/2023	22.68	8.31	0.02	-427.6	4.61
	4/26/2024	21.12	7.54	0.01	-371.7	4.57
	10/24/2024	21.83	7.41	0.13	-369.2	32.96
WP-16	9/10/2019	27.0	7.07	0.55	-149.7	2.26
	4/28/2020	25.3	7.14	0.39	-162.3	1.95
	10/13/2020	24.4	7.07	0.32	-144.3	2.05
	4/30/2021	16.4	7.36	0.26	-124.6	2.18
	10/18/2021	26.1	7.42	0.11	-176.4	2.31
	4/22/2022	Not Sampled - Insufficient Water Volume				
	10/17/2022	Not Sampled - Insufficient Water Volume				
	4/20/2023	Not Sampled - Insufficient Water Volume				
	10/18/2023	Not Sampled - Insufficient Water Volume				
	4/25/2024	Not Sampled - Insufficient Water Volume				
	10/23/2024	Not Sampled - Insufficient Water Volume				
WP-17	9/10/2019	Not Sampled - Insufficient Water Volume				
	4/28/2020	Not Sampled - Insufficient Water Volume				
	10/13/2020	Not Sampled - Insufficient Water Volume				
	4/29/2021	Not Sampled - Insufficient Water Volume				
	10/19/2021	Not Sampled - Insufficient Water Volume				
	4/22/2022	Not Sampled - Insufficient Water Volume				
	10/17/2022	Not Sampled - Insufficient Water Volume				
	4/20/2023	Not Sampled - Insufficient Water Volume				
	10/18/2023	Not Sampled - Insufficient Water Volume				
	4/25/2024	Not Sampled - Insufficient Water Volume				
	10/23/2024	Not Sampled - Insufficient Water Volume				
WP-18	9/10/2019	Not Sampled Due to LNAPL				
	4/28/2020	Not Sampled Due to LNAPL				
	10/13/2020	Not Sampled Due to LNAPL				
	4/29/2021	Not Sampled Due to LNAPL				
	10/19/2021	Not Sampled Due to LNAPL				
	4/22/2022	Not Sampled Due to LNAPL				
	10/17/2022	Not Sampled Due to LNAPL				
	4/20/2023	Not Sampled Due to LNAPL				
	10/18/2023	Not Sampled Due to LNAPL				
	4/25/2024	Not Sampled Due to LNAPL				
	10/23/2024	Not Sampled Due to LNAPL				

ENSOLUM

TABLE 3
NATURAL ATTENUATION PARAMETER RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (mS/cm)
WP-19	9/10/2019	* - Not Sampled				
	4/28/2020	* - Not Sampled				
	10/13/2020	* - Not Sampled				
	4/29/2021	* - Not Sampled				
	10/19/2021	* - Not Sampled				
	4/22/2022	* - Not Sampled				
	10/17/2022	* - Not Sampled				
	4/20/2023	* - Not Sampled				
	10/18/2023	* - Not Sampled				
	4/25/2024	* - Not Sampled				
	10/23/2024	* - Not Sampled				
WP-20	9/10/2019	* - Not Sampled				
	4/28/2020	* - Not Sampled				
	10/13/2020	* - Not Sampled				
	4/29/2021	* - Not Sampled				
	10/19/2021	* - Not Sampled				
	4/22/2022	* - Not Sampled				
	10/17/2022	* - Not Sampled				
	4/20/2023	* - Not Sampled				
	10/18/2023	* - Not Sampled				
	4/25/2024	* - Not Sampled				
	10/23/2024	* - Not Sampled				
WP-21	9/10/2019	Not Sampled - Insufficient Water Volume				
	4/28/2020	Not Sampled - Insufficient Water Volume				
	10/13/2020	Not Sampled - Insufficient Water Volume				
	4/29/2021	Not Sampled - Insufficient Water Volume				
	10/19/2021	Not Sampled - Insufficient Water Volume				
	4/22/2022	Not Sampled - Insufficient Water Volume				
	10/17/2022	Not Sampled - Insufficient Water Volume				
	4/20/2023	Not Sampled - Insufficient Water Volume				
	10/18/2023	Not Sampled - Insufficient Water Volume				
	4/25/2024	Not Sampled - Insufficient Water Volume				
	10/23/2024	Not Sampled - Insufficient Water Volume				
WP-22	9/10/2019	27.4	6.86	0.22	-168.7	5.66
	4/28/2020	26.79	6.84	0.31	180.7	6.05
	10/13/2020	24.4	6.67	0.49	-156.6	5.84
	4/29/2021	16.9	6.89	0.12	-185.2	6.96
	10/18/2021	23.4	7.07	0.13	-238.1	6.12
	4/21/2022	29.3	7.05	0.59	-201.2	7.69
	10/17/2022	20.9	6.95	0.34	-174.4	5.67
	4/20/2023	20.27	7.27	0.16	-206.8	7.34
	10/14/1902	22.07	7.99	0.19	-240.8	6.58
	4/25/2024	22.56	7.44	0.08	-200.3	8.05
	10/23/2024	22.32	7.24	1.70	-189.0	6.76

ENSOLUM

TABLE 3
NATURAL ATTENUATION PARAMETER RESULTS
Monument Gas Plant
Targa Midstream Services LLC
Monument, Lea County, New Mexico

Sample Designation	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (mS/cm)
WP-23	9/10/2019	24.2	7.00	0.16	-8.9	9.30
	4/28/2020	27.17	6.99	0.56	-98.4	8.93
	10/13/2020	24.2	7.00	2.18	-78.00	9.42
	4/29/2021	13.9	7.18	0.45	-64.70	10.15
	10/18/2021	22.9	7.36	0.14	-147.3	10.07
	4/21/2022	25.9	7.36	0.67	-119.9	10.62
	10/17/2022	20.62	7.24	2.26	-48.9	10.45
	4/20/2023	20.31	7.53	0.27	-105.1	11.05
	10/18/2023	22.14	8.20	0.14	-135.1	12.64
	4/25/2024	23.54	7.61	0.18	-101.0	12.80
	10/23/2024	22.89	7.40	0.38	-106.2	12.24
AS-1	9/11/2019	31.0	7.01	0.27	-239.8	3.43
	4/29/2020	24.6	7.05	0.65	-218.3	2.94
	10/14/2020	26.4	6.85	0.33	345.5	2.90
	4/30/2021	20.1	7.09	0.42	-353.9	3.16
	10/19/2021	25.6	7.28	0.36	-346.6	3.08
	4/22/2022	22.9	7.36	0.31	-277.0	4.12
	10/18/2022	20.10	7.20	0.04	-236.1	3.43
	4/20/2023	20.03	7.56	0.00	-401.4	3.18
	10/18/2023	22.30	8.22	0.00	-427.6	3.04
	4/26/2024	20.71	7.83	0.00	-362.2	3.12
	10/24/2024	21.64	7.57	0.00	-299.6	2.84
OW-1	9/11/2019	27.9	6.85	0.24	-364.9	2.39
	4/29/2020	21.56	6.92	0.71	-329.6	2.13
	10/14/2020	24.0	6.71	0.45	-358.1	2.36
	4/30/2021	20.9	7.02	0.33	-361.8	2.59
	10/19/2021	24.0	7.14	0.2	-354.8	2.64
	4/22/2022	22.0	7.25	0.39	-372.9	3.74
	10/18/2022	21.49	7.07	0.00	-360.3	2.81
	4/20/2023	20.87	7.48	0.15	-382.6	2.87
	10/18/2023	22.30	8.22	0.00	-427.6	3.04
	4/26/2024	20.72	7.63	0.00	-366.6	2.81
	10/24/2024	21.81	7.46	0.08	-365.1	2.54

°C - degrees celcius

mg/L - milligrams per Liter

mV - millivolts

mS/cm - millisiemens per centimeter

* - Not Sampled Based on the 2017 Groundwater Monitoring Report Recommendations

LNAPL - phase-separated hydrocarbons

ENSOLUM

APPENDIX C

Laboratory Analytical Reports & Chain-of-Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Beaux Jennings
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 5/1/2024 11:33:35 AM

JOB DESCRIPTION

Monument Gas Plant
Lea County. NM

JOB NUMBER

880-42790-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization

Generated
5/1/2024 11:33:35 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Ensolum
Project/Site: Monument Gas Plant

Laboratory Job ID: 880-42790-1
SDG: Lea County. NM

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 880-42790-1
Project/Site: Monument Gas Plant SDG: Lea County. NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Ensolum Job ID: 880-42790-1
Project: Monument Gas Plant

Job ID: 880-42790-1 Eurofins Midland

Job Narrative
880-42790-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 4/26/2024 3:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with analytical batch 880-79612 was outside the control limits.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: WP -1 (880-42790-1), WP 11 (880-42790-3), WP 12 (880-42790-4), WP -13 (880-42790-5), WP -15 (880-42790-6), OW - 1 (880-42790-9), AS - 1 (880-42790-10) and DUP -01 (880-42790-11). Elevated reporting limits (RLs) are provided.

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

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Client Sample ID: WP -1

Lab Sample ID: 880-42790-1
Matrix: Water
Date Collected: 04/25/24 14:55
Date Received: 04/26/24 15:08

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00408	U	0.00200	0.000408	mg/L			04/30/24 18:29	10
Toluene	<0.00367	U	0.00200	0.000367	mg/L			04/30/24 18:29	10
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 18:29	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			04/30/24 18:29	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 18:29	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 18:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*04/30/24 18:29*	*10*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*		*04/30/24 18:29*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 18:29	1

Client Sample ID: WP 4R

Lab Sample ID: 880-42790-2
Matrix: Water
Date Collected: 04/25/24 13:50
Date Received: 04/26/24 15:08

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			04/30/24 17:10	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			04/30/24 17:10	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			04/30/24 17:10	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			04/30/24 17:10	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 17:10	1
Xylenes, Total	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*		*04/30/24 17:10*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*		*04/30/24 17:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00200	0.000657	mg/L			04/30/24 17:10	1

Client Sample ID: WP 11

Lab Sample ID: 880-42790-3
Matrix: Water
Date Collected: 04/26/24 12:10
Date Received: 04/26/24 15:08

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.523**		0.00200	0.000408	mg/L			04/30/24 18:56	10
Toluene	<0.00367	U	0.00200	0.000367	mg/L			04/30/24 18:56	10
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 18:56	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			04/30/24 18:56	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 18:56	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 18:56	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*		*04/30/24 18:56*	*10*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*		*04/30/24 18:56*	*10*

Eurofins Midland

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Client Sample ID: WP 11
Date Collected: 04/26/24 12:10
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-3
Matrix: Water

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.523**		0.00200	0.000657	mg/L			04/30/24 18:56	1

Client Sample ID: WP 12
Date Collected: 04/26/24 09:50
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-4
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00508**	**J**	0.00200	0.000408	mg/L			04/30/24 19:22	10
Toluene	<0.00367	U	0.00200	0.000367	mg/L			04/30/24 19:22	10
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 19:22	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			04/30/24 19:22	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 19:22	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 19:22	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*04/30/24 19:22*	*10*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*		*04/30/24 19:22*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 19:22	1

Client Sample ID: WP -13
Date Collected: 04/26/24 14:25
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-5
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00408	U	0.00200	0.000408	mg/L			04/30/24 19:49	10
Toluene	<0.00367	U	0.00200	0.000367	mg/L			04/30/24 19:49	10
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 19:49	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			04/30/24 19:49	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 19:49	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 19:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*04/30/24 19:49*	*10*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*		*04/30/24 19:49*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 19:49	1

Client Sample ID: WP -15
Date Collected: 04/26/24 10:25
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-6
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00408	U	0.00200	0.000408	mg/L			04/30/24 20:15	10
Toluene	<0.00367	U	0.00200	0.000367	mg/L			04/30/24 20:15	10

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Client Sample ID: WP -15

Date Collected: 04/26/24 10:25
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-6
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 20:15	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			04/30/24 20:15	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 20:15	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 20:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*04/30/24 20:15*	*10*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*		*04/30/24 20:15*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 20:15	1

Client Sample ID: WP 22

Date Collected: 04/26/24 13:20
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-7
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			04/30/24 17:36	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			04/30/24 17:36	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			04/30/24 17:36	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			04/30/24 17:36	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 17:36	1
Xylenes, Total	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*04/30/24 17:36*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*		*04/30/24 17:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00200	0.000657	mg/L			04/30/24 17:36	1

Client Sample ID: WP -23

Date Collected: 04/26/24 12:40
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-8
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			04/30/24 18:03	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			04/30/24 18:03	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			04/30/24 18:03	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			04/30/24 18:03	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 18:03	1
Xylenes, Total	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*		*04/30/24 18:03*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*		*04/30/24 18:03*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Client Sample ID: WP -23
Date Collected: 04/26/24 12:40
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-8
Matrix: Water

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00200	0.000657	mg/L			04/30/24 18:03	1

Client Sample ID: OW - 1
Date Collected: 04/26/24 11:00
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-9
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.370**		0.00200	0.000408	mg/L			04/30/24 20:42	10
Toluene	**0.0147**	**J**	0.00200	0.000367	mg/L			04/30/24 20:42	10
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 20:42	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			04/30/24 20:42	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 20:42	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 20:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*		*04/30/24 20:42*	*10*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*		*04/30/24 20:42*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.385**		0.00200	0.000657	mg/L			04/30/24 20:42	1

Client Sample ID: AS - 1
Date Collected: 04/26/24 11:35
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-10
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.104**		0.00200	0.000408	mg/L			04/30/24 21:08	10
Toluene	<0.00367	U	0.00200	0.000367	mg/L			04/30/24 21:08	10
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			04/30/24 21:08	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			04/30/24 21:08	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 21:08	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			04/30/24 21:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*04/30/24 21:08*	*10*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*		*04/30/24 21:08*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.104**		0.00200	0.000657	mg/L			04/30/24 21:08	1

Client Sample ID: DUP -01
Date Collected: 04/26/24 12:00
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-11
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00413**	**J**	0.00200	0.000408	mg/L			05/01/24 00:14	10
Toluene	<0.00367	U	0.00200	0.000367	mg/L			05/01/24 00:14	10

Eurofins Midland

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Client Sample ID: DUP -01

Date Collected: 04/26/24 12:00
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-11

Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00657	U	0.00200	0.000657	mg/L			05/01/24 00:14	10
m-Xylene & p-Xylene	<0.00629	U	0.00400	0.000629	mg/L			05/01/24 00:14	10
o-Xylene	<0.00642	U	0.00200	0.000642	mg/L			05/01/24 00:14	10
Xylenes, Total	<0.00642	U	0.00200	0.000642	mg/L			05/01/24 00:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*05/01/24 00:14*	*10*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*		*05/01/24 00:14*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00657	U	0.00200	0.000657	mg/L			05/01/24 00:14	1

Surrogate Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-42790-1	WP -1	105	87										
880-42790-2	WP 4R	108	91										
880-42790-2 MS	WP 4R	104	109										
880-42790-2 MSD	WP 4R	116	110										
880-42790-3	WP 11	117	90										
880-42790-4	WP 12	111	88										
880-42790-5	WP -13	105	82										
880-42790-6	WP -15	97	83										
880-42790-7	WP 22	105	95										
880-42790-8	WP -23	121	101										
880-42790-9	OW - 1	113	94										
880-42790-10	AS - 1	93	75										
880-42790-11	DUP -01	101	82										
LCS 880-79612/3	Lab Control Sample	106	100										
LCSD 880-79612/4	Lab Control Sample Dup	117	114										
MB 880-79612/8	Method Blank	65 S1-	96										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

QC Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-79612/8
Matrix: Water
Analysis Batch: 79612

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

Analyte	MB Result	MB Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			04/30/24 16:44	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			04/30/24 16:44	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			04/30/24 16:44	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			04/30/24 16:44	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 16:44	1
Xylenes, Total	<0.000642	U	0.00200	0.000642	mg/L			04/30/24 16:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*		*04/30/24 16:44*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*		*04/30/24 16:44*	*1*

Lab Sample ID: LCS 880-79612/3
Matrix: Water
Analysis Batch: 79612

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08529		mg/L		85	70 - 130		
Toluene			0.100	0.08261		mg/L		83	70 - 130		
Ethylbenzene			0.100	0.08548		mg/L		85	70 - 130		
m-Xylene & p-Xylene			0.200	0.1745		mg/L		87	70 - 130		
o-Xylene			0.100	0.08528		mg/L		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-79612/4
Matrix: Water
Analysis Batch: 79612

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09230		mg/L		92	70 - 130	8	20
Toluene			0.100	0.08983		mg/L		90	70 - 130	8	20
Ethylbenzene			0.100	0.09888		mg/L		99	70 - 130	15	20
m-Xylene & p-Xylene			0.200	0.1982		mg/L		99	70 - 130	13	20
o-Xylene			0.100	0.09472		mg/L		95	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: 880-42790-2 MS
Matrix: Water
Analysis Batch: 79612

Client Sample ID: WP 4R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.000408	U	0.100	0.09441		mg/L		94	70 - 130		
Toluene	<0.000367	U	0.100	0.09171		mg/L		92	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

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

Lab Sample ID: 880-42790-2 MS
Matrix: Water
Analysis Batch: 79612

Client Sample ID: WP 4R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.000657	U	0.100	0.09990		mg/L		100	70 - 130
m-Xylene & p-Xylene	<0.000629	U	0.200	0.2017		mg/L		101	70 - 130
o-Xylene	<0.000642	U	0.100	0.1002		mg/L		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-42790-2 MSD
Matrix: Water
Analysis Batch: 79612

Client Sample ID: WP 4R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.000408	U	0.100	0.1048		mg/L		105	70 - 130	10	25
Toluene	<0.000367	U	0.100	0.1043		mg/L		104	70 - 130	13	25
Ethylbenzene	<0.000657	U	0.100	0.1116		mg/L		112	70 - 130	11	25
m-Xylene & p-Xylene	<0.000629	U	0.200	0.2250		mg/L		113	70 - 130	11	25
o-Xylene	<0.000642	U	0.100	0.1089		mg/L		109	70 - 130	8	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

QC Association Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

GC VOA

Analysis Batch: 79612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42790-1	WP -1	Total/NA	Water	8021B	
880-42790-2	WP 4R	Total/NA	Water	8021B	
880-42790-3	WP 11	Total/NA	Water	8021B	
880-42790-4	WP 12	Total/NA	Water	8021B	
880-42790-5	WP -13	Total/NA	Water	8021B	
880-42790-6	WP -15	Total/NA	Water	8021B	
880-42790-7	WP 22	Total/NA	Water	8021B	
880-42790-8	WP -23	Total/NA	Water	8021B	
880-42790-9	OW - 1	Total/NA	Water	8021B	
880-42790-10	AS - 1	Total/NA	Water	8021B	
880-42790-11	DUP -01	Total/NA	Water	8021B	
MB 880-79612/8	Method Blank	Total/NA	Water	8021B	
LCS 880-79612/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-79612/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-42790-2 MS	WP 4R	Total/NA	Water	8021B	
880-42790-2 MSD	WP 4R	Total/NA	Water	8021B	

Analysis Batch: 79742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42790-1	WP -1	Total/NA	Water	Total BTEX	
880-42790-2	WP 4R	Total/NA	Water	Total BTEX	
880-42790-3	WP 11	Total/NA	Water	Total BTEX	
880-42790-4	WP 12	Total/NA	Water	Total BTEX	
880-42790-5	WP -13	Total/NA	Water	Total BTEX	
880-42790-6	WP -15	Total/NA	Water	Total BTEX	
880-42790-7	WP 22	Total/NA	Water	Total BTEX	
880-42790-8	WP -23	Total/NA	Water	Total BTEX	
880-42790-9	OW - 1	Total/NA	Water	Total BTEX	
880-42790-10	AS - 1	Total/NA	Water	Total BTEX	
880-42790-11	DUP -01	Total/NA	Water	Total BTEX	

Lab Chronicle

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Client Sample ID: WP -1
Date Collected: 04/25/24 14:55
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	04/30/24 18:29
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 18:29

Client Sample ID: WP 4R
Date Collected: 04/25/24 13:50
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	79612	MNR	EET MID	04/30/24 17:10
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 17:10

Client Sample ID: WP 11
Date Collected: 04/26/24 12:10
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	04/30/24 18:56
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 18:56

Client Sample ID: WP 12
Date Collected: 04/26/24 09:50
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	04/30/24 19:22
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 19:22

Client Sample ID: WP -13
Date Collected: 04/26/24 14:25
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	04/30/24 19:49
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 19:49

Client Sample ID: WP -15
Date Collected: 04/26/24 10:25
Date Received: 04/26/24 15:08

Lab Sample ID: 880-42790-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	04/30/24 20:15
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 20:15

Lab Chronicle

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Client Sample ID: WP 22
Lab Sample ID: 880-42790-7
Date Collected: 04/26/24 13:20
Matrix: Water
Date Received: 04/26/24 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	79612	MNR	EET MID	04/30/24 17:36
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 17:36

Client Sample ID: WP -23
Lab Sample ID: 880-42790-8
Date Collected: 04/26/24 12:40
Matrix: Water
Date Received: 04/26/24 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	79612	MNR	EET MID	04/30/24 18:03
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 18:03

Client Sample ID: OW - 1
Lab Sample ID: 880-42790-9
Date Collected: 04/26/24 11:00
Matrix: Water
Date Received: 04/26/24 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	04/30/24 20:42
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 20:42

Client Sample ID: AS - 1
Lab Sample ID: 880-42790-10
Date Collected: 04/26/24 11:35
Matrix: Water
Date Received: 04/26/24 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	04/30/24 21:08
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	04/30/24 21:08

Client Sample ID: DUP -01
Lab Sample ID: 880-42790-11
Date Collected: 04/26/24 12:00
Matrix: Water
Date Received: 04/26/24 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	79612	MNR	EET MID	05/01/24 00:14
Total/NA	Analysis	Total BTEX		1	79742	SM	EET MID	05/01/24 00:14

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Water	Total BTEX

Method Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
5030B	Purge and Trap	SW846	EET MID

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-42790-1
SDG: Lea County. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-42790-1	WP -1	Water	04/25/24 14:55	04/26/24 15:08
880-42790-2	WP 4R	Water	04/25/24 13:50	04/26/24 15:08
880-42790-3	WP 11	Water	04/26/24 12:10	04/26/24 15:08
880-42790-4	WP 12	Water	04/26/24 09:50	04/26/24 15:08
880-42790-5	WP -13	Water	04/26/24 14:25	04/26/24 15:08
880-42790-6	WP -15	Water	04/26/24 10:25	04/26/24 15:08
880-42790-7	WP 22	Water	04/26/24 13:20	04/26/24 15:08
880-42790-8	WP -23	Water	04/26/24 12:40	04/26/24 15:08
880-42790-9	OW - 1	Water	04/26/24 11:00	04/26/24 15:08
880-42790-10	AS - 1	Water	04/26/24 11:35	04/26/24 15:08
880-42790-11	DUP -01	Water	04/26/24 12:00	04/26/24 15:08

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
EL Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

880-42790 Chain of Custody

www.xenco.com

Project Manager:	Becky Jennings	Bill to: (if different)	
Company Name:	Ensolum LLC	Company Name:	
Address:	601 Marienfeld #400	Address:	
City, State ZIP:	Midland TX 79701	City, State ZIP:	
Phone	432 230 3344	Email:	bjennings@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other:

Project Name:	Monument Gas Plant	Turn Around	
Project Number:	03B1136006	☒ Routine	☐ Rush
Project Location	Lea Co. NM	Due Date:	
Sampler's Name:	Shane Diller	TAT starts the day received by the lab, if received by 4:30pm	
PO #	03B1136006		

SAMPLE RECEIPT

Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.6
Total Containers:		Corrected Temperature:	2.5

ANALYSIS REQUEST — Parameters: BTEX SW846 8021B

Preservative Codes

None NO	DI Water: H_2O
Cool Cool	MeOH Me
HCL HC	HNO_3 HN
H_2SO_4 H_2	NaOH Na
H_3PO_4 HP	
$NaHSO_4$ NABIS	
$Na_2S_2O_3$ $NaSO_3$	
Zn Acetate+NaOH Zn	
NaOH+Ascorbic Acid SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX SW846 8021B	Sample Comments
WP-1	GW	4-25-24	1455	—	G	3	X	
WP 4R	GW	4-25-24	1350	—	G	3	X	
WP 11	GW	4-26-24	1210	—	G	3	X	
WP 12	GW	4-26-24	0950	—	G	3	X	
WP-13	GW	4-26-24	1425	—	G	3	X	
WP-15	GW	4-26-24	1025	—	G	3	X	
WP 22	GW	4-26-24	1320	—	G	3	X	
WP-23	GW	4-25	1240	—	G	3	X	
OW-1	GW	4-26-24	1100	—	G	3	X	
AS-1	GW	4-26-24	1135	—	G	3	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 [signature]	[signature]	4/26/24 1508	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 42790

www.xenco.com Page 2 of 2

Project Manager:	Beaux Jennings	Bill to: (if different)	
Company Name:	Ensolum LLC	Company Name:	
Address:	601 Marienfeld #400	Address:	
City, State ZIP	MIDLAND TX 79701	City, State ZIP:	
Phone:	432 230 3344	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Monument Gas Plant	Turn Around	
Project Number:	03B1136006	☒ Routine	☐ Rush
Project Location	Lea Co NM	Due Date:	
Sampler's Name:	Shane D. ller	TAT starts the day received by the lab, if received by 4:30pm	
PO #	03B1136006		

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading	
Total Containers			Corrected Temperature:	

Pres. Code / Parameters — ANALYSIS REQUEST: BTEX sw8th 8021b

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX sw8th 8021b	Sample Comments
DUP-01	GW	4-26-24	1200	-	G	3	X	

NKE 4-26-24

Preservative Codes

None NO	DI Water: H_2O
Cool Cool	MeOH Me
HCL HC	HNO_3 HN
H_2SO_4 H_2	NaOH Na
H_3PO_4 HP	
$NaHSO_4$ NABIS	
$Na_2S_2O_3$ $NaSO_3$	
Zn Acetate+NaOH Zn	
NaOH+Ascorbic Acid SAPC	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 [signature]	[signature]	4/26/24 1508	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 880-42790-1
SDG Number: Lea County. NM

Login Number: 42790
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Beaux Jennings
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 10/30/2024 3:18:22 PM

JOB DESCRIPTION

Monument Gas Plant
Lea Co. NM

JOB NUMBER

880-50226-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

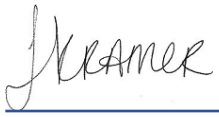
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



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10/30/2024 3:18:22 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Ensolum
Project/Site: Monument Gas Plant

Laboratory Job ID: 880-50226-1
SDG: Lea Co. NM

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 880-50226-1
Project/Site: Monument Gas Plant SDG: Lea Co. NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Ensolum Job ID: 880-50226-1
Project: Monument Gas Plant

Job ID: 880-50226-1 Eurofins Midland

Job Narrative
880-50226-1

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

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

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

Receipt
The samples were received on 10/24/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: WP-12 (880-50226-4) and DUP-01 (880-50226-11). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: WP-11 (880-50226-3), WP-15 (880-50226-6) and OW-1 (880-50226-10). Elevated reporting limits (RLs) are provided.

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

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Client Sample ID: WP-1

Lab Sample ID: 880-50226-1
Matrix: Water
Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00146	U	0.00200	0.00146	mg/L			10/29/24 11:42	1
Toluene	<0.000985	U	0.00200	0.000985	mg/L			10/29/24 11:42	1
Ethylbenzene	<0.00105	U	0.00200	0.00105	mg/L			10/29/24 11:42	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 11:42	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 11:42	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*10/29/24 11:42*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*		*10/29/24 11:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00263	U	0.00200	0.00105	mg/L			10/29/24 11:42	1

Client Sample ID: WP-4R

Lab Sample ID: 880-50226-2
Matrix: Water
Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00146	U	0.00200	0.00146	mg/L			10/29/24 12:24	1
Toluene	<0.000985	U	0.00200	0.000985	mg/L			10/29/24 12:24	1
Ethylbenzene	<0.00105	U	0.00200	0.00105	mg/L			10/29/24 12:24	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 12:24	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 12:24	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/29/24 12:24*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*		*10/29/24 12:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00263	U	0.00200	0.00105	mg/L			10/29/24 12:24	1

Client Sample ID: WP-11

Lab Sample ID: 880-50226-3
Matrix: Water
Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.476**		0.00200	0.00146	mg/L			10/29/24 14:08	10
Toluene	<0.00985	U	0.00200	0.000985	mg/L			10/29/24 14:08	10
Ethylbenzene	**0.433**		0.00200	0.00105	mg/L			10/29/24 14:08	10
m-Xylene & p-Xylene	<0.0263	U	0.00400	0.00263	mg/L			10/29/24 14:08	10
o-Xylene	<0.0111	U	0.00200	0.00111	mg/L			10/29/24 14:08	10
Xylenes, Total	<0.0263	U	0.00200	0.00111	mg/L			10/29/24 14:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*10/29/24 14:08*	*10*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*		*10/29/24 14:08*	*10*

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Client Sample ID: WP-11
Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

Lab Sample ID: 880-50226-3
Matrix: Water

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.909**		0.00200	0.00105	mg/L			10/29/24 14:08	1

Client Sample ID: WP-12
Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

Lab Sample ID: 880-50226-4
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00363**		0.00200	0.00146	mg/L			10/29/24 12:44	1
Toluene	**0.00116**	**J**	0.00200	0.000985	mg/L			10/29/24 12:44	1
Ethylbenzene	**0.0164**		0.00200	0.00105	mg/L			10/29/24 12:44	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 12:44	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 12:44	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*		*10/29/24 12:44*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*		*10/29/24 12:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0212**		0.00200	0.00105	mg/L			10/29/24 12:44	1

Client Sample ID: WP-13
Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

Lab Sample ID: 880-50226-5
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00205**		0.00200	0.00146	mg/L			10/29/24 13:07	1
Toluene	<0.000985	U	0.00200	0.000985	mg/L			10/29/24 13:07	1
Ethylbenzene	<0.00105	U	0.00200	0.00105	mg/L			10/29/24 13:07	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 13:07	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 13:07	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*10/29/24 13:07*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*10/29/24 13:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00263	U	0.00200	0.00105	mg/L			10/29/24 13:07	1

Client Sample ID: WP-15
Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

Lab Sample ID: 880-50226-6
Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0146	U	0.00200	0.00146	mg/L			10/29/24 14:28	10
Toluene	<0.00985	U	0.00200	0.000985	mg/L			10/29/24 14:28	10

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Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Client Sample ID: WP-15

Lab Sample ID: 880-50226-6
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.0105	U	0.00200	0.00105	mg/L			10/29/24 14:28	10
m-Xylene & p-Xylene	<0.0263	U	0.00400	0.00263	mg/L			10/29/24 14:28	10
o-Xylene	<0.0111	U	0.00200	0.00111	mg/L			10/29/24 14:28	10
Xylenes, Total	<0.0263	U	0.00200	0.00111	mg/L			10/29/24 14:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*10/29/24 14:28*	*10*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*		*10/29/24 14:28*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0263	U	0.00200	0.00105	mg/L			10/29/24 14:28	1

Client Sample ID: WP-22

Lab Sample ID: 880-50226-7
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00146	U	0.00200	0.00146	mg/L			10/29/24 13:27	1
Toluene	<0.000985	U	0.00200	0.000985	mg/L			10/29/24 13:27	1
Ethylbenzene	<0.00105	U	0.00200	0.00105	mg/L			10/29/24 13:27	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 13:27	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 13:27	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*10/29/24 13:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*		*10/29/24 13:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00263	U	0.00200	0.00105	mg/L			10/29/24 13:27	1

Client Sample ID: WP-23

Lab Sample ID: 880-50226-8
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00146	U	0.00200	0.00146	mg/L			10/29/24 13:48	1
Toluene	<0.000985	U	0.00200	0.000985	mg/L			10/29/24 13:48	1
Ethylbenzene	<0.00105	U	0.00200	0.00105	mg/L			10/29/24 13:48	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 13:48	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 13:48	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*10/29/24 13:48*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*10/29/24 13:48*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Client Sample ID: WP-23
Lab Sample ID: 880-50226-8
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00263	U	0.00200	0.00105	mg/L			10/29/24 13:48	1

Client Sample ID: AS-1
Lab Sample ID: 880-50226-9
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.128**		0.00200	0.00146	mg/L			10/29/24 16:30	1
Toluene	<0.000985	U	0.00200	0.000985	mg/L			10/29/24 16:30	1
Ethylbenzene	**0.0142**		0.00200	0.00105	mg/L			10/29/24 16:30	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 16:30	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 16:30	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*		*10/29/24 16:30*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*		*10/29/24 16:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.142**		0.00200	0.00105	mg/L			10/29/24 16:30	1

Client Sample ID: OW-1
Lab Sample ID: 880-50226-10
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.460**		0.00200	0.00146	mg/L			10/29/24 14:49	10
Toluene	<0.00985	U	0.00200	0.000985	mg/L			10/29/24 14:49	10
Ethylbenzene	**0.441**		0.00200	0.00105	mg/L			10/29/24 14:49	10
m-Xylene & p-Xylene	<0.0263	U	0.00400	0.00263	mg/L			10/29/24 14:49	10
o-Xylene	<0.0111	U	0.00200	0.00111	mg/L			10/29/24 14:49	10
Xylenes, Total	<0.0263	U	0.00200	0.00111	mg/L			10/29/24 14:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*10/29/24 14:49*	*10*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*		*10/29/24 14:49*	*10*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.901**		0.00200	0.00105	mg/L			10/29/24 14:49	1

Client Sample ID: DUP-01
Lab Sample ID: 880-50226-11
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00350**		0.00200	0.00146	mg/L			10/29/24 16:50	1
Toluene	**0.0115**		0.00200	0.000985	mg/L			10/29/24 16:50	1

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Client Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Client Sample ID: DUP-01

Date Collected: 10/23/24 00:00
Date Received: 10/24/24 16:10

Lab Sample ID: 880-50226-11

Matrix: Water

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

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.0147**		0.00200	0.00105	mg/L			10/29/24 16:50	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 16:50	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 16:50	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*		*10/29/24 16:50*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*		*10/29/24 16:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0297**		0.00200	0.00105	mg/L			10/29/24 16:50	1

Surrogate Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-50226-1	WP-1	102	100
880-50226-1 MS	WP-1	103	101
880-50226-1 MSD	WP-1	107	101
880-50226-2	WP-4R	100	100
880-50226-3	WP-11	96	101
880-50226-4	WP-12	141 S1+	103
880-50226-5	WP-13	110	99
880-50226-6	WP-15	98	100
880-50226-7	WP-22	99	102
880-50226-8	WP-23	105	99
880-50226-9	AS-1	119	108
880-50226-10	OW-1	99	103
880-50226-11	DUP-01	139 S1+	105

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB2 (70-130)	DFBZ2 (70-130)
LCS 880-94300/3	Lab Control Sample	104	101
LCSD 880-94300/4	Lab Control Sample Dup	105	101
MB 880-94300/8	Method Blank	97	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

QC Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94300/8
Matrix: Water
Analysis Batch: 94300

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

Analyte	MB Result	MB Qualifier	MQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00146	U	0.00200	0.00146	mg/L			10/29/24 11:21	1
Toluene	<0.000985	U	0.00200	0.000985	mg/L			10/29/24 11:21	1
Ethylbenzene	<0.00105	U	0.00200	0.00105	mg/L			10/29/24 11:21	1
m-Xylene & p-Xylene	<0.00263	U	0.00400	0.00263	mg/L			10/29/24 11:21	1
o-Xylene	<0.00111	U	0.00200	0.00111	mg/L			10/29/24 11:21	1
Xylenes, Total	<0.00263	U	0.00200	0.00111	mg/L			10/29/24 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*10/29/24 11:21*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*		*10/29/24 11:21*	*1*

Lab Sample ID: LCS 880-94300/3
Matrix: Water
Analysis Batch: 94300

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09202		mg/L		92	70 - 130
Toluene	0.100	0.09311		mg/L		93	70 - 130
Ethylbenzene	0.100	0.1018		mg/L		102	70 - 130
m-Xylene & p-Xylene	0.200	0.1859		mg/L		93	70 - 130
o-Xylene	0.100	0.1025		mg/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-94300/4
Matrix: Water
Analysis Batch: 94300

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09271		mg/L		93	70 - 130	1	20
Toluene	0.100	0.09437		mg/L		94	70 - 130	1	20
Ethylbenzene	0.100	0.1023		mg/L		102	70 - 130	0	20
m-Xylene & p-Xylene	0.200	0.1878		mg/L		94	70 - 130	1	20
o-Xylene	0.100	0.1037		mg/L		104	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-50226-1 MS
Matrix: Water
Analysis Batch: 94300

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00146	U	0.100	0.09452		mg/L		95	70 - 130
Toluene	<0.000985	U	0.100	0.09420		mg/L		94	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-50226-1 MS
Matrix: Water
Analysis Batch: 94300

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00105	U	0.100	0.09913		mg/L		99	70 - 130
m-Xylene & p-Xylene	<0.00263	U	0.200	0.1796		mg/L		90	70 - 130
o-Xylene	<0.00111	U	0.100	0.1021		mg/L		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-50226-1 MSD
Matrix: Water
Analysis Batch: 94300

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00146	U	0.100	0.09966		mg/L		100	70 - 130	5	25
Toluene	<0.000985	U	0.100	0.09654		mg/L		97	70 - 130	2	25
Ethylbenzene	<0.00105	U	0.100	0.1010		mg/L		101	70 - 130	2	25
m-Xylene & p-Xylene	<0.00263	U	0.200	0.1809		mg/L		90	70 - 130	1	25
o-Xylene	<0.00111	U	0.100	0.1036		mg/L		104	70 - 130	1	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

QC Association Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

GC VOA

Analysis Batch: 94300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50226-1	WP-1	Total/NA	Water	8021B	
880-50226-2	WP-4R	Total/NA	Water	8021B	
880-50226-3	WP-11	Total/NA	Water	8021B	
880-50226-4	WP-12	Total/NA	Water	8021B	
880-50226-5	WP-13	Total/NA	Water	8021B	
880-50226-6	WP-15	Total/NA	Water	8021B	
880-50226-7	WP-22	Total/NA	Water	8021B	
880-50226-8	WP-23	Total/NA	Water	8021B	
880-50226-9	AS-1	Total/NA	Water	8021B	
880-50226-10	OW-1	Total/NA	Water	8021B	
880-50226-11	DUP-01	Total/NA	Water	8021B	
MB 880-94300/8	Method Blank	Total/NA	Water	8021B	
LCS 880-94300/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-94300/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-50226-1 MS	WP-1	Total/NA	Water	8021B	
880-50226-1 MSD	WP-1	Total/NA	Water	8021B	

Analysis Batch: 94343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50226-1	WP-1	Total/NA	Water	Total BTEX	
880-50226-2	WP-4R	Total/NA	Water	Total BTEX	
880-50226-3	WP-11	Total/NA	Water	Total BTEX	
880-50226-4	WP-12	Total/NA	Water	Total BTEX	
880-50226-5	WP-13	Total/NA	Water	Total BTEX	
880-50226-6	WP-15	Total/NA	Water	Total BTEX	
880-50226-7	WP-22	Total/NA	Water	Total BTEX	
880-50226-8	WP-23	Total/NA	Water	Total BTEX	
880-50226-9	AS-1	Total/NA	Water	Total BTEX	
880-50226-10	OW-1	Total/NA	Water	Total BTEX	
880-50226-11	DUP-01	Total/NA	Water	Total BTEX	

Lab Chronicle

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Client Sample ID: WP-1
Lab Sample ID: 880-50226-1
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 11:42
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 11:42

Client Sample ID: WP-4R
Lab Sample ID: 880-50226-2
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 12:24
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 12:24

Client Sample ID: WP-11
Lab Sample ID: 880-50226-3
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	94300	MNR	EET MID	10/29/24 14:08
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 14:08

Client Sample ID: WP-12
Lab Sample ID: 880-50226-4
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 12:44
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 12:44

Client Sample ID: WP-13
Lab Sample ID: 880-50226-5
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 13:07
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 13:07

Client Sample ID: WP-15
Lab Sample ID: 880-50226-6
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	94300	MNR	EET MID	10/29/24 14:28
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 14:28

Lab Chronicle

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Client Sample ID: WP-22
Lab Sample ID: 880-50226-7
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 13:27
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 13:27

Client Sample ID: WP-23
Lab Sample ID: 880-50226-8
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 13:48
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 13:48

Client Sample ID: AS-1
Lab Sample ID: 880-50226-9
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 16:30
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 16:30

Client Sample ID: OW-1
Lab Sample ID: 880-50226-10
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		10	94300	MNR	EET MID	10/29/24 14:49
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 14:49

Client Sample ID: DUP-01
Lab Sample ID: 880-50226-11
Date Collected: 10/23/24 00:00
Matrix: Water
Date Received: 10/24/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	94300	MNR	EET MID	10/29/24 16:50
Total/NA	Analysis	Total BTEX		1	94343	SM	EET MID	10/29/24 16:50

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Water	Total BTEX

Method Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
5030B	Purge and Trap	SW846	EET MID

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum
Project/Site: Monument Gas Plant

Job ID: 880-50226-1
SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-50226-1	WP-1	Water	10/23/24 00:00	10/24/24 16:10
880-50226-2	WP-4R	Water	10/23/24 00:00	10/24/24 16:10
880-50226-3	WP-11	Water	10/23/24 00:00	10/24/24 16:10
880-50226-4	WP-12	Water	10/23/24 00:00	10/24/24 16:10
880-50226-5	WP-13	Water	10/23/24 00:00	10/24/24 16:10
880-50226-6	WP-15	Water	10/23/24 00:00	10/24/24 16:10
880-50226-7	WP-22	Water	10/23/24 00:00	10/24/24 16:10
880-50226-8	WP-23	Water	10/23/24 00:00	10/24/24 16:10
880-50226-9	AS-1	Water	10/23/24 00:00	10/24/24 16:10
880-50226-10	OW-1	Water	10/23/24 00:00	10/24/24 16:10
880-50226-11	DUP-01	Water	10/23/24 00:00	10/24/24 16:10

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order: 880-50226 Chain of Custody

www.xenco.com Page 1 of 2

Project Manager:	Brent Jennings	Bill to: (if different)	
Company Name:	Ensolum LLC	Company Name:	
Address:	601 N. Marienfield #400	Address:	
City, State ZIP:	Midland TX 79701	City, State ZIP:	
Phone:	432 230 3344	Email:	bjennings@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Monument Gas Plant	Turn Around	
Project Number:	03B1136006	☑ Routine ☐ Rush	
Project Location:	Lea Co NM	Due Date:	
Sampler's Name:	Shane Dillon	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	03B1136006		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR 5
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.9
Total Containers:		Corrected Temperature:	3.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	Sample Comments
WP-1	GW	10-23-24	1450	-	G	3	X	
WP-4R	GW	10-23-24	1420	-	G	3	X	
WP-11	GW	10-24-24	1305	-	G	3	X	
WP-12	GW	10-24-24	1135	-	G	3	X	
WP-13	GW	10-23-24	1530	-	G	3	X	
WP-15	GW	10-24-24	1055	-	G	3	X	
WP-22	GW	10-23-24	1300	-	G	3	X	
WP-23	GW	10-23-24	1340	-	G	3	X	
AS-1	GW	10-24-24	1240	-	G	3	X	
OW-1	GW	10-24-24	1210	-	G	3	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		10/24/24 1610	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 226

www.xenco.com Page 2 of 2

Project Manager:	Beaux Jennings	Bill to: (if different)	
Company Name:	Ensolum LLC	Company Name:	
Address:	601 Mesquite ld #400	Address:	
City, State ZIP:	MIDLAND TX 79701	City, State ZIP:	
Phone:	432 230 3344	Email:	bjennings@ensolum.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Monument Gas Plant	Turn Around	
Project Number:	03B1136006	☒ Routine ☐ Rush	
Project Location:	Lea Co NM	Due Date:	
Sampler's Name:	Shane Diller	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	03B1136006		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	Sample Comments
DUP-01	GW	10-24-24	1200	—	G	3		X	

Shane Diller
BTEX 10-24-24

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		10/24/24 1610	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 880-50226-1
SDG Number: Lea Co. NM

Login Number: 50226
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

ENSOLUM

APPENDIX D

Supporting Documentation

Beaux Jennings

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, April 19, 2024 9:46 AM
To: Beaux Jennings
Cc: Buchanan, Michael, EMNRD; Klein, Cynthia S.; Higginbotham, Christina; Joe Gable; Shane Diller; Kaoru Shimada; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Monument Gas Plant GW Sampling (NMOCD REFERENCE IDs: fGP00000000020; nAUTOfGP000137)

[**EXTERNAL EMAIL**]

Good morning Beaux,

Thanks for providing the notice. The incident events have been updated to reflect this.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Beaux Jennings <bjennings@ensolum.com>
Sent: Friday, April 19, 2024 7:58 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Klein, Cynthia S. <cynthiaklein@targaresources.com>; Higginbotham, Christina <chigginbotham@targaresources.com>; Joe Gable <jgable@ensolum.com>; Shane Diller <sdiller@ensolum.com>; Kaoru Shimada <kshimada@ensolum.com>
Subject: [EXTERNAL] Monument Gas Plant GW Sampling (NMOCD REFERENCE IDs: fGP00000000020; nAUTOfGP000137)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

We are scheduled to conduct our semi-annual groundwater sampling event on Thursday, April 25th and Friday, April 26th. If you have any questions, please let us know.

Thank you,

Beaux Jennings
Associate Principal
210-219-8858
Ensolum, LLC

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 526125

CONDITIONS

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	24650
	Action Number: 526125
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	2024 AGWMR is approved.	11/24/2025
shanna.smith	OCD records indicate that an approved Stage 1/2 plan is not on file. Pursuant to 19.15.30 NMAC Targa Midstream Services LLC (Targa) must submit a Stage 1/2 Abatement plan no later than January 30, 2026, that meets all of the requirements of 19.15.30.13 NMAC. A Stage 2 Abatement Plan dated February 12,2020 has never been finalized.	11/24/2025
shanna.smith	Transition from submitting semi-annual monitoring and sampling reports to submitting quarterly monitoring and sampling reports. Operator may request to reduce reporting based upon future results.	11/24/2025
shanna.smith	All applicable site wells will be analyzed for BTEX EPA Method 8260, sulfates, chlorides and Total Dissolved Solids (TDS).	11/24/2025
shanna.smith	Submit 2025 AGWMR by April 1, 2026.	11/24/2025
shanna.smith	Monthly LNAPL abatement.	11/24/2025