Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS GP, LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

February 15, 2024

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

Mr. Nelson Velez
New Mexico Energy, Minerals & Natural Resources Department – Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

REVIEWED
By Mike Buchanan at 2:50 pm, Apr 22, 2024

Submittal1: ***2021 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report*** (Ensolum, March 30, 2022)
Submittal2: ***Supplemental Environmental Site Investigation and 2022 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report*** (Ensolum, May 4, 2023)
RE: Enterprise Field Services, LLC
Largo Compressor Station - 2008 Condensate Release (et.al. Historical impacts)
County Road (CR) 379, Rio Arriba Co., NM [N 36.4855°, W 107.5578°]
NM EMNRD OCD RP No.: 3R-1001; AP-128; Incident No.: NBP0802953108

Dear Mr. Velez:

Enterprise Products Operating LLC (Enterprise), on behalf of Enterprise Field Services, LLC, has uploaded the above-referenced documents (Submittal1 and Submittal2, collectively "Submittals"), prepared by Ensolum, LLC (Ensolum), online to the New Mexico Energy, Minerals and Natural Resources Department (NM EMNRD) Oil Conservation Division (OCD) E-Permitting website. The Submittals provide documentation of additional delineation and remediation spill response activities associated with the release of natural gas/natural gas condensate (hereinafter the "Release") discovered in January 2008 at the above-referenced compressor station (hereinafter referred to as the "Site"). The release occurred from a condensate storage tank/battery formerly located in the north-northwest quadrant of the Facility (**Area 1**). Subsequent historical petroleum hydrocarbon-related impacts were encountered during response activities and the area was expanded to three additional areas (**Area 2** (discovered in June 2009 during new tank construction) is located at a former valve box in the north central portion of the Facility; **Area 3** (discovered in July 2009 during construction of the pond) is located near the retention pond in the northeast quadrant of the Facility; and, **Area 4** (discovered in November 2010 during Site-wide investigation activities) is located near compression and dehydration treatment equipment in the west-southwest quadrant of the Facility. All four areas are collectively referred to as the "Release Areas". Regulatory oversight of the remediation activities at the Site is currently being shared by the OCD's Santa Fe (District 4) and Aztec (District 3) offices.

Submittal1 summarizes all response activities that occurred between January 1, 2021 and December 31, 2021 ("Reporting Period" for Submittal1); and Submittal2 summarizes all investigation and response activities between September 1, 2021 and December 31, 2022 ("Reporting Period" for Submittal2). During each Reporting Period, the on-going semi-annual groundwater monitoring and sampling (SA-GWM&S) events were continued in (Areas 1 through 4) to evaluate the magnitude and stability of the dissolved-phase hydrocarbon (DPH) plume and monitor areas of former historical impact. In addition, operation and maintenance (O&M) of the automated soil vapor extraction (SVE) and air sparge (AS) system continued on a bimonthly basis, with the additional collection of system emissions vapor samples on a quarterly basis. Data collected from the O&M events was used to monitor and evaluate the systems efficiency and effectiveness in reducing constituents of concern (COC) concentrations within the Area 1 DPH plume.

Based on the data contained in the Submittals, COC concentrations in soil (i.e. adsorbed-phase hydrocarbons, or APH) and the groundwater DPH plume appear delineated in Areas 1-4; however, some locations within Area 3 do remain in exceedance of applicable New Mexico EMNRD OCD soil closure criteria and Water Quality Control Commission (WQCC) groundwater quality standards, respectively.

Review of the 2021/2022 Groundwater Monitoring and SVE Extraction Emissions Sampling Submittals 1&2: Content Satisfactory.
1. Please submit the stage 1 abatement plan and the draft public notice to NM EMNRD OCD E-Permitting spill response activities associated with the release of
2. Reduction in sampling event frequency to annual is approved for the following monitoring wells: MW-6, MW-9, MW-32, MW-34, MW-38, MW-39, MW-40R, MW-41, MW-50, MW-51, MW-52, MW-75, MW-76, MW-77, MW-79, MW-80, and MW-83.
3. Continue groundwater monitoring at the frequency prescribed for the remaining monitoring wells semi-annually.
4. Continue to operate SVE system and conduct O&M as scheduled.
5. Submit the next Groundwater monitoring report by April 1, 2025.

P.O. Box 4324
Houston, Texas 77210-4324
713.381.6500

1100 Louisiana Street
Houston, Texas 77002-5227
www.epplp.com

Based on the findings and conclusions contained in the Submittals, Enterprise plans to: 1) continue SA-GWM&S activities; 2) continue bimonthly O&M of the SVE-AS system, including the collection and analysis of system emissions samples; and, 3) prepare and submit a *Stage 2 Abatement Plan* if/when the *Stage 1 Abatement Plan* is deemed administratively complete. Additionally, based on the locations and previous analytical results of groundwater samples, **Enterprise respectfully requests approval to reduce the frequency of groundwater sampling to annually** for the following wells: MW-6, MW-9, MW-34, MW-38, MW-39, MW-40R, MW-41, MW-50, MW-52, MW-75, MW-76, MW-77, MW-79, MW-80, and MW-83.

Enterprise appreciates the OCD's continued assistance and guidance in bringing closure to this Site. Should you have any questions, comments, or concerns, or require additional information, please contact Scott Drewry via email (sdrewry@eprod.com) or phone (713-381-5696), or our project consultant Kyle Summers (ksummers@ensolum.com) with Ensolum.

Sincerely,

Jon E. Fields
Director, Environmental

cc: Landowner – Mr. John Berry and Mrs. Patricia Berry <PO Box 29, Dexter, NM 88230>

ec: NMOCD, Aztec, NM - Mr. Nelson Velez <Nelson.Velez@state.nm.us>
NMOCD, Santa Fe, NM – Mr. Jim Griswold <Jim.Griswold@state.nm.us>
NMOCD, Santa Fe, NM – Mr. Brad Billings <Bradford.Billings@state.nm.us>
Ensolum, Houston, TX – Mr. Marc E. Gentry <MGentry@ensolum.com>

Submittal1:
2021 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report (Ensolum, March 30, 2022)

2021 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report

Property:

Largo Compressor Station
NE ¼ and SE ¼, S15 T26N R7W
Rio Arriba County, New Mexico

Groundwater Discharge Plan No. GW-211
New Mexico EMNRD OCD RP No. 3RP-1001, AP No. 128
Incident ID No. NBP0802953108

March 30, 2022
Ensolum Project No. 05A1226001

Prepared for:

Enterprise Field Services, LLC
P.O. Box 4324
Houston, Texas 77210-4324
Attn: Mr. Gregory E. Miller, PG

Prepared by:

Ranee Deechilly
Project Manager

Kyle Summers
Senior Project Manager

2021 GROUNDWATER MONITORING AND SOIL VAPOR EXTRACTION EMISSIONS SAMPLING REPORT EXECUTIVE SUMMARY

This report documents 2021 groundwater monitoring and soil vapor extraction (SVE) emissions sampling results for the Largo Compressor Station site, referred to hereinafter as the "Site". The Site is a natural gas compressor station utilized to dehydrate and compress natural gas collected from production wells in the area for transportation via pipeline. The Site was constructed in the mid-1960s and is located off County Road (CR) 379 in Section 15, Township 26 North, Range 7 West in Rio Arriba County, New Mexico (NM).

Site Background

During January 2008, a natural gas condensate release occurred at a condensate storage tank battery (Area 1 - Former Condensate Storage Tank Area). The release was subsequently reported to the NM Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD). Initial response activities included soil boring installation and sampling to evaluate the extent of impact (*Geoprobe Investigation at Largo Compressor Station,* Lodestar Services Inc., May 2008). Results from the initial investigation indicated constituent of concern (COC) concentrations in soil and groundwater above the NM EMNRD OCD closure criteria and the NM Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs). The condensate tanks (formerly located near groundwater monitoring well MW-7) were permanently removed from the facility and replaced by a new condensate storage tank battery at a new location approximately 550 feet southeast of the original tanks.

During June 2009, potential petroleum hydrocarbon impact was discovered during construction at the new condensate storage tank battery in Area 2 (Former Valve Box Area), resulting in the removal of impacted soils. During July 2009, historical petroleum hydrocarbon impact was discovered in Area 3 (Retention Pond Area) during the construction of a stormwater retention pond. Analytical results of soil and groundwater samples collected from the retention pond excavation indicated COC concentrations above NM EMNRD OCD closure criteria for soil and above applicable WQCC GQSs for groundwater. In addition, soil samples collected from four test pits advanced outside the retention pond excavation exhibited COC concentrations above the NM EMNRD OCD closure criteria.

Supplemental excavation, delineation, remediation, and groundwater sampling activities were performed between March/April 2008 and October 2020 in Areas 1 through 4, as documented in the following reports:

- *Report of Subsurface Investigation at Largo Compressor Station*, Lodestar Services, Inc., November 30, 2009
- *General Report EPCO Largo Station Summary Report,* Souder, Miller & Associates, January 10, 2010
- *Interim Remedial Investigation Report*, LT Environmental, Inc., (LTE), May 15, 2010
- *Groundwater Sampling Report*, LTE, September 10, 2010
- *Environmental Site Investigation*, Southwest Geoscience, March 24, 2011
- *Corrective Action Pilot Study Report*, Southwest Geoscience, October 10, 2011
- *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)*, Southwest Geoscience, June 31, 2012
- *Supplemental Site Investigation Report – (November 2012 and January 2013),* Southwest Geoscience, February 22, 2013
- *Remediation Plan (Corrective Action Status Report) Largo Compressor Station*, Southwest Geoscience, March 19, 2014
- *Annual Groundwater Monitoring Report (April and October 2014 Sampling Events and Supplemental Site Investigation Report*, Apex, April 13, 2015
- *Interim Corrective Action (Area 3) and Treated Soil Sampling (Area 1) Report*, Apex, July 14, 2016

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- *Soil Remediation Plan*, Apex, May 11, 2017
- *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action,* Apex, August 14, 2017
- *Revised Largo Compressor Station Stage 1 Abatement Plan*, Ensolum, LLC (Ensolum), May 22, 2019
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021

Groundwater sampling events were conducted by Ensolum during April 2021 and November 2021. During December 202,1 supplemental environmental site investigation (SESI) activities were implemented in Area 3 (Retention Pond Area).

Findings based on groundwater sampling and Area 1 remediation activities that were implemented at the Site in 2021 are as follows:

Groundwater Monitoring

- Groundwater analytical data collected from the Site indicates that the petroleum hydrocarbon impact to the shallow groundwater-bearing unit is delineated within the existing monitoring well network.

- The groundwater flow direction at the Site is generally towards the northwest, with an apparent average gradient of 0.004 feet per foot (ft/ft) across the Site.

- Benzene was reported at a concentration (22 microgram per liter (µg/L)) exceeding the NM WQCC GQS of 10 µg/L in the groundwater sample collected from monitoring well MW-48 during the November 2021 sampling event (see footnote in report). The results for groundwater samples collected from the remaining monitoring wells during 2021 do not indicate COC concentrations above the applicable WQCC GQSs (see footnote in report).

- Benzene concentrations at monitoring well MW-48 continue to fluctuate. Benzene concentrations at monitoring well MW-7 have decreased in repsonse to the SVE and air sparge (AS) activities in Area 1.

Soil and Groundwater Remediation (Area 1)

- SVE emission samples were collected on a quarterly basis from March to December 2021. Based on analytical results, total petroleum hydrocarbon (TPH) gasoline range organic (GRO) concentrations decreased in 2021 as a result of the SVE/AS activites.

SESI (December 2021)

- Nine soil borings were advanced in Area 3 during December 2021. Eight borings were completed as groundwater monitoring wells. A dedicated SESI report will be prepared once the February 2022 groundwater data associated with the new/replacement wells is fully evaluated and after the new/replacement wells have been surveyed.

Ensolum offers the following recommendations based on the available data:

- Report the groundwater monitoring and SVE sampling data to the NM EMNRD OCD.

- Continue the SVE and AS activities to further reduce COC concentrations in Area 1 soils and groundwater.

- Continue groundwater monitoring at the Site.

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- Request that the NM EMNRD OCD allow Enterprise to reduce the sampling frequency of the following wells to once annually: MW-6, MW-9, MW-32, MW-34, MW-38, MW-39, MW-40R, MW-41, MW-50, MW-51, MW-52, MW-75, MW-76, MW-77, MW-79, MW-80, and MW-83.

- After the Stage 1 Abatement Plan has been fully approved and implemented, prepare a Stage 2 Abatement Plan, if required.

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1.0 INTRODUCTION

This report documents the 2021 groundwater monitoring activities and soil vapor extraction (SVE) emissions sampling results for the Largo Compressor Station site, referred to hereinafter as the "Site".

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Largo Compressor Station
Incident ID	NBP0802953108
Location:	36.4855° North, 107.5578° West Northeast (NE) and Southeast (SE) ¼, Section 15 Township 26 North, Range 7 West Off County Road (CR) 379 Rio Arriba County, New Mexico
Property:	Enterprise and Private Land (John and Patricia Berry)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

The Site is a natural gas compressor station designed to dehydrate and compress natural gas gathered from production wells in the area for transportation via pipeline. The Site was constructed in the mid-1960s and currently includes two compressor engines, a dehydration unit and related treater, one bullet storage tank, a condensate storage tank battery containing seven tanks, inlet scrubbers, a control room, a stormwater retention pond, and an office/shop building.

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** of **Appendix A**. The locations of the environmental wells are depicted on **Figure 3** in relation to pertinent Site features and general Site boundaries.

The areas of known or potential impact at the Site have been previously designated as Areas 1 through 4 in prior New Mexico EMNRD OCD correspondence. Each of the areas is depicted on **Figure 3** in relation to pertinent Site features and general Site boundaries. These areas are briefly described below:

Area 1 (Former Condensate Storage Tank Area)
Area 1 is defined as the northwestern portion of the Site and includes the former condensate storage tank battery associated with on-going investigation/monitoring and/or corrective actions since a release from a condensate storage tank valve was reported to the New Mexico EMNRD OCD in January 2008. The old condensate storage tanks were removed from Area 1 during July/August 2012. During the summer and fall of 2013, Enterprise removed hydrocarbon-affected soils from the former tank battery footprint. The SVE and air sparge (AS) system (installed during 2018) was placed into service during 2019. Additional detail regarding the investigative and corrective activities at Area 1 are provided in the following reports:

- *Report of Subsurface Investigation at Largo Compressor Station*, Lodestar Services, Inc., November 30, 2009
- *Interim Remedial Investigation Report*, LT Environmental, Inc. (LTE), May 15, 2010
- *Groundwater Sampling Report*, LTE, September 10, 2010
- *Environmental Site Investigation – Largo Compressor Station (GW-211)*, Southwest Geoscience (SWG), March 24, 2011
- *Corrective Action Pilot Study Report*, SWG, October 10, 2011
- *Remediation Plan (Corrective Action Status Report) Largo Compressor Station,* SWG, March 19, 2014

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- *Annual Groundwater Monitoring Report (April and October 2014 Sampling Events) and Supplemental Site Investigation Report*, Apex TITAN, Inc., (Apex), April 13, 2015
- *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action*, Apex, August 14, 2017
- *Revised Largo Compressor Station Stage 1 Abatement Plan*, Ensolum, LLC (Ensolum), May 22, 2019
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021

Area 2 (Former Valve Box Area)

Area 2 includes the new condensate storage tank battery and the immediate surrounding area. This area is in the north central portion of the Site, immediately south of CR 379. During the construction of the new tank battery in June 2009, petroleum hydrocarbon-affected soils were encountered in association with a former valve box and related appurtenances. These impacts were subsequently remediated. Additional details regarding previous investigative and corrective activities at Area 2 are provided in the following reports:

- *Environmental Site Investigation – Largo Compressor Station (GW-211)* (SWG, March 24, 2011)
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021

Area 3 (Retention Pond Area)

Area 3 encompasses the east portion of the Site including the stormwater retention pond. Historical petroleum hydrocarbon-affected soil and groundwater were identified during the construction of the retention pond in July 2009, which may have originated from historic oil and contact water treatment and/or storage in the area of the current retention pond. Area 3 soil removal activities were completed during 2019. Additional details regarding previous investigative and corrective activities at Area 3 are provided in the following reports:

- *Environmental Site Investigation – Largo Compressor Station (GW-211)*, SWG, March 24, 2011
- *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)*, SWG, June 31, 2012
- *Supplemental Site Investigation Report – (November 2012 and January 2013)*, SWG, February 22, 2013
- *Interim Corrective Action (Area 3) and Treated Soil Sampling (Area 1) Report,* Apex, July 14, 2016 *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action,* Apex, August 14, 2017
- *Revised Largo Compressor Station Stage 1 Abatement Plan*, Ensolum, May 22, 2019
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021

Area 4 (Compression and Dehydration Area)

Area 4 comprises the remainder of the Site, which includes the active compression and treatment area that includes two compressor engines, a dehydration unit and related inlet scrubbers. Soil and groundwater investigation activities conducted in Area 4 are provided in the following reports:

- *Environmental Site Investigation – Largo Compressor Station (GW-211)*, SWG, March 24, 2011
- *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)*, SWG, June 31, 2012

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. To address activities related to oil and gas releases, the New Mexico EMNRD OCD references 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 New Mexico EMNRD OCD utilizes

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the New Mexico WQCC GQS (NMAC 20.6.2 *Ground and Surface Water Protection*) to evaluate groundwater conditions.[1]

1.2 Chronology of Events

Significant events and related activities associated with the Site, including the results of Site investigation activities and corrective action completed prior to activities described within this report, are chronologically provided in **Appendix B**.

1.3 Project Objectives

The objectives of the 2021 groundwater monitoring and SVE emissions sampling activities were i) to further evaluate the concentrations of constituents of concern (COCs) in groundwater at the Site; and ii) to evaluate the remediation efficiency of the Area 1 SVE/AS remediation system.

2.0 GROUNDWATER MONITORING

2.1 Groundwater Sampling Program

Ensolum conducted groundwater sampling events during April 2021 and November 2021. The groundwater sampling program consisted of the collection of one groundwater sample from each of the viable monitoring wells.

Monitoring well MW-47 was not sampled due to structural damage that occurred in 2016. Monitoring well MW-55 has exhibited a casing obstruction since May of 2017 and has not been sampled since May 2018. Based on an inspection of the well during October 2018, the well screen appears to be damaged. Monitoring well MW-42 was not sampled due to an obstruction in the well casing. Of the monitoring wells not sampled, only MW-47 was historically impacted by petroleum hydrocarbons. As this well was located on an active production pad, the well was not directly replaced. As a replacement for the well, three down-gradient wells (MW-88, MW-89, and MW-90) were installed at the edge of the production pad in 2014. Further, it is uncertain if the impact observed at MW-47 was associated with the Enterprise Area 1 release.

The groundwater sampling program consisted of the following:

- Prior to sample collection, Ensolum gauged the depth to fluids in each monitoring well using an interface probe capable of detecting non-aqueous phase liquids (NAPL).
- Each viable two inch 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 during each event.
- 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) are typically maintained during the low-flow/low-stress sampling activities, using dedicated or decontaminated sampling equipment.

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

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

- The casing of monitoring well MW-75 is approximately 1.5-inches in diameter, which does not permit the use of the bladder pump for sampling. As a result, this monitoring well was purged until effectively dry utilizing a disposable bailer. Subsequent to the completion of the purging process and the recovery of groundwater to static levels, one groundwater sample was collected from the monitoring well during each event.

- Groundwater samples were collected in laboratory supplied containers (pre-preserved by the laboratory with mercuric chloride ($HgCl_2$)). The containers were labeled and sealed using the laboratory supplied labels and custody seals and were stored on ice in a cooler. The groundwater samples were relinquished to the courier for Hall Environmental Analysis Laboratory (HEAL) of Albuquerque, New Mexico under proper chain-of-custody procedures.

2.2 Groundwater Laboratory Analytical Methods

The groundwater samples collected from the monitoring wells during the 2021 groundwater sampling events were analyzed for BTEX utilizing United States (US) Environmental Protection Agency (EPA) SW-846 Methods 8021 or 8260.

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

Analytes	Sample Matrix	No. of Samples (per event)	EPA Method
BTEX	Groundwater	32	SW-846 8021 or 8260

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

2.3 Groundwater Flow Direction

Each monitoring well has been surveyed to determine the top-of-casing (TOC) elevation. Prior to sample collection, Ensolum gauged the static depth to fluids in each monitoring well utilizing an interface probe capable of detecting hydrocarbon liquids. The groundwater flow direction at the Site is generally toward the northwest, with an apparent average gradient of approximately 0.004 feet per foot (ft/ft) across the Site.

Groundwater measurements collected during the 2021 gauging events (as well as historical gauging data) are presented in **Table 2** (**Appendix C**). Groundwater gradient maps prepared from the 2021 gauging events data are included as **Figures 5A** and **5B** (**Appendix A**).

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2.4 Groundwater Data Evaluation

Ensolum compared the BTEX laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the groundwater samples collected during the 2021 groundwater sampling events to the New Mexico WQCC GQSs.[1] The results of the analyses are summarized in **Table 1** of **Appendix C**. Groundwater Quality Standard Exceedance Zone maps are provided as **Figures 5A** and **5B** of **Appendix A**.

April 2021

- The April 2021 analytical result for monitoring well MW-48 indicates a benzene concentration of 1.4 micrograms per liter (µg/L), which is below the WQCC GQS of 10 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate benzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 10 µg/L.[1]

- The April 2021 analytical result for monitoring well MW-3R indicates a toluene concentration of 1.5 µg/L, which is below the WQCC GQS of 750 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate toluene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The April 2021 analytical result for monitoring well MW-48 indicates an ethylbenzene concentration of 1.8 µg/L, which is below the WQCC GQS of 750 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate ethylbenzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The April 2021 analytical results for the monitoring wells do not indicate total xylenes concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 620 µg/L.[1]

- No data qualifier flags are associated with the April 2021 analytical results.

November 2021

- The November 2021 analytical result for monitoring well MW-48 indicates a benzene concentration of 22 µg/L, which exceeds the WQCC GQS of 10 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate benzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 10 µg/L.[1]

- The November 2021 analytical results for the monitoring wells do not indicate toluene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The November 2021 analytical result for monitoring well MW-48 indicates an ethylbenzene concentration of 5.8 µg/L, which is below the WQCC GQS of 750 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate ethylbenzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The November 2021 analytical results for the monitoring wells do not indicate toluene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 620 µg/L.[1]

- No data qualifier flags are associated with the November 2021 analytical results.

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

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3.0 SOIL VAPOR EXTRACTION EMISSIONS MONITORING (AREA 1)

Soli Technical, LLC (Soli) conducted emissions sampling during March, June, September, and December 2021. During each event, a sample was collected from the SVE discharge and submitted for laboratory analysis for BTEX and total petroleum hydrocarbon (TPH) gasoline range organics (GRO). The sample collected in March 2021 exhibited a TPH GRO concentration of 105,000 micrograms per cubic meter (µg/m³). Following nine months of SVE/AS system operation, the TPH GRO concentration decreased to 1,520 µg/m³ (December 2021). Details are provided in the *Annual Remediation System Operations Report* (Soli, February 17, 2022) that is included in **Appendix E**.

4.0 SUPPLEMENTAL ENVIRONMENTAL SITE INVESTIGATION (DECEMBER 2021)

During December 2021, Ensolum implemented a supplemental environmental site investigation (SESI) in Area 3. Nine soil borings were advanced and eight of the soil borings were completed as permanent groundwater monitoring wells. The new groundwater monitoring wells were installed to replace monitoring wells that were removed during remediation activities that occurred between 2017 and 2019. A dedicated SESI report will be prepared after the February 2022 groundwater data associated with the new/replacement wells is fully evaluated and after the new/replacement wells have been surveyed.

5.0 FINDINGS

Based on the evaluation of the groundwater analytical results and Area 1 SVE emissions sampling activities, Ensolum presents the following findings:

Groundwater Monitoring

- The groundwater flow direction at the Site is generally towards the northwest, with an apparent average gradient of 0.004 feet ft/ft across the Site.
- Benzene was reported at a concentration (22 µg/L) exceeding the New Mexico WQCC GQS of 10 µg/L in the groundwater sample collected from monitoring well MW-48 during the November 2021 sampling event. The groundwater samples collected from the remaining monitoring wells during 2021 do not indicate COC concentrations above the applicable WQCC GQSs.[1]
- Benzene concentrations at monitoring well MW-48 continue to fluctuate. Benzene concentrations at monitoring well MW-7 have decreased in response to the SVE and AS activities in Area 1.

Soil and Groundwater Remediation (Area 1)

- SVE emission samples were collected on a quarterly basis from March to December 2021. Based on analytical results TPH GRO concentrations decreased in 2021 as a result of the SVE/AS activites.

SESI (December 2021)

- Nine soil borings were advanced in Area 3 during December 2021. Eight borings were completed as groundwater monitoring wells. A dedicated SESI report will be prepared once the February 2022 groundwater data associated with the new/replacement wells is fully evaluated and after the

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

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new/replacement wells have been surveyed.

6.0 RECOMMENDATIONS

Based on the results of the activities conducted during 2021, Ensolum has the following recommendations:

- Report the groundwater monitoring and SVE sampling data to the New Mexico EMNRD OCD.
- Continue the SVE and AS activities to further reduce COC concentrations in Area 1 soils and groundwater.
- Continue groundwater monitoring at the Site.
- Request that the New Mexico EMNRD OCD allow Enterprise to reduce the sampling frequency of the following wells to once annually: MW-6, MW-9, MW-32, MW-34, MW-38, MW-39, MW-40R, MW-41, MW-50, MW-51, MW-52, MW-75, MW-76, MW-77, MW-79, MW-80, and MW-83.
- After the Stage 1 Abatement Plan has been fully approved and implemented, prepare a Stage 2 Abatement Plan, if required.

7.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

7.1 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.

7.2 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.

7.3 Reliance

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

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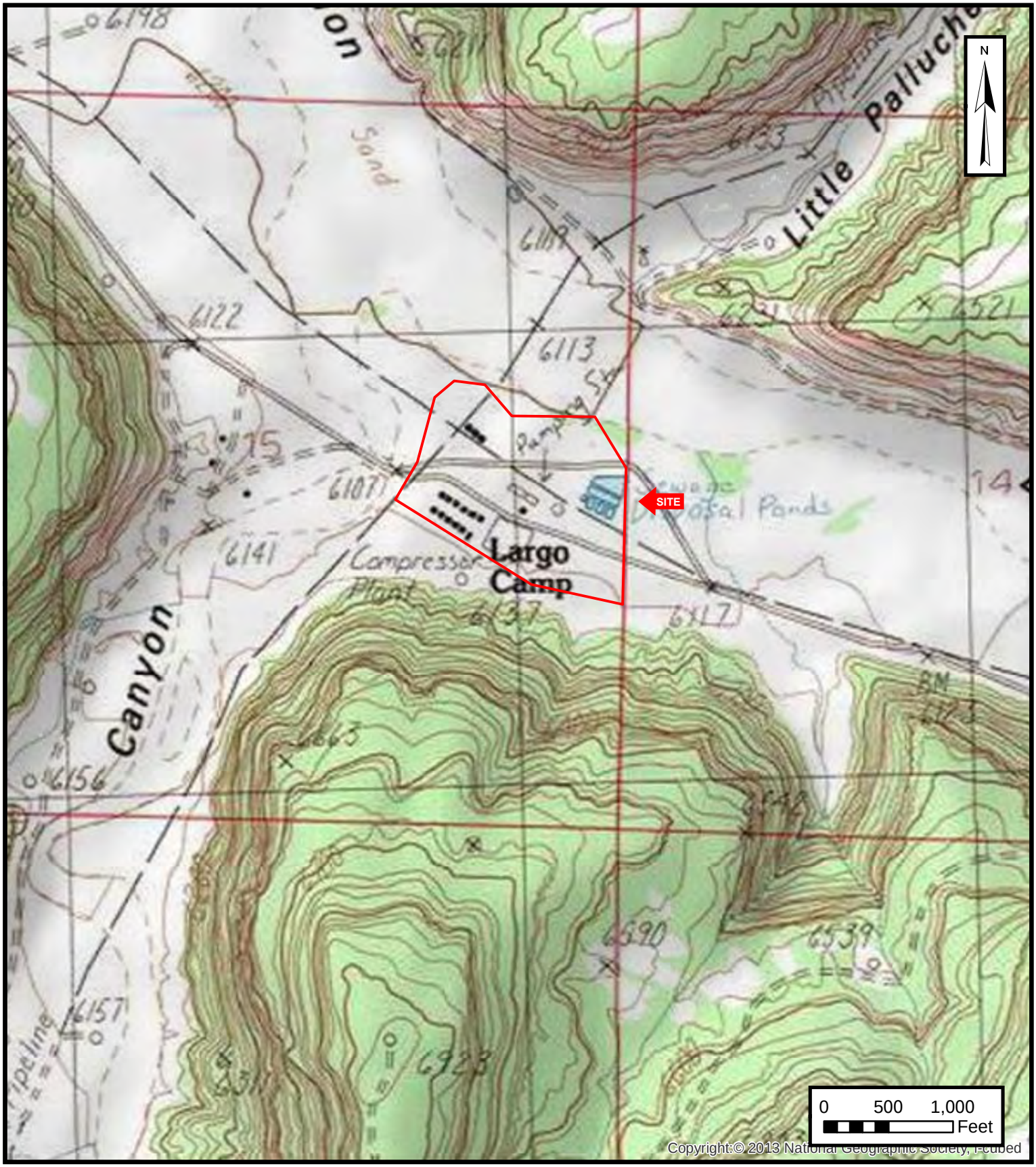
APPENDIX A

Figures



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TOPOGRAPHIC MAP

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION
NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

PROJECT NUMBER: 05A1226001

FIGURE
1

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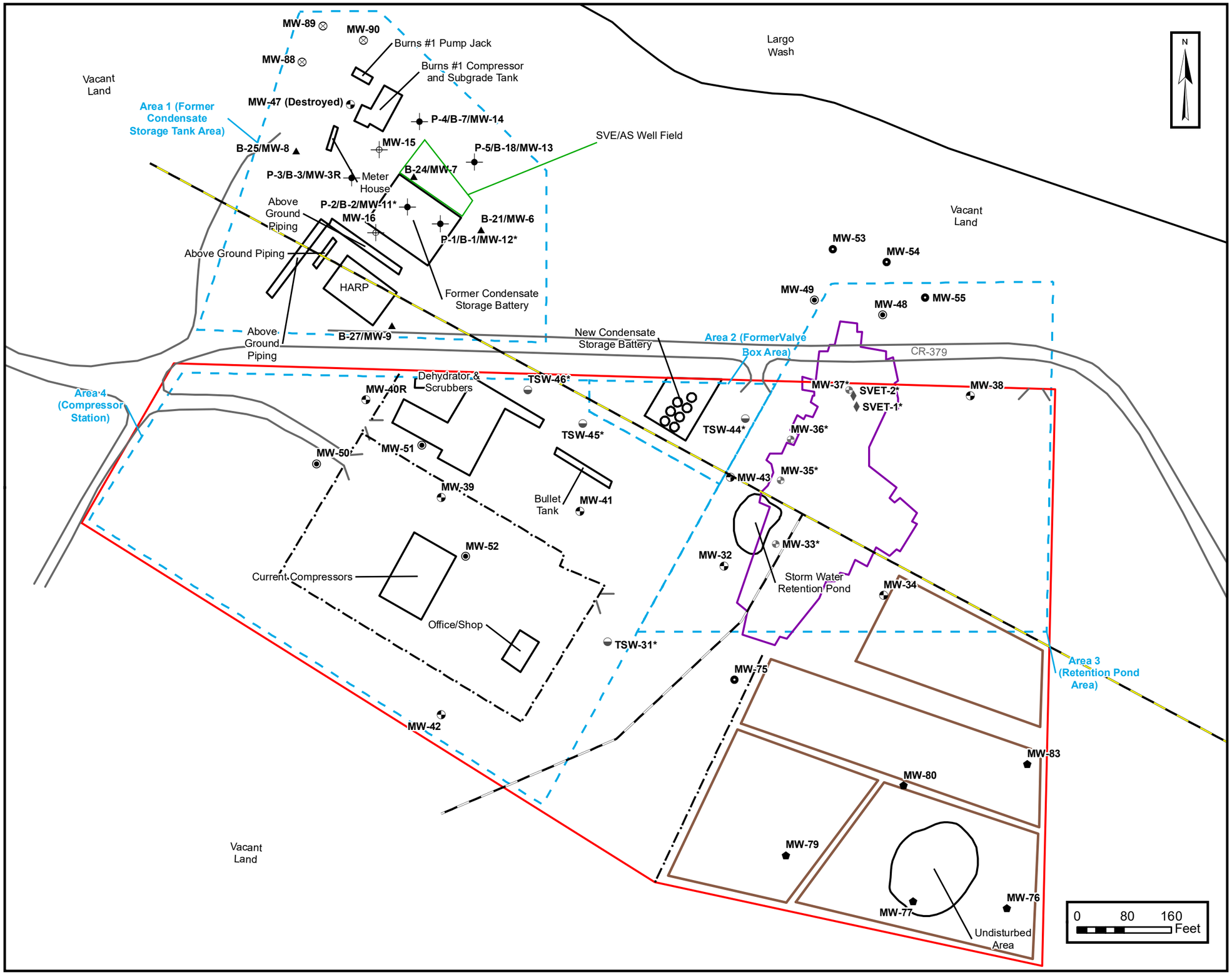
SITE VICINITY MAP

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION
NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

PROJECT NUMBER: 05A1226001

FIGURE
2



LEGEND:

- Site Outline
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Plugged and Abandoned Monitoting Well
- Chain Link Fence
- Trunk K Pipeline
- Well Tie

NOTE:
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.

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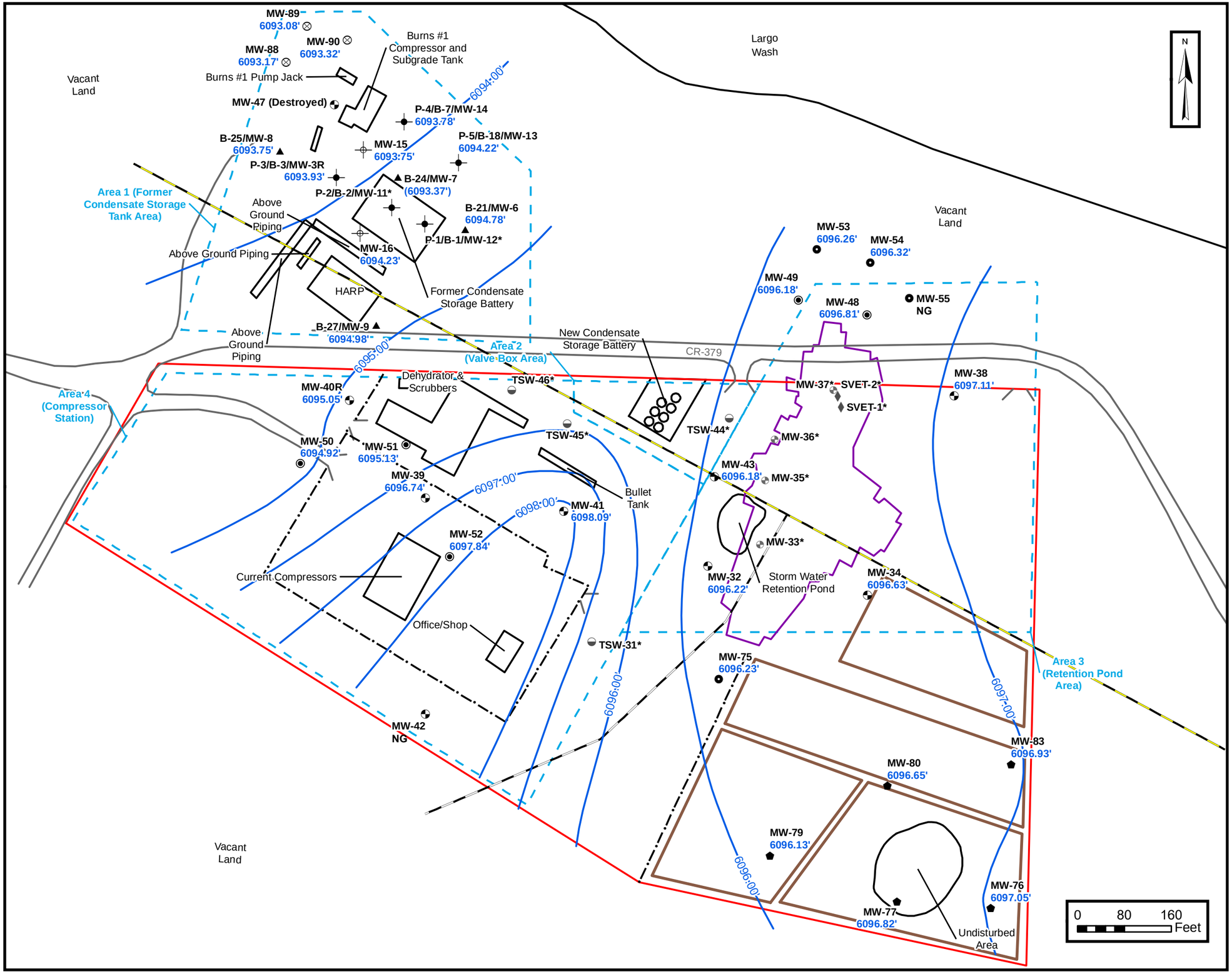
SITE MAP

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico 36.4855° N, 107.5578° W

FIGURE
3

Ensolum Project No : 05A1226001



LEGEND:

- Site Outline
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Groundwater Contour Line (Contour Interval = 1.00')
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Plugged and Abandoned Monitoting Well
- Chain Link Fence
- Trunk K
- Well Tie

NOTES:
All groundwater elevations are shown in **blue** and listed in Feet.
(6093.37') - Data Not Used For Contouring
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
MW-55 appears to have an obstruction in the casing.
NG - Not gauged

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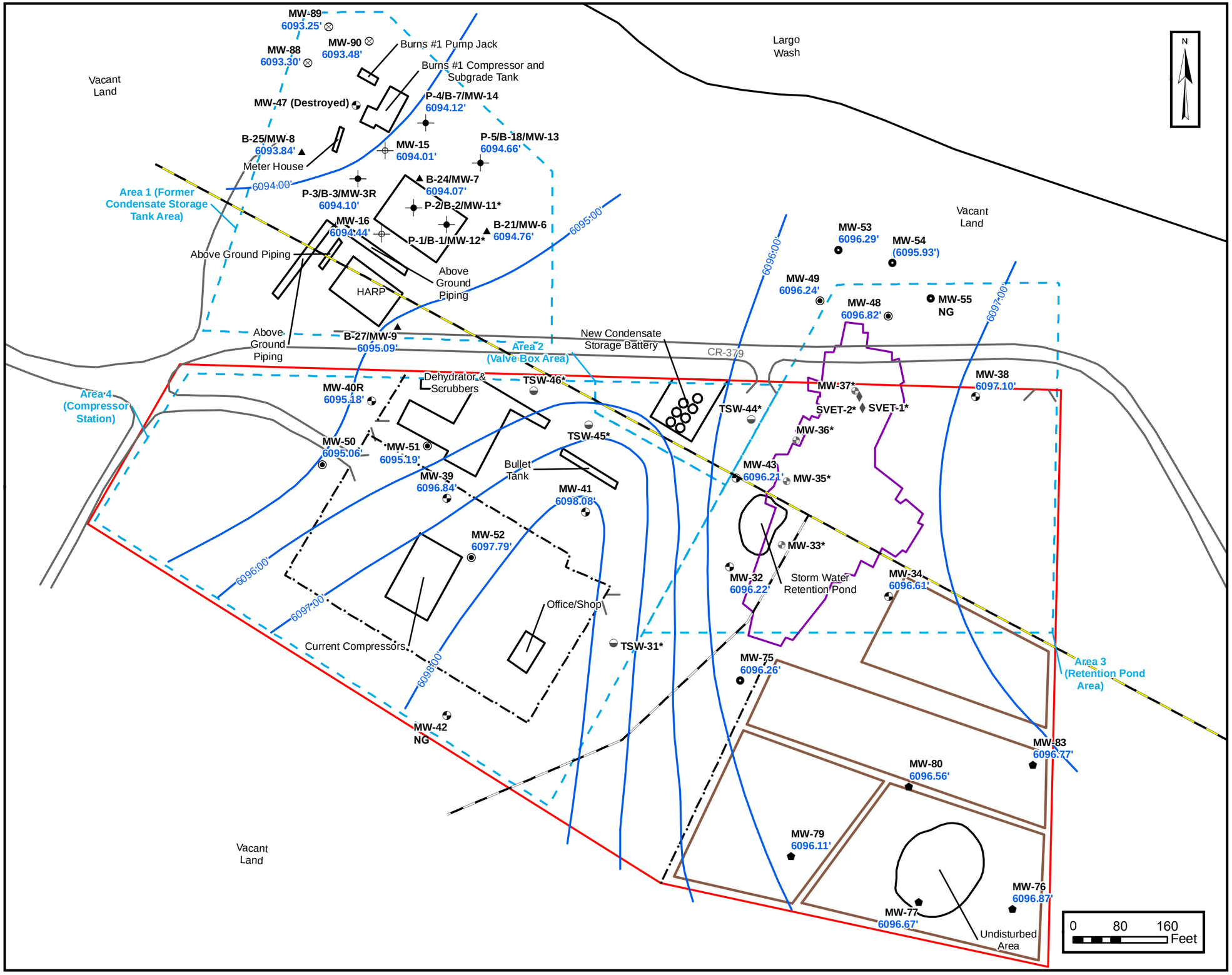
GROUNDWATER GRADIENT MAP (APRIL 2021)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
4A

Ensolum Project No : 05A1226001



LEGEND:

- Site Outline
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Groundwater Contour Line (Contour Interval = 1.00')
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
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- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
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- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Plugged and Abandoned Monitoting Well
- Chain Link Fence
- Trunk K
- Well Tie

NOTES:
All groundwater elevations are shown in **blue** and listed in Feet.
(6095.93') - Data Not Used For Contouring
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
MW-55 appears to have an obstruction in the casing.
NG - Not gauged

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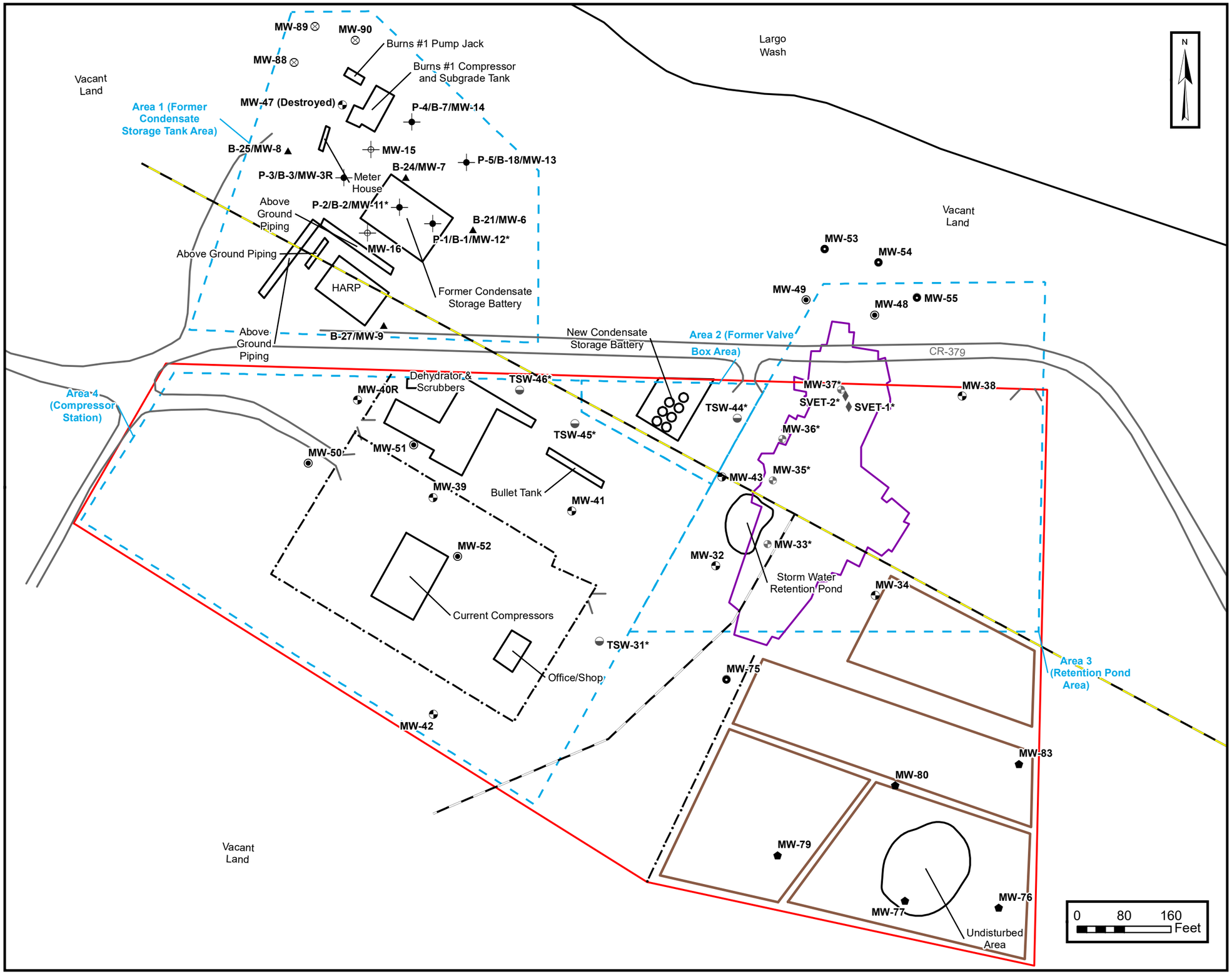
GROUNDWATER GRADIENT MAP (NOVEMBER 2021)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
4B

Ensolum Project No : 05A1226001



LEGEND:

- Site Outline
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
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- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Plugged and Abandoned Monitoting Well
- Chain Link Fence
- Trunk K
- Well Tie

NOTES:
No BTEX exceedances were observed during this sampling event.

* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.

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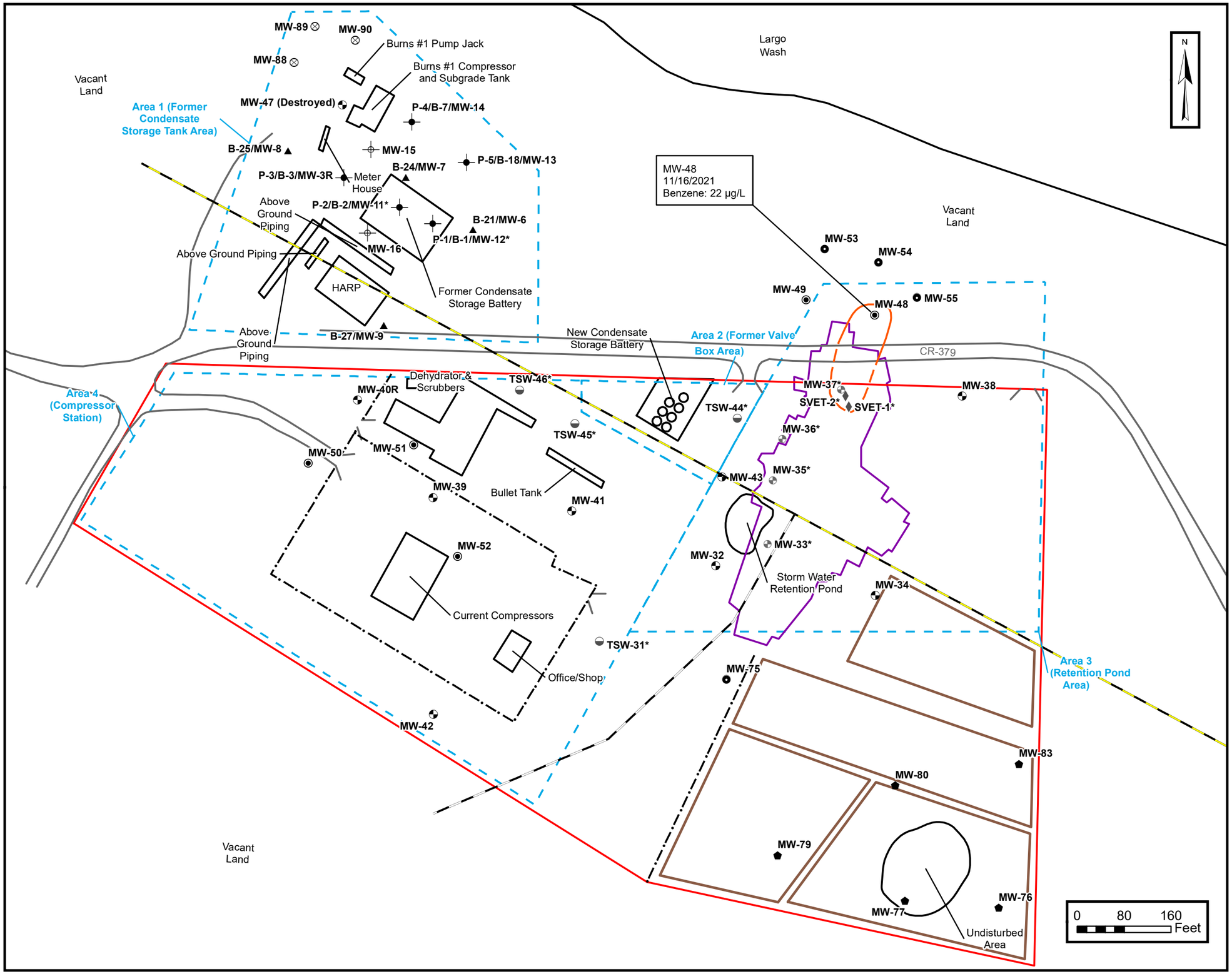
GROUNDWATER QUALITY STANDARD (GQS) EXCEEDANCE ZONE MAP (APRIL 2021)
ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
5A

Ensolum Project No : 05A1226001



LEGEND:

- Site Outline
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Plugged and Abandoned Monitoting Well
- Chain Link Fence
- Trunk K
- Well Tie
- GQS Exceedance Zone Inferred
- GQS Exceedance Zone

NOTES:
µg/L - micrograms per liter
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
NMAC 20.6.2 was amended (12/21/18). The New Mexico EMNRD OCD has not responded to Enterprise's inquiries regarding which closure standards will apply to sites that predate the 2018 rule. Therefore, this figure reflects the previous GQSs that were applicable at the time of initial remediation.

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GROUNDWATER QUALITY STANDARD (GQS) EXCEEDANCE ZONE MAP (NOVEMBER 2021)
ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
5B

Ensolum Project No : 05A1226001

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APPENDIX B

Chronology of Events

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Chronology of Events

January 2008

Area 1: A release was discovered that resulted from a frozen valve on a condensate storage tank. The release flowed into the below-grade drain tanks, which subsequently overflowed into the surrounding containment. The release was subsequently reported to the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD).

March/April 2008

Area 1: *Geoprobe Investigation at Largo Compressor Station (Lodestar, May 16, 2008)*: Initial field investigation activities were performed by Lodestar Services, Inc., (Lodestar) during March and April of 2008. Nineteen soil borings (B-1 through B-19) were advanced at the Site with total depths ranging from 14.5 feet below grade surface (bgs) to 21 feet bgs. Five of the 19 soil borings completed as one inch diameter piezometers (P-1 though P-5).

Lodestar collected 29 soil samples from the 19 soil borings and submitted the samples for analysis of total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). In addition, five groundwater samples collected from the piezometers were submitted for TPH GRO/DRO and BTEX analysis. Soil samples collected from soil borings B-1, B-2, B-5, and B-14 exhibited TPH GRO/DRO concentrations above the New Mexico EMNRD OCD standards. The groundwater samples collected from piezometers P-1, P-2, and P-3 exhibited benzene, toluene, and/or total xylene concentrations above the Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs).

August/September 2008

Area 1: Enterprise submitted a notice to the New Mexico EMNRD OCD that the condensate storage tank system was scheduled to be upgraded/replaced.

September/October 2008

Areas 1 through 4: The New Mexico EMNRD OCD approved Enterprise's planned storage tank modification with the condition that Enterprise file an appropriate closure plan for the old tank battery.

June/July 2009

Area 2: An area of petroleum hydrocarbon impact was discovered during construction activities at the new condensate storage tank battery. The source of impact is presumed to be a valve box from a storage tank formerly utilized at this location. Souder, Miller, & Associates (SMA) assisted with the assessment activities and Foutz & Bursum (F&B) performed the excavation activities. Exploratory "potholes" were advanced to investigate the extent of subsurface contamination. Groundwater was encountered at approximately 13 feet bgs during these activities. On June 26, 2009, SMA collected a groundwater sample from pothole #1 (PH #1). Based on the laboratory analytical data, benzene was identified at a concentration exceeding the WQCC GQSs. Based on field observations, soil screening data, and laboratory analytical data, F&B excavated the impacted soils, resulting in a final excavation approximately 100 feet long by 30 feet wide and 13 feet deep. SMA collected a total of four soil confirmation samples from the sidewalls of the Area 2 excavation and one soil confirmation sample from the excavated soil stockpile and submitted them for analysis of TPH

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GRO/DRO. The confirmation soil samples did not exhibit constituent of concern (COC) concentrations above the New Mexico EMNRD OCD standards. The Area 2 excavation was backfilled in July 2009 with unaffected soil and gravel. Southwest Geoscience (SWG) subsequently collected groundwater samples from this approximate area (TSW-44 and TSW-45) and groundwater impacts were not observed (*Environmental Site Investigation* (SWG, March 24, 2011)*).*

July 2009

Area 1: *Inspection Report – New Mexico OCD (July 9, 2009):* Onsite inspection by New Mexico EMNRD OCD required Enterprise to conduct tank integrity testing, improve leak detection monitoring, liner repair, soil and groundwater remediation, and system repair or replacement.

Area 1: *Response to Inspection Report – Enterprise (July 23, 2009):* Enterprise submitted a work plan to perform additional investigation activities at the Site.

July/August 2009

Area 3: Petroleum hydrocarbon impact was discovered in Area 3 during the excavation of a stormwater retention pond at the facility. Initial Form C-141 was submitted to New Mexico EMNRD OCD on July 6, 2009.

On July 15, 2009, a cement tank containing water (possibly an old cistern or part of the septic system) was unearthed in the vicinity of the planned stormwater retention pond. SMA collected a water sample from the tank, and subsequent BTEX analyses indicated the tank water did not exhibit BTEX concentrations in excess of the WQCC GQSs. Soil confirmation samples were collected below the water table (BWT) on the north side of the retention pond excavation and on the northeast wall (NE Wall) of the retention pond excavation. Sample results indicated the “BWT” and “NE Wall” samples contained TPH GRO/DRO, benzene, and/or total BTEX concentrations exceeding the New Mexico EMNRD OCD standards. A groundwater sample (GE) was collected at the BWT soil sample location and was submitted for analysis of BTEX. The GE groundwater sample exhibited benzene, toluene, and total xylenes concentrations exceeding the WQCC GQSs.

On July 16, 2009, SMA installed four test pits, each completed to a total depth of approximately 13 feet bgs, to the north and east of the retention pond excavation. Groundwater was encountered in each of the test pits at approximately 13 feet bgs. SMA collected one soil sample just above the water table in each of the test pits and field screened them for the presence of volatile organic compounds (VOCs). Based on visual observations and field screening results of the soil samples, it was concluded that “soil impacts likely extended beyond a reasonable area for excavation”. Enterprise elected to terminate further excavation and to remove any visibly contaminated soil remaining in the existing excavation of Area 3. SMA subsequently collected a groundwater sample (SWCRP) from the southwest corner of the retention pond excavation and submitted it for analysis of BTEX. The SWCRP groundwater sample exhibited benzene and total xylenes concentrations above the WQCC GQSs.

The excavated soils, totaling approximately 1,701 cubic yards (although one source indicates 3,000 cubic yards), were transported off-site and disposed of at the Envirotech, Inc., (Envirotech) landfarm near Hilltop, New Mexico. Additionally, a vacuum truck was utilized to remove approximately 1,120

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	barrels (bbls) of hydrocarbon-impacted groundwater from the excavation prior to backfilling. The excavation was backfilled with approximately 1,360 cubic yards of unaffected material, creating a four to five foot deep depression for use as the stormwater retention pond.
August 2009	Area 1: *Report of Subsurface Investigation at Largo Compressor Station* (Lodestar, November 30, 2009)*:* During August 2009, Lodestar performed a subsurface field investigation at the Site. Ten additional soil borings (B-21 through B-30) were advanced at the Site. Additionally, two hand auger borings (HA-1 and HA-2) were advanced within the former condensate storage tank containment berm. Four of the ten soil borings were completed as permanent two inch groundwater monitoring wells (MW-6 through MW-9). Soil samples collected from soil borings B-22 (15 feet bgs), B-23 (15 feet bgs), B-24 (15 feet bgs), B-29 (18 feet bgs), and HA-1 (14 feet bgs) exhibited total BTEX and/or TPH GRO/DRO concentrations above New Mexico EMNRD OCD standards. The groundwater samples collected from piezometers P-2 and P-3 and monitoring well MW-7 exhibited benzene, toluene, and/or total xylenes concentrations above the WQCC GQSs. Non-aqueous phase liquid (NAPL) was reportedly present in piezometer P-1. Lodestar concluded that soil and groundwater impact was limited to the bermed area and slightly outside of the bermed area in the down-gradient (northwest) direction.
November 2009/ February 2010	Area 1: *November 2009 Groundwater Sampling* (Lodestar, December 17, 2009)*, Quarterly Groundwater Monitoring Report* (Lodestar, April 20, 2010)*:* Groundwater sampling events were performed during November 2009 and February 2010 by Lodestar. The groundwater samples collected from groundwater monitoring wells MW-7 and P-2 (renamed as MW-11) exhibited benzene and/or total xylenes concentrations above the WQCC GQSs. NAPL was identified in piezometer P-1 during each of these two groundwater monitoring events.
January 2010	Area 1: *Largo Compressor Station Work Plan for Groundwater Remediation GW-211* (Lodestar, December 31, 2009)*:* Enterprise submitted a groundwater remediation work plan for the Site detailing the proposed injection of Oxygen Release Compound (ORC) and utilization of sorbent socks to the New Mexico EMNRD OCD.
February 2010	Area 1: The New Mexico EMNRD OCD approved the December 31, 2009 work plan with conditions.
March/April 2010	Area 1: *Interim Remedial Investigation Report* (LTE, May 15, 2010)*:* During March of 2010, LT Environmental, Inc., (LTE), formerly Lodestar, advanced two additional soil borings at the Site to total depths ranging from approximately 31 to 32 feet bgs. Groundwater was encountered in both soil borings with static water levels of 20 and 22 feet bgs. The two soil borings were subsequently completed as two inch groundwater monitoring wells (MW-15 and MW-16). LTE also replaced piezometer P-1 with a four inch groundwater monitoring well (MW-12) to allow NAPL collection utilizing absorbent socks. Additionally, piezometers P-2, P-3, P-4, and P-5 were replaced with two inch groundwater monitoring wells MW-11, MW-3R, MW-14, and MW-13, respectively.

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	Area 1: During April 2010, LTE collected groundwater samples from the on-Site groundwater monitoring wells for TPH GRO/DRO and BTEX analyses. The groundwater samples collected from monitoring wells MW-7 and MW-12 exhibited benzene, toluene, and/or total xylenes concentrations above the WQCC GQSs.
May 2010	Area 1: A final C-141 was submitted to the New Mexico EMNRD OCD, indicating the need for additional studies. Areas 1 through 4: On May 27, 2010, Enterprise submitted an extension request to the New Mexico EMNRD OCD pertaining to investigation activities at the Largo Compressor Station, citing a planned facility-wide investigation.
June 2010	Areas 1 through 4: *Proposed Facility-Wide Soil and Groundwater Investigation* (LTE, June 8, 2010): Enterprise submitted a work plan to provide a Site-wide assessment of the Largo Compressor Station. Areas 1 through 4: The New Mexico EMRND OCD approved the proposed work plan submitted on June 10, 2010 with conditions.
June/July 2010	Area 1: *Groundwater Sampling Report* (LTE, September 10, 2010)*:* During June of 2010, LTE advanced ten four inch boreholes utilizing hollow stem augers. The boreholes were advanced to the north and north-northwest of the containment berm. A slurry of 65% ORC solids and water was poured through the hollow stem augers at each borehole (approximately 30 pounds of ORC per borehole) to create a plug of ORC encompassing approximately five vertical feet, including the smear zone. A two foot thick bentonite seal was installed above the ORC slurry and the remainder of the borehole was backfilled with clean soil. Area 1: During July 2010, LTE collected groundwater samples from the on-Site groundwater monitoring wells and submitted them for TPH GRO/DRO and BTEX analyses. The groundwater samples collected from monitoring wells MW-3R, MW-7, MW-11, MW-12, MW-15, and MW-16 exhibited benzene and/or total xylene concentrations above the WQCC GQSs.
November 2010	Areas 1 through 4: During November 2010, SWG advanced 17 soil borings across the facility as part of the Site-wide environmental investigation. Four of these soil borings were completed as temporary sampling wells to allow the collection of a single groundwater sample prior to plugging and abandonment. The remaining 13 soil borings were completed as permanent two inch diameter monitoring wells.
February/March 2011	Area 1: *Corrective Action Work Plan* (SWG, February 18, 2011): Enterprise proposed an in-situ chemical oxidation (ISCO) pilot study at the condensate storage tank area. Areas 1 through 4: *Environmental Site Investigation* (SWG, March 24, 2011)*:* Enterprise submitted a report to the New Mexico EMNRD OCD documenting the facility-wide investigation findings and subsequent groundwater monitoring results. Analytical results from the investigation confirmed the presence of hydrocarbon-affected soil and groundwater in the vicinity of the retention pond (Area 3). Additionally, benzene was identified at

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	concentrations slightly above the WQCC GQSs in groundwater from monitoring well MW-39, located near the current compressors (Area 4). The groundwater sample collected from monitoring well MW-42, located at a hydraulically up-gradient boundary of the Site, exhibited a total dissolved solids (TDS) concentration of 75,400 milligrams per liter (mg/L).
May 2011	Area 1: Enterprise performed "pilot study" ISCO activities at the condensate storage tank release area. Approximately 3,500 gallons of injectate were introduced to the subsurface near monitoring well MW-12.
October 2011	Area 1: *Corrective Action Pilot Study Report* (SWG, October 10, 2012): Enterprise submitted a report to the New Mexico EMNRD OCD documenting the "pilot study" implementation. Field observations during ISCO activities indicated historically impacted soils remained near the condensate tanks.
March 2012	Areas 3 and 4: *SSI Work Plan* (SWG, January 12, 2012): Enterprise proposed additional field activities to further delineate dissolved-phase groundwater impact in Areas 3 and 4. Enterprise initiated the proposed investigative activities by installing six monitoring wells to further evaluate COCs at the Site.
June 2012	Areas 3 and 4: *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report* (SWG, June 31, 2012): Enterprise submitted a report to the New Mexico EMNRD OCD which documented the initial supplemental site investigation (SSI) activities for Areas 3 and 4. The report included results from the quarterly monitoring event that was performed following the installation of the six additional monitoring wells.
November 2012	Area 3: Enterprise resumed the supplemental Site investigation, focusing on additional soil and groundwater COC delineation in Area 3.
March 2013	Area 3: Enterprise submitted the *Supplemental Site Investigation Report – (November 2012 and January 2013)* (SWG, February 22, 2013) to the New Mexico EMNRD OCD documenting SSI activities for Area 3. The report documented the soil and groundwater sampling that was performed during the SSI activities and identified a potential second source of impact near the Retention Pond Area. Enterprise proposed remediation of soils in Areas 1 and 3 in the *Corrective Action Work Plan (Area 1 and Area 3 – Soils)* (SWG, March 11, 2013.)
May 2013	Areas 1 and 3: *Largo Compressor Station – Background Sampling* (SWG, June 18, 2013): Enterprise performed soil and groundwater sampling in the southeast portion of the Site to evaluate current background conditions. These activities were performed in advance of the proposed sourcing of backfill material from this area, and in advance of the proposed use of the area for soil treatment.
June through November 2013	Area 1: *Corrective Action Status Report (Area 1 – Soils)* (SWG, March 19, 2014): Enterprise submitted a letter report to the New Mexico EMNRD OCD documenting the construction of the treatment cell area and corrective action activities performed in Area 1.

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August through October 2014	Area 1: *Annual Groundwater Monitoring Report (April and October 2014 Sampling Events) and Supplemental Site Investigation Report* (Apex TITAN, Inc (Apex), April 13, 2015): Enterprise installed three additional groundwater monitoring wells downgradient of monitoring well MW-47 (which had been damaged by heavy equipment).
July 2016	Area 3: *Interim Corrective Action Report (Area 3) and Treated Soil Sampling (Area 1) Report* (Apex, July 14, 2016): Enterprise performed initial corrective action activities in Area 3 by removing hydrocarbon-affected soils in the vicinity of the retention pond. The previously treated soils from the former remediation of Area 1 were sampled and subsequently removed from the cells to make room in the upper treatment cells for the Area 3 soils.
May 2017	Area 1 and 3: *Soil Remediation Plan* (Apex, May 11, 2017): Enterprise submitted a Soil Remediation Plan to the New Mexico EMNRD OCD documenting proposed strategies to address the hydrocarbon soil impacts in Area 1 and Area 3.
June/July 2017	Area 3: Enterprise initiated a limited site investigation and soil vapor extraction (SVE) pilot testing in Area 3.
August 2017	Area 1 and 3: *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action* (Apex, August 14, 2017): Enterprise submitted a Plan Amendment to the New Mexico EMNRD OCD documenting the results of the SVE pilot testing that occurred at the Site and the proposed continued strategies for remediation of impacted soil and groundwater at the Site. The Area 3 soil remediation (by excavation) activities are initiated.
September 2017	Area 1 and 3: *Soil Vapor Extraction and Air Sparging Work Plan* (Apex, September 15, 2017, updated November 14, 2017): Enterprise proposed SVE and air sparge (AS) field activities for remediation of impacted soil and groundwater at the Site.
April 2018	Area 1: Enterprise installed seven SVE and six AS wells in Area 1.
July/September 2018	Area 3: Enterprise advanced 14 soil borings north of the Largo Compressor Station facility fence in Area 3 to further delineate and evaluate the extent of hydrocarbon impact in soil. Additional excavation in this area continued into 2019.
February 2019	Enterprise assigned management of the project to Ensolum, LLC (Ensolum).
March/May 2019	Area 1 and 3: *Stage 1 Abatement Plan* (Ensolum, March 21, 2019, Revised May 22, 2019): Enterprise submitted a Stage 1 Abatement Plan to the New Mexico EMNRD OCD documenting Enterprise's proposed strategies for remediation of impacted soil and groundwater at the Site.
December 2020	Ensolum received final solid waste documentation from the Envirotech landfarm near Hilltop, New Mexico for the 2017-2019 characterization and remediation activities.

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April 2021	Ensolum received final liquid waste documentation from Basin Disposal, Inc., (Basin Disposal) for the 2017-2019 remediation activities.
June 2021	Area 1 through 3: *2020 Interim Remediation and Groundwater Monitoring Report* (Ensolum, June 28, 2021): Enterprise submitted a report to the New Mexico EMNRD OCD that served as an update for the recently completed or ongoing remediation and monitoring activities at the Site.
December 2021	Area 3: Enterprise advanced nine soil borings of which eight were completed as groundwater monitoring wells. Additionally, one existing monitoring well was plugged and abandoned.

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ENSOLUM

APPENDIX C

Tables

ENSOLUM

TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
Monitoring Wells Installed by Lodestar								
P-3	4.04.08	NA	**780**	13	81	20	4.2	<1.0
	8.10.09	NA	**35**	<1.0	3.8	<2.0	NA	NA
	11.24.09	NA	1.4	<1.0	1.5	<2.0	NA	NA
	2.25.10	NA	3.6	10	2.0	24	NA	NA
MW-3R (P-3*)	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	**13**	<1.0	1.3	6.4	1.4	1
	8.26.10	NA	5.0	<1.0	<1.0	2.3	0.46	<1.0
	11.18.10	NA	3.9	<1.0	<1.0	<2.0	0.47	<1.0
	2.1.11	NA	2.0	<1.0	<1.0	<2.0	0.16	<1.0
	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	1.5	<1.0	<1.0	7.1	1.50	<1.0
	10.27.11	NA	1.1	<1.0	<1.0	<2.0	0.57	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	0.36	<1.0
	10.19.12	NA	<1.0	<1.0	1.2	2.8	0.48	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	2.8	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	1.5	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-6	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	8,420	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA

ENSOLUM

TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-7	8.10.09	NA	**15,000**	<100	380	310	NA	NA
	11.24.09	NA	**13,000**	<100	150	<200	NA	NA
	2.25.10	NA	**3,000**	<10	40	31	NA	NA
	4.05.10	NA	**940**	<10	<10	<20	4.2	1.3
	5.27.10	NA	**700**	<10	11	<20	NA	NA
	7.13.10	NA	**15,000**	<10	130	25	51	4.6
	8.26.10	NA	**5,300**	<20	35	<40	18	1.7
	11.18.10	NA	**3,700**	<20	62	<40	11	1.2
	2.1.11	NA	**1,800**	<1.0	10	4.6	2.2	<1.0
	4.19.11	NA	**250**	<1.0	2.9	2.4	0.75	<1.0
	5.19.11	NA	**1,400**	<5.0	15.0	<10	4.0	<1.0
	7.28.11	NA	**75**	<5.0	200	62.0	45	2.7
	10.28.11	NA	**1,300**	<10	140	<20	32	6.1
	1.31.12	NA	**9,000**	<10	110	<20	21	4.5
	4.19.12	NA	**790**	<10	15	<20	2.7	<1.0
	7.31.12	NA	**2,500**	<10	35	<20	6.4	<1.0
	10.19.12	NA	**8,200**	<10	130	36.0	32	2.5
	4.24.13	NA	**120**	<1.0	2.1	<2.0	0.60	<1.0
	10.25.13	NA	**45**	<1.0	<1.0	<2.0	0.19	<1.0
	4.22.14	NA	**43**	<1.0	<1.0	3.1	0.13	<1.0
	10.29.14	NA	2.3	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	**24**	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	**25**	<1.0	<1.0	3.6	NA	NA
	4.27.16	NA	7.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	**500**	<1.0	6.7	2.3	NA	NA
	5.18.17	NA	**27**	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	**1,300**	<1.0	17	<2.0	NA	NA
	5.08.18	NA	**35**	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	**5,800**	<1.0	63	<2.0	NA	NA
	6.14.19	NA	**17**	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-8	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA

ENSOLUM

TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-9	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
P-2	4.04.08	NA	**15,000**	**2,100**	380	**4,600**	120	6.8
	8.10.09	NA	**9,800**	110	170	**1,400**	NA	NA
	11.24.09	NA	**21,000**	360	460	**2,700**	NA	NA
	2.25.10	NA	**19,000**	380	380	**2,800**	NA	NA
MW-11 (P-2*)	4.05.10	NA	<1.0	<1.7	<1.0	3.3	0.22	<1.0
	5.27.10	NA	4.4	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	**700**	4.5	11	56	3.6	1.2
	8.26.10	NA	**86**	<1.0	1.3	4.9	0.4	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	0.14	<1.0
	2.4.11	NA	**21**	<1.0	<1.0	<1.0	0.075	<1.0
	4.19.11	NA	**96**	12	1.2	27	0.39	<1.0
	7.28.11	NA	**46**	<1.0	38	76	11	1.7
	10.28.11	NA	**1,600**	<10	31	37	4.6	2.2
	1.31.12	NA	**470**	<10	12	<20	1.3	<1.0
	4.19.12	NA	**84**	<1.0	3.2	<2.0	0.43	<1.0
	7.31.12	NA	**36**	<1.0	2.6	<2.0	0.24	<1.0
	10.19.12	NA	**1,100**	<1.0	11	41	5.3	<1.0
	4.24.13	NA	**40**	<1.0	1.5	<2.0	0.14	<1.0
	9.6.13	Monitoring well was removed during remediation						

ENSOLUM

TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
P-1	4.04.08	NA	**5,700**	**2,200**	310	**5,500**	53	<1.0
	8.10.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	11.24.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	2.25.10	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
MW-12 (P-1*)	4.05.10	NA	**1,300**	**1,600**	110	**2,200**	20	1.2
	5.27.10	NA	**3,300**	**1,800**	180	**3,200**	NA	NA
	7.13.10	NA	**2,900**	330	140	**1,700**	22	1.0
	8.26.10	NA	**1,200**	420	70	**1,300**	13	<1.0
	11.18.10	NA	**1,100**	69	61	**720**	6.3	<1.0
	2.4.11	NA	**5,900**	<50	470	**1,600**	24	<1.0
	4.19.11	NA	**4,200**	190	<100	330	14	<1.0
	5.19.11	NA	**1,000**	520	36	**660**	13	15
	7.28.11	NA	**12,000**	**2,300**	320	**3,200**	54	3.9
	10.28.11	NA	**4,900**	59	130	**3,300**	29	7.3
	1.31.12	NA	**4,400**	62	110	**1,500**	18	11
	4.19.12	NA	**4,300**	53	150	**930**	22	5.8
	7.31.12	NA	**4,600**	<50	160	**920**	17	3.3
	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.24.13	NA	**6,900**	150	96	**850**	23	5.8
	9.6.13	Monitoring well was removed during remediation						
P-5	4.04.08	NA	<1.0	<1.0	<1.0	<2.0	0.1	<1.0
	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	1.8	6.1	<1.0	11	NA	NA
MW-13 (P-5*)	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	2.3.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA

ENSOLUM

TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
P-4	4.04.08	NA	<1.0	<1.0	<1.0	<2.0	0.42	<1.0
	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	2.5	7.5	<1.0	14	NA	NA
MW-14 (P-4*)	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	2.1.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-15	4.05.10	NA	1.1	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	7.13.10	NA	**490**	2.2	7.2	15	3.2	<1.0
	8.26.10	NA	**20**	<1.0	<1.0	<2.0	0.095	<1.0
	11.18.10	NA	8.9	<1.0	<1.0	<2.0	0.19	<1.0
	2.1.11	NA	**16**	<1.0	<1.0	<2.0	0.06	<1.0
	4.18.11	NA	**13**	<1.0	<1.0	<2.0	0.14	<1.0
	7.28.11	NA	**1500**	<1.0	19	20	6.7	<1.0
	10.28.11	NA	**810**	<10	<10	<20	2.2	1.0
	1.30.12	NA	**150**	<10	<10	<20	0.51	<1.0
	4.18.12	NA	**23**	<1.0	1.4	<2.0	0.21	<1.0
	7.31.12	NA	**64**	<1.0	1.1	<2.0	0.22	<1.0
	10.19.12	NA	**400**	<1.0	7.2	7.8	2.0	<1.0
	4.24.13	NA	6.4	<1.0	<1.0	<2.0	0.094	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	**28**	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	1.3	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	2.2	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	9.9	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA

ENSOLUM

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Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-16	4.05.10	NA	3.8	1.5	1.4	11	0.36	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	**47**	<1.0	<1.0	<2.0	0.3	<1.0
	8.26.10	NA	**16**	<1.0	<1.0	<2.0	0.095	<1.0
	11.18.10	NA	3.4	<1.0	<1.0	<2.0	0.11	<1.0
	2.1.11	NA	**61**	<1.0	1.3	2.1	0.20	<1.0
	4.18.11	NA	**34**	<1.0	3.7	4.4	0.16	<1.0
	7.28.11	NA	**43**	<1.0	1.9	<2.0	0.29	<1.0
	10.27.11	NA	**21**	<1.0	<1.0	<2.0	0.19	<1.0
	1.30.12	NA	**10**	<1.0	<1.0	<2.0	0.096	<1.0
	4.18.12	NA	**20**	<1.0	1.0	<2.0	0.14	<1.0
	7.31.12	NA	**46**	<1.0	1.9	<2.0	0.23	<1.0
	10.19.12	NA	**100**	<1.0	3.9	<2.0	0.38	<1.0
	4.24.13	NA	**10**	<1.0	<1.0	<2.0	0.097	<1.0
	10.28.13	NA	**11**	<1.0	1.2	<2.0	0.052	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	1.6	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	3.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	6.5	<1.0	1.1	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	3.1	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	6.3	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
Monitoring Wells Installed by Apex TITAN (formerly Southwest Geoscience)								
TSW-31	11.23.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17[B]	NA	NS	NS	NS	NS	NS	NS
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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Largo Compressor Station
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Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-33	1.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.20.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	7.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.26.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	1.27.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.18.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	7.30.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.19.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.21.14	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.27.14	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.28.15	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.22.15	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.29.16	Monitoring well removed during October 2015 remediation						
MW-34	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-35	1.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.20.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	7.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.26.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	1.27.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.18.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	7.30.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.19.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.21.14	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.27.14	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.28.15	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.22.15	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.29.16	Monitoring well removed during October 2015 remediation						

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-36	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<1.0	2.1	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.17[B]	NA	NS	NS	NS	NS	NS	NS
	02.27.18	Monitoring well removed during October 2017 remediation						
MW-37	2.4.11	NA	**3,100**	**6,200**	700	**7,000**	38	3.9
	4.20.11	NA	**2,500**	**3,600**	500	**5,100**	34	4.2
	7.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.26.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	1.27.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.18.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	7.30.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.23.13	NA	**670**	260	230	**1,100**	13	4.1
	10.29.13	NA	**580**	170	150	610	10	7.7
	4.24.14	NA	**740**	49	120	450	7.2	4.9
	10.30.14	NA	**770**	<20	140	510	NA	NA
	5.7.15	NA	**1,500**	220	330	**1,300**	NA	NA
	10.23.15	NA	**1,000**	21	360	**2,000**	NA	NA
	5.2.16	NA	**820**	<10	180	510	NA	NA
	11.8.16	NA	**590**	<10	340	**1,600**	NA	NA
	5.24.17	NA	**1,100**	<10	480	**2,200**	NA	NA
	10.17.17	NA	**750**	<5.0	280	**1,100**	NA	NA
	3.08.18	Monitoring well removed during October 2017 remediation						
MW-38	1.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	3,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-39	1.26.11	NA	**1,200**	730	37	570	11	<1.0
	4.19.11	NA	**120**	<1.0	1.6	5.9	0.33	<1.0
	7.29.11	NA	**27**	14	1.9	18	0.80	<1.0
	10.27.11	NA	**260**	<1.0	1.2	3.5	0.44	<1.0
	1.27.12	NA	**580**	48	4.3	79	1.8	<1.0
	4.18.12	NA	**1,500**	620	36	**860**	12	112
	7.30.12	NA	**170**	<2.0	<2.0	8.6	0.58	<1.0
	10.17.12	NA	**13**	<2.0	<2.0	<4.0	<0.10	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	**18**	<1.0	<1.0	<2.0	0.11	<1.0
	4.23.14	NA	9.6	<1.0	<1.0	<2.0	0.056	<1.0
	10.29.14	NA	5.5	<1.0	<1.0	<2.0	NA	NA
	5.7.15	NA	**25**	<1.0	<1.0	3.1	NA	NA
	10.29.15	NA	**13**	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	9.8	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	4.1	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	1.9	<1.0	<1.0	<1.5	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.11.18	NA	1.2	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	1.2	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-40 **	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	7.28.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.26.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
	1.27.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
MW-40R	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	7,930	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-41	1.31.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	4.18.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	7.29.11	NA	<5.0	<5.0	<5.0	<10	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	30,200	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	3.8	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-42	2.4.11	NA	<5.0	<5.0	<5.0	<10	<0.25	NA
	3.3.11	75,400	NA	NA	NA	NA	NA	NA
	4.19.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	7.28.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.16.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
	4.23.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.23.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
	4.21.14	NA	Insufficient water to collect sample.					
	10.29.14	NA						
	4.28.15	NA						
	10.22.15	NA						
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	Insufficient water to collect sample.					
	5.17.17	NA	<5.0	<5.0	<5.0	<10	NA	NA
	10.17.17	NA	Insufficient water to collect sample.					
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.04.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	Insufficient water to collect sample.					
	12.17.19[C]	NA	Obstructed					
	4.28.20[C]	NA						
	10.27.20[C]	NA						
	4.08.21[C]	NA						
	11.15.21[C]	NA						

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-43	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	0.06	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	7,630	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	10.24.13	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
TSW-44	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
TSW-45	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
TSW-46	11.23.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-47	1.28.11	NA	<5.0	<5.0	<5.0	<10	1.3	2.5
	4.18.11	NA	<5.0	<5.0	<5.0	<10	2.0	1.2
	7.28.11	NA	<5.0	<5.0	<5.0	27.0	6.6	1.1
	10.28.11	NA	<5.0	<5.0	<5.0	<10	1.4	2.7
	1.30.12	NA	<5.0	<5.0	<5.0	<10	2.6	2.5
	4.18.12	NA	**11**	<5.0	16	38	5.5	2.9
	7.31.12	NA	<10	<10	<10	<20	4.5	2.9
	10.18.12	NA	<5.0	<5.0	<5.0	91	12	1.8
	4.24.13	NA	<5.0	<5.0	5.0	<10	6.4	2.3
	10.24.13	NA	**190**	<5.0	8.9	<10	9.1	4.7
	4.28.14	NA	**700**	<5.0	27	<10	8.5	4.0
	10.29.14	NA	**750**	<10	29	<20	NA	NA
	5.7.15	NA	**420**	<10	25	<20	NA	NA
	10.29.15	NA	**92**	<1.0	21	2.8	NA	NA
	4.28.16	Monitoring Well Destroyed						
MW-48	4.18.12	NA	**290**	**3,200**	360	**5,000**	25	1.3
	7.30.12	NA	**120**	**1,100**	160	**2,900**	15	<1.0
	10.17.12	NA	**190**	580	150	**1,700**	8.5	<1.0
	4.23.13	NA	**140**	<5.0	170	310	2.9	<1.0
	10.29.13	NA	**67**	<5.0	51	83	0.87	<1.0
	4.28.14	NA	9.2	<1.0	7.8	15	0.25	<1.0
	10.30.14	NA	**48**	<1.0	40	60	NA	NA
	5.7.15	NA	3.1	<1.0	3.8	5.6	NA	NA
	10.27.15	NA	**51**	<1.0	33	53	NA	NA
	4.28.16	NA	2.0	<1.0	1.9	2.9	NA	NA
	10.17.16	NA	**26**	<1.0	17	26	NA	NA
	5.23.17	NA	3.1	<1.0	1.7	1.6	NA	NA
	10.17.17	NA	**28**	<1.0	17	21	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	**11**	<1.0	7	10	NA	NA
	6.20.19	NA	6.1	<1.0	3.8	4.6	NA	NA
	12.23.19	NA	**14**	<1.0	3.5	19	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	**24**	<1.0	6.8	<1.5	NA	NA
	4.12.21	NA	1.4	<1.0	1.8	<2.0	NA	NA
	11.16.21	NA	**22**	<1.0	5.8	<2.0	NA	NA

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-49	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.20.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20[D]	NS	NS	NS	NS	NS	NS	NS
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-50	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-51	4.18.12	NA	**1,200**	**3,600**	150	**1,400**	19	<1.0
	7.30.12	NA	**51**	5.5	17	78	1.3	<1.0
	10.16.12	NA	**14**	<1.0	4.8	21	0.16	<1.0
	4.23.13	NA	3.0	<1.0	1.5	<2.0	0.078	<1.0
	10.23.13	NA	8.2	<1.0	<1.0	<2.0	0.066	<1.0
	4.23.14	NA	1.1	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	5.3	<1.0	<1.0	<2.0	NA	NA
	5.7.15	NA	2.3	<1.0	<1.0	<2.0	NA	NA
	10.29.15	NA	4.9	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	1.7	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	4.9	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	1.3	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-52	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	27,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	**30**	<1.0	<1.0	<2.0	0.11	<1.0
	10.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.14.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-53	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	05.03.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.20.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-54	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	05.03.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.28.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.20.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-55	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	05.03.13	NA	<1.0	<1.0	13	**710**	1.3	<1.0
	10.29.13	NA	<1.0	<1.0	1.4	<2.0	<0.050	<1.0
	4.28.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	5.17.17	NA	NS	NS	NS	NS	NS	NS
	10.17.17	NA	NS	NS	NS	NS	NS	NS
	5.10.18	NA	<10	<10	<10	<15	NA	NA
	10.08.18[E]	Obstructed						
MW-75	01.29.13	NA	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.04.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.14.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-76	6.3.13	14,200	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-77	6.3.13	17,900	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.11.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-79	6.3.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.11.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.14.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-80	6.3.13	13,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.11.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-83	6.3.13	14,500	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-88	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.08.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.15.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA

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TABLE 1
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-89	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.08.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.15.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
MW-90	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20[D]	NS	NS	NS	NS	NS	NS	NS
	4.08.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.15.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA

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

µg/L = micrograms per liter

mg/L = milligrams per liter

NA = Not Analyzed

NE = Not Established

NS = Not Sampled

NAPL = Non-aqueous phase liquid

* = Piezometer was replaced with associated monitoring well

** = Monitoring well MW-40 was replaced by MW-40R

[A] = NMAC 20.6.2 was amended (12/21/18). The New Mexico EMNRD OCD has not responded to Enterprise's inquiries regarding which closure standards will apply to sites that predate the 2018 rule change. Therefore, this table reflects the groundwater quality standards that were applicable at the time of initial remediation.

[B] = Monitoring well inaccessible due to 2017 excavation activities

[C] = Monitoring well MW-42 was not sampled due to an obstruction in the well casing.

[D] = Monitoring well was dry therefore no sample was collected.

[E] = Monitoring well MW-55 has not been sampled since May 2018 due to obstruction of the well casing.

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TABLE 2
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-3R	4.5.10	6117.48	None Observed	21.83	0.0	NA	NA	6095.65
	5.27.10		None Observed	21.82	0.0			6095.66
	6.25.10		None Observed	22.22	0.0			6095.26
	7.13.10		None Observed	22.47	0.0			6095.01
	8.26.10		None Observed	22.24	0.0			6095.24
	11.18.10		None Observed	22.32	0.0			6095.16
	1.25.11		None Observed	22.13	0.0			6095.35
	4.22.11		None Observed	21.99	0.0			6095.49
	7.27.11		None Observed	22.81	0.0			6094.67
	10.26.11		None Observed	22.91	0.0			6094.57
	1.26.12		None Observed	22.74	0.0			6094.74
	4.19.12		None Observed	22.61	0.0			6094.87
	7.31.12		None Observed	22.66	0.0			6094.82
	10.18.12		None Observed	23.04	0.0			6094.44
	4.24.13		None Observed	22.50	0.0			6094.98
	10.23.13		None Observed	21.12	0.0			6096.36
	4.21.14		None Observed	21.97	0.0			6095.51
	10.27.14		None Observed	22.20	0.0			6095.28
	4.28.15		None Observed	21.83	0.0			6095.65
	10.20.15		None Observed	21.96	0.0			6095.52
	4.08.16		None Observed	21.60	0.0			6095.88
	10.07.16		None Observed	22.44	0.0			6095.04
	5.17.17		None Observed	21.70	0.0			6095.78
	10.10.17		None Observed	22.32	0.0			6095.16
	5.04.18		None Observed	22.15	0.0			6095.33
	10.04.18		None Observed	22.89	0.0			6094.59
	5.30.19		None Observed	22.11	0.0			6095.37
	12.13.19		None Observed	21.68	0.0			6095.80
	4.28.20		None Observed	22.85	0.0			6094.63
	10.26.20		None Observed	23.96	0.0			6093.52
	4.8.21		None Observed	23.55	0.0			6093.93
	11.15.21		None Observed	23.38	0.0			6094.10
MW-6	8.10.09	6115.47	None Observed	20.28	0.0	NA	NA	6095.19
	11.24.09		None Observed	20.17	0.0			6095.30
	2.25.10		None Observed	19.54	0.0			6095.93
	4.5.10		None Observed	19.11	0.0			6096.36
	5.27.10		None Observed	19.28	0.0			6096.19
	6.25.10		None Observed	19.87	0.0			6095.60
	7.13.10		None Observed	20.09	0.0			6095.38
	8.26.10		None Observed	19.68	0.0			6095.79
	11.18.10		None Observed	19.72	0.0			6095.75
	1.25.11		None Observed	19.51	0.0			6095.96
	4.22.11		None Observed	19.42	0.0			6096.05
	7.27.11		None Observed	20.40	0.0			6095.07
	10.26.11		None Observed	20.43	0.0			6095.04
	1.26.12		None Observed	20.15	0.0			6095.32
	4.19.12		Not Gauged					Not Gauged
	7.31.12		None Observed	19.93	0.0			6095.54
	10.18.12		None Observed	20.47	0.0			6095.00
	4.24.13		None Observed	19.89	0.0			6095.58
	10.23.13		None Observed	19.42	0.0			6096.05
	4.21.14		None Observed	19.34	0.0			6096.13
	10.27.14		None Observed	19.50	0.0			6095.97
	4.28.15		None Observed	19.12	0.0			6096.35
	10.20.15		None Observed	19.32	0.0			6096.15
	4.08.16		None Observed	19.02	0.0			6096.45
	10.07.16		None Observed	19.89	0.0			6095.58
	5.17.17		None Observed	19.06	0.0			6096.41
	10.10.17		None Observed	19.64	0.0			6095.83
	5.04.18		None Observed	19.65	0.0			6095.82
	10.04.18		None Observed	20.28	0.0			6095.19
	5.30.19		None Observed	19.50	0.0			6095.97
	12.13.19[A]		Errant Gauge					Errant Gauge
	4.28.20		None Observed	20.19	0.0			6095.28
	10.26.20		None Observed	21.46	0.0			6094.01
	4.8.21		None Observed	20.69	0.0			6094.78
	11.15.21		None Observed	20.71	0.0			6094.76

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TABLE 2
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-7	8.10.09	6116.65	None Observed	21.52	0.0	NA	NA	6095.13
	11.24.09		None Observed	21.73	0.0			6094.92
	2.25.10		None Observed	21.42	0.0			6095.23
	4.5.10		None Observed	20.96	0.0			6095.69
	5.27.10		None Observed	20.96	0.0			6095.69
	6.25.10		None Observed	21.32	0.0			6095.33
	7.13.10		None Observed	21.46	0.0			6095.19
	8.26.10		None Observed	21.36	0.0			6095.29
	11.18.10		None Observed	21.42	0.0			6095.23
	1.25.11		None Observed	21.24	0.0			6095.41
	4.22.11		None Observed	21.22	0.0			6095.43
	7.27.11		None Observed	21.80	0.0			6094.85
	10.26.11		None Observed	21.94	0.0			6094.71
	1.26.12		None Observed	21.82	0.0			6094.83
	4.19.12		None Observed	21.70	0.0			6094.95
	7.31.12		None Observed	21.88	0.0			6094.77
	10.18.12		None Observed	22.12	0.0			6094.53
	4.24.13		None Observed	21.65	0.0			6095.00
	10.23.13		None Observed	21.43	0.0			6095.22
	4.21.14		None Observed	21.20	0.0			6095.45
	10.27.14		None Observed	21.39	0.0			6095.26
	4.28.15		None Observed	20.99	0.0			6095.66
	10.20.15		None Observed	21.13	0.0			6095.52
	4.08.16		None Observed	20.79	0.0			6095.86
	10.07.16		None Observed	21.58	0.0			6095.07
	5.17.17		None Observed	20.82	0.0			6095.83
	10.10.17		None Observed	21.47	0.0			6095.18
	5.04.18		None Observed	21.35	0.0			6095.30
	10.04.18		None Observed	22.05	0.0			6094.60
	5.30.19		None Observed	21.25	0.0			6095.40
	12.13.19[A]		Errant Gauge					Errant Gauge
	4.28.20		None Observed	22.03	0.0			6094.62
	10.26.20		None Observed	19.82	0.0			6096.83
	4.8.21[A]		None Observed	23.28	0.0			6093.37
	11.15.21		None Observed	22.58	0.0			6094.07
MW-8	8.10.09	6118.28	None Observed	23.17	0.0	NA	NA	6095.11
	11.24.09		None Observed	23.43	0.0			6094.85
	2.25.10		None Observed	23.25	0.0			6095.03
	4.5.10		None Observed	22.97	0.0			6095.31
	5.27.10		None Observed	22.85	0.0			6095.43
	6.25.10		None Observed	23.01	0.0			6095.27
	7.13.10		None Observed	23.21	0.0			6095.07
	8.26.10		None Observed	23.23	0.0			6095.05
	11.18.10		None Observed	23.30	0.0			6094.98
	1.25.11		None Observed	23.10	0.0			6095.18
	4.22.11		None Observed	22.94	0.0			6095.34
	7.27.11		None Observed	23.56	0.0			6094.72
	10.26.11		None Observed	23.75	0.0			6094.53
	1.26.12		None Observed	23.64	0.0			6094.64
	4.19.12		None Observed	23.54	0.0			6094.74
	7.31.12		None Observed	23.19	0.0			6095.09
	10.18.12		None Observed	23.96	0.0			6094.32
	4.24.13		None Observed	23.54	0.0			6094.74
	10.23.13		None Observed	23.38	0.0			6094.90
	4.21.14		None Observed	22.91	0.0			6095.37
	10.27.14		None Observed	23.33	0.0			6094.95
	4.28.15		None Observed	22.86	0.0			6095.42
	10.20.15		None Observed	23.10	0.0			6095.18
	4.08.16		None Observed	22.65	0.0			6095.63
	10.07.16		None Observed	23.36	0.0			6094.92
	5.17.17		None Observed	22.73	0.0			6095.55
	10.10.17		None Observed	23.46	0.0			6094.82
	5.04.18		None Observed	23.12	0.0			6095.16
	10.04.18		None Observed	23.90	0.0			6094.38
	5.30.19		None Observed	23.20	0.0			6095.08
	12.13.19		None Observed	23.64	0.0			6094.64
	4.28.20		None Observed	23.89	0.0			6094.39
	10.26.20		None Observed	24.85	0.0			6093.43
	4.8.21		None Observed	24.53	0.0			6093.75
	11.15.21		None Observed	24.44	0.0			6093.84

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TABLE 2
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-9	8.10.09	6117.83	None Observed	21.95	0.0	NA	NA	6095.88
	11.24.09		None Observed	21.98	0.0			6095.85
	2.25.10		None Observed	21.51	0.0			6096.32
	4.5.10		None Observed	21.00	0.0			6096.83
	5.27.10		None Observed	21.10	0.0			6096.73
	6.25.10		None Observed	21.56	0.0			6096.27
	7.13.10		None Observed	21.77	0.0			6096.06
	8.26.10		None Observed	21.58	0.0			6096.25
	11.18.10		None Observed	21.61	0.0			6096.22
	1.25.11		None Observed	21.43	0.0			6096.40
	4.22.11		None Observed	21.30	0.0			6096.53
	7.27.11		None Observed	22.15	0.0			6095.68
	10.26.11		None Observed	22.25	0.0			6095.58
	1.26.12		None Observed	22.04	0.0			6095.79
	4.19.12		None Observed	21.88	0.0			6095.95
	7.31.12		None Observed	21.98	0.0			6095.85
	10.18.12		None Observed	22.37	0.0			6095.46
	4.24.13		None Observed	21.79	0.0			6096.04
	10.23.13		None Observed	21.39	0.0			6096.44
	4.21.14		None Observed	21.20	0.0			6096.63
	10.27.14		None Observed	21.48	0.0			6096.35
	4.28.15		None Observed	21.06	0.0			6096.77
	10.20.15		None Observed	21.27	0.0			6096.56
	4.08.16		None Observed	20.85	0.0			6096.98
	10.07.16		None Observed	21.79	0.0			6096.04
	5.17.17		None Observed	22.90	0.0			6094.93
	10.10.17		None Observed	21.73	0.0			6096.10
	5.04.18		None Observed	21.53	0.0			6096.30
	10.04.18		None Observed	22.26	0.0			6095.57
	5.30.19		None Observed	21.41	0.0			6096.42
	12.13.19		None Observed	22.05	0.0			6095.78
	4.28.20		None Observed	22.14	0.0			6095.69
	10.26.20		None Observed	23.23	0.0			6094.60
	4.8.21		None Observed	22.85	0.0			6094.98
	11.15.21		None Observed	22.74	0.0			6095.09
MW-11	4.5.10	6116.65	None Observed	20.57	0.0	NA	NA	6096.08
	5.27.10		None Observed	20.75	0.0			6095.90
	6.25.10		None Observed	21.33	0.0			6095.32
	7.13.10		None Observed	21.54	0.0			6095.11
	8.26.10		None Observed	21.17	0.0			6095.48
	11.18.10		None Observed	21.16	0.0			6095.49
	1.25.11		None Observed	21.02	0.0			6095.63
	4.22.11		None Observed	20.91	0.0			6095.74
	7.27.11		None Observed	21.89	0.0			6094.76
	10.26.11		None Observed	21.94	0.0			6094.71
	1.26.12		None Observed	21.64	0.0			6095.01
	4.19.12		None Observed	21.49	0.0			6095.16
	7.31.12		None Observed	21.49	0.0			6095.16
	10.18.12		None Observed	21.98	0.0			6094.67
	4.24.13		None Observed	21.40	0.0			6095.25
	9.6.13		Monitoring well was removed during September 2013 remediation.					
MW-12	4.5.10	6111.24	None Observed	14.88	0.0	NA	NA	6096.36
	5.27.10		None Observed	15.11	0.0			6096.13
	6.25.10		None Observed	15.67	0.0			6095.57
	7.13.10		None Observed	15.91	0.0			6095.33
	8.26.10		None Observed	15.55	0.0			6095.69
	11.18.10		None Observed	16.58	0.0			6094.66
	1.25.11		None Observed	15.73	0.0			6095.51
	4.22.11		None Observed	15.30	0.0			6095.94
	7.27.11		None Observed	16.10	0.0			6095.14
	10.26.11		None Observed	16.21	0.0			6095.03
	1.26.12		None Observed	15.99	0.0			6095.25
	4.19.12		None Observed	15.83	0.0			6095.41
	7.31.12		None Observed	15.83	0.0			6095.41
	10.18.12		16.30	16.31	0.01			6094.94
	4.24.13		None Observed	15.68	0.00			6095.56
	9.6.13		Monitoring well was removed during September 2013 remediation.					

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Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-13	4.5.10	6115.46	None Observed	19.26	0.0	NA	NA	6096.20
	5.27.10		None Observed	19.47	0.0			6095.99
	6.25.10		None Observed	20.07	0.0			6095.39
	7.13.10		None Observed	20.28	0.0			6095.18
	8.26.10		None Observed	19.86	0.0			6095.60
	11.18.10		None Observed	19.91	0.0			6095.55
	1.25.11		None Observed	19.71	0.0			6095.75
	4.22.11		None Observed	19.65	0.0			6095.81
	7.27.11		None Observed	20.59	0.0			6094.87
	10.26.11		None Observed	20.62	0.0			6094.84
	1.26.12		None Observed	20.34	0.0			6095.12
	4.19.12		None Observed	20.19	0.0			6095.27
	7.31.12		None Observed	20.15	0.0			6095.31
	10.18.12		None Observed	20.67	0.0			6094.79
	4.24.13		None Observed	20.10	0.0			6095.36
	10.23.13		None Observed	19.64	0.0			6095.82
	4.21.14		None Observed	19.63	0.0			6095.83
	10.27.14		None Observed	19.77	0.0			6095.69
	4.28.15		None Observed	19.37	0.0			6096.09
	10.20.15		None Observed	19.54	0.0			6095.92
	4.08.16		None Observed	19.24	0.0			6096.22
	10.07.16		None Observed	20.13	0.0			6095.33
	5.17.17		None Observed	19.30	0.0			6096.16
	10.10.17		None Observed	19.86	0.0			6095.60
	5.04.18		None Observed	19.88	0.0			6095.58
	10.04.18		None Observed	20.52	0.0			6094.94
	5.30.19		None Observed	19.73	0.0			6095.73
	12.13.19		None Observed	19.42	0.0			6096.04
	4.28.20		None Observed	20.45	0.0			6095.01
	10.26.20		None Observed	21.66	0.0			6093.80
	4.8.21		None Observed	21.24	0.0			6094.22
	11.15.21		None Observed	20.80	0.0			6094.66
MW-14	4.5.10	6115.99	None Observed	20.09	0.0	NA	NA	6095.90
	5.27.10		None Observed	20.28	0.0			6095.71
	6.25.10		None Observed	20.94	0.0			6095.05
	7.13.10		None Observed	21.19	0.0			6094.80
	8.26.10		None Observed	20.70	0.0			6095.29
	11.18.10		None Observed	20.73	0.0			6095.26
	1.25.11		None Observed	20.52	0.0			6095.47
	4.22.11		None Observed	20.45	0.0			6095.54
	7.27.11		None Observed	21.47	0.0			6094.52
	10.26.11		None Observed	21.48	0.0			6094.51
	1.26.12		None Observed	21.15	0.0			6094.84
	4.19.12		None Observed	21.00	0.0			6094.99
	7.31.12		None Observed	21.00	0.0			6094.99
	10.18.12		None Observed	21.50	0.0			6094.49
	4.24.13		None Observed	20.91	0.0			6095.08
	10.23.13		None Observed	20.43	0.0			6095.56
	4.21.14		None Observed	21.38	0.0			6094.61
	10.27.14		None Observed	20.58	0.0			6095.41
	4.28.15		None Observed	20.16	0.0			6095.83
	10.20.15		None Observed	20.36	0.0			6095.63
	4.08.16		None Observed	20.05	0.0			6095.94
	10.07.16		None Observed	20.86	0.0			6095.13
	5.17.17		None Observed	20.10	0.0			6095.89
	10.10.17		None Observed	20.70	0.0			6095.29
	5.04.18**		Errant Gauge					Errant Gauge
	10.04.18		None Observed	21.38	0.0			6094.61
	5.30.19		None Observed	20.56	0.0			6095.43
	12.13.19		None Observed	19.92	0.0			6096.07
	4.28.20		None Observed	21.28	0.0			6094.71
	10.26.20		None Observed	22.50	0.0			6093.49
	4.8.21		None Observed	22.21	0.0			6093.78
	11.15.21		None Observed	21.87	0.0			6094.12

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-15	4.5.10	6116.49	None Observed	20.66	0.0	NA	NA	6095.83
	5.27.10		None Observed	20.82	0.0			6095.67
	6.25.10		None Observed	21.43	0.0			6095.06
	7.13.10		None Observed	21.64	0.0			6094.85
	8.26.10		None Observed	21.25	0.0			6095.24
	11.18.10		None Observed	21.36	0.0			6095.13
	1.25.11		None Observed	21.07	0.0			6095.42
	4.22.11		None Observed	20.95	0.0			6095.54
	7.27.11		None Observed	21.95	0.0			6094.54
	10.26.11		None Observed	21.98	0.0			6094.51
	1.26.12		None Observed	21.70	0.0			6094.79
	4.19.12		None Observed	21.56	0.0			6094.93
	7.31.12		Errant Gauge					Errant Gauge
	10.18.12		None Observed	22.05	0.0			6094.44
	4.24.13		None Observed	21.50	0.0			6094.99
	4.21.14		None Observed	20.92	0.0			6095.57
	10.27.14		None Observed	21.17	0.0			6095.32
	4.28.15		None Observed	20.74	0.0			6095.75
	10.20.15		None Observed	20.90	0.0			6095.59
	4.08.16		None Observed	20.58	0.0			6095.91
	10.07.16		None Observed	21.48	0.0			6095.01
	5.17.17		None Observed	20.65	0.0			6095.84
	10.10.17		None Observed	21.25	0.0			6095.24
	5.04.18		None Observed	21.21	0.0			6095.28
	10.04.18		None Observed	21.94	0.0			6094.55
	5.30.19		None Observed	21.09	0.0			6095.40
	12.13.19		None Observed	20.30	0.0			6096.19
	4.28.20		None Observed	21.85	0.0			6094.64
	10.26.20		None Observed	23.11	0.0			6093.38
	4.8.21		None Observed	22.74	0.0			6093.75
	11.15.21		None Observed	22.48	0.0			6094.01
MW-16	4.5.10	6117.57	None Observed	21.51	0.0	NA	NA	6096.06
	5.27.10		None Observed	51.59	0.0			6065.98
	6.25.10		None Observed	22.10	0.0			6095.47
	7.13.10		None Observed	22.29	0.0			6095.28
	8.26.10		None Observed	22.05	0.0			6095.52
	11.18.10		None Observed	22.11	0.0			6095.46
	1.25.11		None Observed	21.87	0.0			6095.70
	4.22.11		None Observed	21.76	0.0			6095.81
	7.27.11		None Observed	22.66	0.0			6094.91
	10.26.11		None Observed	22.71	0.0			6094.86
	1.26.12		None Observed	22.50	0.0			6095.07
	4.19.12		None Observed	22.38	0.0			6095.19
	7.31.12**		Errant Gauge					Errant Gauge
	10.18.12		None Observed	22.82	0.0			6094.75
	4.24.13		None Observed	22.28	0.0			6095.29
	10.23.13		None Observed	21.81	0.0			6095.76
	4.21.14		None Observed	21.67	0.0			6095.90
	10.27.14		None Observed	21.94	0.0			6095.63
	4.28.15		None Observed	21.53	0.0			6096.04
	10.20.15		None Observed	21.70	0.0			6095.87
	4.08.16		None Observed	21.33	0.0			6096.24
	10.07.16		None Observed	22.22	0.0			6095.35
	5.17.17		None Observed	21.42	0.0			6096.15
	10.10.17		None Observed	22.07	0.0			6095.50
	5.04.18		None Observed	21.95	0.0			6095.62
	10.04.18		None Observed	22.68	0.0			6094.89
	5.30.19		None Observed	21.86	0.0			6095.71
	12.13.19		None Observed	21.38	0.0			6096.19
	4.28.20		None Observed	22.64	0.0			6094.93
	10.26.20		None Observed	23.70	0.0			6093.87
	4.8.21		None Observed	23.34	0.0			6094.23
	11.15.21		None Observed	23.13	0.0			6094.44

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Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-32	1.25.11	6110.22	None Observed	12.67	0.0	20	10-20	6097.55
	4.22.11		None Observed	12.49	0.0			6097.73
	7.27.11		None Observed	13.47	0.0			6096.75
	10.26.11		None Observed	13.56	0.0			6096.66
	1.26.12		None Observed	13.23	0.0			6096.99
	4.18.12		None Observed	13.05	0.0			6097.17
	7.30.12		None Observed	14.10	0.0			6096.12
	10.18.12		None Observed	13.59	0.0			6096.63
	4.23.13		None Observed	13.00	0.0			6097.22
	10.23.13		None Observed	12.64	0.0			6097.58
	4.21.14		None Observed	12.47	0.0			6097.75
	10.27.14		None Observed	12.79	0.0			6097.43
	4.28.15		None Observed	12.19	0.0			6098.03
	10.20.15		None Observed	12.54	0.0			6097.68
	4.08.16		None Observed	12.15	0.0			6098.07
	10.07.16		None Observed	12.10	0.0			6098.12
	5.17.17		None Observed	12.18	0.0			6098.04
	10.10.17[B]		Not Gauged					Not Gauged
	5.04.18		None Observed	12.86	0.0			6097.36
	10.04.18		None Observed	13.53	0.0			6096.69
	5.30.19		None Observed	12.63	0.0			6097.59
	12.13.19		None Observed	13.42	0.0			6096.80
	4.28.20		None Observed	13.31	0.0			6096.91
	10.26.20		None Observed	14.52	0.0			6095.70
	4.8.21		None Observed	14.00	0.0			6096.22
	11.15.21		None Observed	14.00	0.0			6096.22
MW-33	1.25.11*	6114.02	16.08	16.44	0.36	23.39	13.39-23.39	6097.83
	4.22.11		16.59	16.60	0.01			6097.43
	7.27.11		16.07	16.72	0.65			6097.75
	10.26.11		15.55	16.15	0.60			6098.28
	1.26.12		15.83	15.84	0.01			6098.19
	4.18.12		Not Gauged					Not Gauged
	8.31.12		15.4	17.29	1.89			6098.03
	10.18.12		14.39	17.51	3.12			6098.66
	4.23.13		12.31	12.35	0.04			6101.70
	10.23.13		10.92	14.08	3.16			6102.12
	4.21.14		10.47	10.50	0.03			6103.54
	10.27.14		11.82	12.47	0.65			6102.00
	4.28.15		10.44	11.19	0.75			6103.35
	10.20.15		10.45	11.31	0.86			6103.30
	4.8.16		Monitoring well was removed during October 2015 excavation.					
MW-34	1.25.11	6115.3	None Observed	17.38	0.0	23.59	18.59-23.59	6097.92
	4.22.11		None Observed	17.20	0.0			6098.10
	7.27.11		None Observed	18.23	0.0			6097.07
	10.26.11		None Observed	18.32	0.0			6096.98
	1.26.12		None Observed	17.98	0.0			6097.32
	4.18.12		None Observed	17.78	0.0			6097.52
	7.30.12		None Observed	17.80	0.0			6097.50
	10.18.12		None Observed	18.32	0.0			6096.98
	4.23.13		None Observed	17.70	0.0			6097.60
	10.23.13		None Observed	16.32	0.0			6098.98
	4.21.14		None Observed	17.12	0.0			6098.18
	10.27.14		None Observed	17.33	0.0			6097.97
	4.28.15		None Observed	16.88	0.0			6098.42
	10.20.15		None Observed	16.88	0.0			6098.42
	4.08.16		None Observed	16.81	0.0			6098.49
	10.07.16		None Observed	17.78	0.0			6097.52
	5.17.17		None Observed	16.83	0.0			6098.47
	10.10.17		None Observed	17.60	0.0			6097.70
	5.04.18		None Observed	17.52	0.0			6097.78
	10.04.18		None Observed	18.16	0.0			6097.14
	5.30.19		None Observed	17.29	0.0			6098.01
	12.13.19		None Observed	18.19	0.0			6097.11
	4.28.20		None Observed	17.96	0.0			6097.34
	10.26.20		None Observed	19.21	0.0			6096.09
	4.8.21		None Observed	18.67	0.0			6096.63
	11.15.21		None Observed	18.69	0.0			6096.61

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-35	1.25.11*	6112.22	14.5	14.75	0.3	22.75	12.75-22.75	6097.64
	4.22.11		14.22	14.80	0.58			6097.82
	7.27.11		15.11	16.36	1.25			6096.72
	10.26.11		15.14	16.64	1.50			6096.62
	1.26.12		14.72	14.73	0.01			6097.50
	4.18.12		Not Gauged					Not Gauged
	8.31.12		14.43	17.49	3.06			6096.84
	10.18.12		14.65	17.84	3.19			6096.58
	4.23.13		10.98	13.05	2.07			6100.60
	10.23.13		9.26	12.58	3.72			6102.21
	4.21.14		10.84	11.35	0.51			6101.22
	10.27.14		10.42	10.98	0.56			6101.63
	4.28.15		9.95	10.46	0.51			6102.11
	10.20.15		10.64	11.27	0.63			6101.38
	4.8.16		Monitoring well was removed during October 2015 exavation.					
MW-36	1.25.11	6111.48	None Observed	13.80	0.0	23.71	12.71-22.71	6097.68
	4.22.11		None Observed	13.65	0.0			6097.83
	7.27.11		None Observed	14.69	0.0			6096.79
	10.26.11		None Observed	14.45	0.0			6097.03
	1.26.12		None Observed	14.41	0.0			6097.07
	4.18.12		None Observed	14.18	0.0			6097.30
	7.30.12		None Observed	14.10	0.0			6097.38
	10.18.12		None Observed	14.76	0.0			6096.72
	4.23.13		None Observed	14.11	0.0			6097.37
	10.23.13		None Observed	13.75	0.0			6097.73
	4.21.14		None Observed	13.58	0.0			6097.90
	10.27.14		None Observed	13.77	0.0			6097.71
	4.28.15		None Observed	13.39	0.0			6098.09
	10.20.15		None Observed	13.65	0.0			6097.83
	4.08.16		None Observed	13.27	0.0			6098.21
	10.07.16		None Observed	14.23	0.0			6097.25
	5.17.17		None Observed	13.30	0.0			6098.18
	10.10.17[B]		Not Gauged					Not Gauged
	5.04.18		Monitoring well was removed during October 2017 excavation.					
MW-37	1.25.11	6110.73	Sheen	12.91	Sheen	23.59	11.59-21.59	6097.82
	4.22.11		None Observed	12.78	0.0			6097.95
	7.27.11		13.81	13.84	0.03			6096.91
	10.26.11		13.88	13.92	0.04			6096.84
	1.26.12		13.54	13.54	0.01			6097.20
	4.18.12		Not Gauged					Not Gauged
	7.30.12		Sheen	13.15	Sheen			6097.58
	10.18.12		13.89	13.90	0.01			6096.84
	4.23.13		None Observed	13.23	0.0			6097.50
	10.23.13		None Observed	12.84	0.0			6097.89
	4.21.14		None Observed	12.72	0.0			6098.01
	10.27.14		None Observed	12.85	0.0			6097.88
	4.28.15		None Observed	12.52	0.0			6098.21
	10.20.15		None Observed	12.78	0.0			6097.95
	4.08.16		None Observed	12.41	0.0			6098.32
	10.07.16		None Observed	13.38	0.0			6097.35
	5.17.17		None Observed	12.44	0.0			6098.29
	10.10.17		None Observed	13.04	0.0			6097.69
	5.4.18		Monitoring well was removed during October 2017 excavation.					

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TABLE 2
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-38	1.25.11	6110.43	None Observed	12.06	0.0	23.47	10.47-20.47	6098.37
	4.22.11		None Observed	11.87	0.0			6098.56
	7.27.11		None Observed	13.01	0.0			6097.42
	10.26.11		None Observed	13.10	0.0			6097.33
	1.26.12		None Observed	12.68	0.0			6097.75
	4.18.12		None Observed	12.11	0.0			6098.32
	7.30.12		None Observed	12.24	0.0			6098.19
	10.18.12		None Observed	13.01	0.0			6097.42
	4.23.13		None Observed	12.34	0.0			6098.09
	10.23.13		None Observed	11.92	0.0			6098.51
	4.22.13		None Observed	11.80	0.0			6098.63
	4.21.14		None Observed	11.80	0.0			6098.63
	10.27.14		None Observed	11.91	0.0			6098.52
	4.28.15		None Observed	11.55	0.0			6098.88
	10.20.15		None Observed	11.85	0.0			6098.58
	4.08.16		None Observed	11.52	0.0			6098.91
	10.07.16		None Observed	12.79	0.0			6097.64
	5.17.17		None Observed	11.53	0.0			6098.90
	10.10.17		None Observed	12.07	0.0			6098.36
	5.04.18		None Observed	12.21	0.0			6098.22
	10.04.18		None Observed	12.83	0.0			6097.60
	5.30.19		None Observed	12.01	0.0			6098.42
	12.13.19		None Observed	12.91	0.0			6097.52
	4.28.20		None Observed	12.62	0.0			6097.81
	10.26.20		None Observed	13.94	0.0			6096.49
	4.8.21		None Observed	13.32	0.0			6097.11
	11.15.21		None Observed	13.33	0.0			6097.10
MW-39	1.25.11	6113.7	None Observed	16.21	0.0	20	10-20	6097.49
	4.22.11		None Observed	17.35	0.0			6096.35
	7.27.11		None Observed	16.43	0.0			6097.27
	10.26.11		None Observed	16.52	0.0			6097.18
	1.26.12		None Observed	16.57	0.0			6097.13
	4.18.12		None Observed	16.61	0.0			6097.09
	7.30.12		None Observed	16.69	0.0			6097.01
	10.18.12		None Observed	16.77	0.0			6096.93
	4.23.13		None Observed	16.65	0.0			6097.05
	10.23.13		None Observed	16.25	0.0			6097.45
	4.21.14		None Observed	16.24	0.0			6097.46
	10.29.14		None Observed	16.41	0.0			6097.29
	4.28.15		None Observed	16.11	0.0			6097.59
	10.20.15		None Observed	16.06	0.0			6097.64
	4.08.16		None Observed	15.96	0.0			6097.74
	10.07.16		None Observed	16.21	0.0			6097.49
	5.17.17		None Observed	15.92	0.0			6097.78
	10.10.17		None Observed	16.16	0.0			6097.54
	5.04.18		None Observed	16.24	0.0			6097.46
	10.04.18		None Observed	16.55	0.0			6097.15
	5.30.19		None Observed	16.37	0.0			6097.33
	12.13.19		None Observed	16.72	0.0			6096.98
	4.28.20		None Observed	16.80	0.0			6096.90
	10.26.20		None Observed	16.92	0.0			6096.78
	4.8.21		None Observed	16.96	0.0			6096.74
	11.15.21		None Observed	16.86	0.0			6096.84
MW-40[c]	1.25.11	6115.69	None Observed	19.16	0.0	20	15	6096.53
	4.22.11		Dry	Dry	Dry			Dry
	7.27.11		Dry	Dry	Dry			Dry
	10.26.11		Dry	Dry	Dry			Dry
	1.26.12		Dry	Dry	Dry			Dry

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Largo Compressor Station
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Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-40R	4.18.12	6115.61	None Observed	19.58	0.0	NA	NA	6096.03
	7.30.12		None Observed	19.69	0.0			6095.92
	10.18.12		None Observed	19.96	0.0			6095.65
	4.23.13		None Observed	19.47	0.0			6096.14
	10.23.13		None Observed	19.12	0.0			6096.49
	4.21.14		None Observed	18.85	0.0			6096.76
	10.27.14		None Observed	19.17	0.0			6096.44
	4.28.15		None Observed	18.71	0.0			6096.90
	10.20.15		None Observed	18.93	0.0			6096.68
	4.08.16		None Observed	18.53	0.0			6097.08
	10.07.16		None Observed	19.45	0.0			6096.16
	5.17.17		None Observed	18.59	0.0			6097.02
	10.10.17		None Observed	19.41	0.0			6096.20
	5.04.18		None Observed	19.18	0.0			6096.43
	10.04.18		None Observed	19.96	0.0			6095.65
	5.30.19		None Observed	19.10	0.0			6096.51
	12.13.19		None Observed	19.80	0.0			6095.81
	4.28.20		None Observed	19.82	0.0			6095.79
	10.26.20		None Observed	20.93	0.0			6094.68
	4.8.21		None Observed	20.56	0.0			6095.05
	11.15.21		None Observed	20.43	0.0			6095.18
MW-41	1.25.11	6112.07	None Observed	14.14	0.0	20	10-20	6097.93
	4.22.11		None Observed	14.18	0.0			6097.89
	7.27.11		None Observed	14.08	0.0			6097.99
	10.26.11		None Observed	14.97	0.0			6097.10
	1.26.12		None Observed	14.20	0.0			6097.87
	4.18.12		None Observed	14.27	0.0			6097.80
	7.30.12		None Observed	14.21	0.0			6097.86
	10.18.12		None Observed	14.18	0.0			6097.89
	4.23.13		None Observed	14.39	0.0			6097.68
	10.23.13		None Observed	14.23	0.0			6097.84
	4.21.14		None Observed	14.26	0.0			6097.81
	10.27.14		None Observed	14.06	0.0			6098.01
	4.28.15		None Observed	14.09	0.0			6097.98
	10.20.15		None Observed	13.86	0.0			6098.21
	4.08.16		None Observed	13.88	0.0			6098.19
	10.07.16		None Observed	13.72	0.0			6098.35
	5.17.17		None Observed	13.62	0.0			6098.45
	10.10.17		None Observed	13.39	0.0			6098.68
	5.04.18		None Observed	13.53	0.0			6098.54
	10.04.18		None Observed	13.43	0.0			6098.64
	5.30.19		None Observed	13.56	0.0			6098.51
	12.13.19		None Observed	13.55	0.0			6098.52
	4.28.20		None Observed	13.78	0.0			6098.29
	10.26.20		None Observed	13.69	0.0			6098.38
	4.8.21		None Observed	13.98	0.0			6098.09
	11.15.21		None Observed	13.99	0.0			6098.08
MW-42	1.25.11	6121.53	None Observed	24.88	0.0	28.50	10.50-20.50	6096.65
	4.22.11**		Errant Gauge					Errant Gauge
	7.27.11		None Observed	Dry	0.0			Dry
	10.26.11		None Observed	25.16	0.0			6096.37
	1.26.12		None Observed	24.92	0.0			6096.61
	4.18.12		Not Gauged					Not Gauged
	7.30.12		Dry					Dry
	10.18.12		Dry					Dry
	4.23.13		Dry					Dry
	10.23.13		Dry					Dry
	4.21.14		None Observed	25.02	0.0			6096.51
	10.27.14		None Observed	25.35	0.0			6096.18
	4.28.15		Dry					Dry
	10.20.15		None Observed	25.19	0.0			6096.34
	4.08.16***		None Observed	24.79	0.0			6096.74
	10.07.16		Dry					Dry
	5.17.17***		None Observed	24.49	0.0			6097.04
	10.10.17***		None Observed	24.82	0.0			6096.71
	5.04.18		None Observed	24.49	0.0			6097.04
	10.04.18		None Observed	24.82	0.0			6096.71
	5.30.19		None Observed	24.48	0.0			6097.05
	12.13.19		Not Gauged					Not Gauged
	4.28.20		Not Gauged					Not Gauged
	10.26.20		Not Gauged					Not Gauged
	4.8.21		Not Gauged					Not Gauged
	11.15.21		Not Gauged					Not Gauged

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Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-43	1.25.11	6112.92	None Observed	15.41	0.0	23.39	13.39-23.39	6097.51
	4.22.11		None Observed	15.30	0.0			6097.62
	7.27.11		None Observed	16.27	0.0			6096.65
	10.26.11		None Observed	16.35	0.0			6096.57
	1.26.12		None Observed	16.05	0.0			6096.87
	4.18.12		None Observed	15.87	0.0			6097.05
	7.30.12		None Observed	15.82	0.0			6097.10
	10.18.12		None Observed	16.35	0.0			6096.57
	4.23.13		None Observed	15.79	0.0			6097.13
	10.23.13		None Observed	15.33	0.0			6097.59
	4.21.14		None Observed	15.19	0.0			6097.73
	10.27.14		None Observed	15.42	0.0			6097.50
	4.28.15		None Observed	15.01	0.0			6097.91
	10.20.15		None Observed	15.28	0.0			6097.64
	4.08.16		None Observed	14.92	0.0			6098.00
	10.07.16		None Observed	15.84	0.0			6097.08
	5.17.17		None Observed	14.94	0.0			6097.98
	10.10.17		None Observed	15.64	0.0			6097.28
	5.04.18		None Observed	15.61	0.0			6097.31
	10.04.18		None Observed	16.25	0.0			6096.67
	5.30.19		None Observed	15.41	0.0			6097.51
	12.13.19		None Observed	16.12	0.0			6096.80
	4.28.20		None Observed	16.08	0.0			6096.84
	10.26.20		None Observed	17.27	0.0			6095.65
	4.8.21		None Observed	16.74	0.0			6096.18
	11.15.21		None Observed	16.71	0.0			6096.21
MW-47	1.25.11	6114.41	None Observed	19.22	0.0	23	13-23	6095.19
	4.22.11		None Observed	19.02	0.0			6095.39
	7.27.11		None Observed	19.69	0.0			6094.72
	10.26.11		None Observed	19.86	0.0			6094.55
	1.26.12		None Observed	19.79	0.0			6094.62
	4.19.12		None Observed	19.67	0.0			6094.74
	7.31.12		None Observed	19.87	0.0			6094.54
	10.18.12		None Observed	20.08	0.0			6094.33
	4.24.13		None Observed	19.65	0.0			6094.76
	10.23.13		None Observed	19.38	0.0			6095.03
	4.21.14		None Observed	19.06	0.0			6095.35
	10.27.14		None Observed	19.37	0.0			6095.04
	4.28.15		None Observed	18.95	0.0			6095.46
	10.20.15		None Observed	19.15	0.0			6095.26
	4.08.16		**Well Destroyed in 2016**					
MW-48	4.18.12	6109.21	Not Gauged			23.98	13.98-23.98	Not Gauged
	7.30.12		None Observed	11.90	0.0			6097.31
	10.18.12		None Observed	12.26	0.0			6096.95
	4.23.13		None Observed	11.60	0.0			6097.61
	10.23.13		None Observed	11.18	0.0			6098.03
	4.21.14		None Observed	11.06	0.0			6098.15
	10.27.14		None Observed	11.19	0.0			6098.02
	4.28.15		None Observed	10.85	0.0			6098.36
	10.20.15		None Observed	11.09	0.0			6098.12
	4.08.16		None Observed	10.75	0.0			6098.46
	10.07.16		None Observed	11.74	0.0			6097.47
	5.17.17		None Observed	10.79	0.0			6098.42
	10.10.17		None Observed	11.33	0.0			6097.88
	5.04.18		None Observed	11.47	0.0			6097.74
	10.04.18		None Observed	12.09	0.0			6097.12
	5.30.19		None Observed	11.57	0.0			6097.64
	12.13.19[D]		None Observed	11.93	0.0			6097.28
	4.28.20[D]		None Observed	11.68	0.0			6097.53
	10.26.20[D]		None Observed	12.98	0.0			6096.23
	4.8.21[D]		None Observed	12.40	0.0			6096.81
	11.15.21[D]		None Observed	12.39	0.0			6096.82

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Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-49	4.18.12	6109.54	None Observed	12.38	0.0	19.94	9.94-19.94	6097.16
	7.30.12		None Observed	12.22	0.0			6097.32
	10.18.12		None Observed	12.92	0.0			6096.62
	4.23.13**		Errant Gauge					Errant Gauge
	10.23.13		None Observed	11.87	0.0			6097.67
	4.21.14		None Observed	11.77	0.0			6097.77
	10.27.14		None Observed	11.89	0.0			6097.65
	4.28.15		None Observed	11.54	0.0			6098.00
	10.20.15		None Observed	11.81	0.0			6097.73
	4.08.16		None Observed	11.45	0.0			6098.09
	10.20.16		None Observed	12.45	0.0			6097.09
	5.17.17		None Observed	11.51	0.0			6098.03
	10.10.17		None Observed	12.09	0.0			6097.45
	5.04.18		None Observed	12.18	0.0			6097.36
	10.04.18		None Observed	12.83	0.0			6096.71
	5.30.19		None Observed	12.09	0.0			6097.45
	12.13.19[D]		None Observed	12.80	0.0			6096.74
	4.28.20[D]		None Observed	12.65	0.0			6096.89
	10.26.20[D]		Dry					Dry
	4.8.21[D]		None Observed	13.36	0.0			6096.18
	11.15.21[D]		None Observed	13.30	0.0			6096.24
MW-50	4.18.12	6120.62	None Observed	24.64	0.0	31.08	21.08-31.08	6095.98
	7.30.12		None Observed	24.93	0.0			6095.69
	10.18.12		None Observed	25.11	0.0			6095.51
	4.23.13		None Observed	24.57	0.0			6096.05
	10.23.13		None Observed	24.21	0.0			6096.41
	4.21.14		None Observed	23.91	0.0			6096.71
	10.27.14		None Observed	24.36	0.0			6096.26
	4.28.15		None Observed	23.86	0.0			6096.76
	10.20.15		None Observed	24.04	0.0			6096.58
	4.08.16		None Observed	23.58	0.0			6097.04
	10.07.16		None Observed	24.52	0.0			6096.10
	5.17.17		None Observed	23.68	0.0			6096.94
	10.10.17		None Observed	24.54	0.0			6096.08
	5.04.18		None Observed	24.24	0.0			6096.38
	10.04.18		None Observed	25.09	0.0			6095.53
	5.30.19		None Observed	24.23	0.0			6096.39
	12.13.19		None Observed	25.02	0.0			6095.60
	4.28.20		None Observed	24.97	0.0			6095.65
	10.26.20		None Observed	26.05	0.0			6094.57
	4.8.21		None Observed	25.70	0.0			6094.92
	11.15.21		None Observed	25.56	0.0			6095.06
MW-51	4.18.12	6113.50	None Observed	18.33	0.0	28	18-28	6095.17
	7.30.12		None Observed	17.47	0.0			6096.03
	10.18.12		None Observed	17.81	0.0			6095.69
	04.23.13		None Observed	17.35	0.0			6096.15
	10.23.13		None Observed	16.84	0.0			6096.66
	4.21.14		None Observed	16.68	0.0			6096.82
	10.27.14		None Observed	17.08	0.0			6096.42
	4.28.15		None Observed	16.61	0.0			6096.89
	10.20.15		None Observed	16.78	0.0			6096.72
	4.08.16		None Observed	16.36	0.0			6097.14
	10.07.16		None Observed	17.33	0.0			6096.17
	5.17.17		None Observed	16.43	0.0			6097.07
	10.10.17		None Observed	17.25	0.0			6096.25
	5.04.18		None Observed	17.04	0.0			6096.46
	10.04.18		None Observed	17.81	0.0			6095.69
	5.30.19		None Observed	16.91	0.0			6096.59
	12.13.19		None Observed	17.62	0.0			6095.88
	4.28.20		None Observed	17.64	0.0			6095.86
	10.26.20		None Observed	18.79	0.0			6094.71
	4.8.21		None Observed	18.37	0.0			6095.13
	11.15.21		None Observed	18.31	0.0			6095.19

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Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-52	4.18.12	6118.98	None Observed	21.11	0.0	27.67	17.67-21.67	6097.87
	7.30.12		None Observed	21.10	0.0			6097.88
	10.18.12		None Observed	21.08	0.0			6097.90
	4.23.13		None Observed	21.25	0.0			6097.73
	10.23.13		None Observed	21.02	0.0			6097.96
	4.21.14		None Observed	21.01	0.0			6097.97
	10.27.14		None Observed	20.91	0.0			6098.07
	4.28.15		None Observed	20.86	0.0			6098.12
	10.20.15		None Observed	20.62	0.0			6098.36
	4.08.16		None Observed	20.66	0.0			6098.32
	10.07.16		None Observed	20.60	0.0			6098.38
	5.17.17		None Observed	20.48	0.0			6098.50
	10.10.17		None Observed	20.42	0.0			6098.56
	5.04.18		None Observed	20.69	0.0			6098.29
	10.04.18		None Observed	20.74	0.0			6098.24
	5.30.19		None Observed	20.75	0.0			6098.23
	12.13.19		None Observed	20.78	0.0			6098.20
	4.28.20		None Observed	21.00	0.0			6097.98
	10.26.20		None Observed	20.95	0.0			6098.03
	4.8.21		None Observed	21.14	0.0			6097.84
	11.15.21		None Observed	21.19	0.0			6097.79
MW-53	5.3.13	6109.41	None Observed	12.16	0.0	18.27	7.77-17.77	6097.25
	10.23.13		None Observed	11.72	0.0			6097.69
	4.21.14		None Observed	11.58	0.0			6097.83
	10.27.14		None Observed	11.73	0.0			6097.68
	4.28.15		None Observed	11.40	0.0			6098.01
	10.20.15		None Observed	11.66	0.0			6097.75
	4.08.16		None Observed	11.26	0.0			6098.15
	10.07.16		None Observed	12.27	0.0			6097.14
	5.17.17		None Observed	11.33	0.0			6098.08
	10.10.17		None Observed	12.00	0.0			6097.41
	5.04.18		None Observed	12.09	0.0			6097.32
	10.04.18		None Observed	12.71	0.0			6096.70
	5.30.19		None Observed	11.85	0.0			6097.56
	12.13.19		None Observed	12.70	0.0			6096.71
	4.28.20		None Observed	12.43	0.0			6096.98
	10.26.20		None Observed	13.70	0.0			6095.71
	4.8.21		None Observed	13.15	0.0			6096.26
	11.15.21		None Observed	13.12	0.0			6096.29
MW-54	5.3.13	6107.62	None Observed	10.29	0.0	18.45	7.21-17.21	6097.33
	10.23.13		None Observed	9.82	0.0			6097.80
	4.21.14		None Observed	9.79	0.0			6097.83
	10.27.14		None Observed	9.80	0.0			6097.82
	4.28.15		None Observed	9.51	0.0			6098.11
	10.20.15		None Observed	9.70	0.0			6097.92
	4.08.16		None Observed	9.40	0.0			6098.22
	10.20.16		None Observed	10.30	0.0			6097.32
	5.17.17		None Observed	9.41	0.0			6098.21
	10.10.17		None Observed	9.97	0.0			6097.65
	5.04.18		None Observed	10.13	0.0			6097.49
	10.04.18		None Observed	10.78	0.0			6096.84
	5.30.19		None Observed	10.03	0.0			6097.59
	12.13.19		None Observed	10.85	0.0			6096.77
	4.28.20		None Observed	10.58	0.0			6097.04
	10.26.20		None Observed	11.96	0.0			6095.66
	4.8.21		None Observed	11.30	0.0			6096.32
	11.15.21		None Observed	11.69	0.0			6095.93

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TABLE 2
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-55	5.3.13	6107.53	None Observed	9.82	0.0	18.27	7.27-17.27	6097.71
	10.23.13		None Observed	9.45	0.0			6098.08
	4.21.14		None Observed	9.21	0.0			6098.32
	10.27.14		None Observed	9.08	0.0			6098.45
	4.28.15		None Observed	9.01	0.0			6098.52
	10.20.15		None Observed	9.11	0.0			6098.42
	4.08.16		None Observed	9.06	0.0			6098.47
	10.07.16		None Observed	9.51	0.0			6098.02
	5.17.17		Blockage					Blockage
	10.10.17		Blockage					Blockage
	5.04.18		Blockage					Blockage
	10.04.18		Blockage					Blockage
	5.30.19		None Observed	10.31	0.0			6097.22
	12.13.19		None Observed	11.43	0.0			6096.10
	4.28.20[E]		Not Gauged					Not Gauged
	10.26.20[E]		Not Gauged					Not Gauged
	4.8.21[E]		Not Gauged					Not Gauged
	11.15.21[E]		Not Gauged					Not Gauged
MW-75	4.23.13	6116.28	None Observed	18.98	0.0	27.25	12.25-27.25	6097.30
	10.23.13		None Observed	18.67	0.0			6097.61
	4.21.14		None Observed	18.35	0.0			6097.93
	10.27.14		None Observed	18.64	0.0			6097.64
	4.28.15		None Observed	18.18	0.0			6098.10
	10.20.15		None Observed	18.49	0.0			6097.79
	4.08.16		None Observed	18.07	0.0			6098.21
	10.07.16		None Observed	19.03	0.0			6097.25
	5.17.17		None Observed	18.10	0.0			6098.18
	10.10.17		None Observed	18.96	0.0			6097.32
	5.04.18		None Observed	18.79	0.0			6097.49
	10.04.18		None Observed	19.48	0.0			6096.80
	5.30.19		None Observed	18.59	0.0			6097.69
	12.13.19		None Observed	19.57	0.0			6096.71
	4.28.20		None Observed	19.30	0.0			6096.98
	10.26.20		None Observed	20.42	0.0			6095.86
	4.8.21		None Observed	20.05	0.0			6096.23
	11.15.21		None Observed	20.02	0.0			6096.26
MW-76	10.23.13	6123.36	None Observed	25.33	0.0	30.28	15.28-30.28	6098.03
	4.21.14		None Observed	24.73	0.0			6098.63
	10.27.14		None Observed	25.20	0.0			6098.16
	4.28.15		None Observed	24.54	0.0			6098.82
	10.20.15		None Observed	25.03	0.0			6098.33
	4.08.16		None Observed	24.45	0.0			6098.91
	10.07.16		None Observed	25.40	0.0			6097.96
	5.17.17		None Observed	24.51	0.0			6098.85
	10.10.17		None Observed	25.54	0.0			6097.82
	5.04.18		None Observed	25.10	0.0			6098.26
	10.04.18		None Observed	25.86	0.0			6097.50
	5.30.19		None Observed	24.88	0.0			6098.48
	12.13.19		None Observed	25.94	0.0			6097.42
	4.28.20		None Observed	25.59	0.0			6097.77
	10.26.20		None Observed	26.69	0.0			6096.67
	4.8.21		None Observed	26.31	0.0			6097.05
	11.15.21		None Observed	26.49	0.0			6096.87
MW-77	10.23.13	6130.97	None Observed	33.13	0.0	37.08	22.08-37.08	6097.84
	4.21.14		None Observed	32.53	0.0			6098.44
	10.27.14		None Observed	32.98	0.0			6097.99
	4.28.15		None Observed	32.37	0.0			6098.60
	10.20.15		None Observed	32.82	0.0			6098.15
	4.08.16		None Observed	32.26	0.0			6098.71
	10.07.16		None Observed	33.19	0.0			6097.78
	5.17.17		None Observed	32.32	0.0			6098.65
	10.10.17		None Observed	33.35	0.0			6097.62
	5.04.18		None Observed	32.91	0.0			6098.06
	10.04.18		None Observed	33.65	0.0			6097.32
	5.30.19		None Observed	32.69	0.0			6098.28
	12.13.19		None Observed	33.77	0.0			6097.20
	4.28.20		None Observed	33.40	0.0			6097.57
	10.26.20		None Observed	34.49	0.0			6096.48
	4.8.21		None Observed	34.15	0.0			6096.82
	11.15.21		None Observed	34.30	0.0			6096.67

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TABLE 2
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-79	10.23.13	6127.81	None Observed	30.46	0.0	37.47	22.47-37.47	6097.35
	4.21.14		None Observed	30.05	0.0			6097.76
	10.27.14		None Observed	30.34	0.0			6097.47
	4.28.15		None Observed	29.91	0.0			6097.90
	10.20.15		None Observed	30.15	0.0			6097.66
	4.08.16		None Observed	29.69	0.0			6098.12
	10.07.16		None Observed	30.61	0.0			6097.20
	5.17.17		None Observed	29.71	0.0			6098.10
	10.10.17		None Observed	30.80	0.0			6097.01
	5.04.18		None Observed	30.74	0.0			6097.07
	10.04.18		None Observed	31.01	0.0			6096.80
	5.30.19		None Observed	30.18	0.0			6097.63
	12.13.19		None Observed	31.24	0.0			6096.57
	4.28.20		None Observed	30.91	0.0			6096.90
	10.26.20		None Observed	31.80	0.0			6096.01
	4.8.21		None Observed	31.68	0.0			6096.13
	11.15.21		None Observed	31.70	0.0			6096.11
MW-80	10.23.13	6124.39	None Observed	26.58	0.0	32.63	17.63-32.63	6097.81
	4.21.14		None Observed	26.12	0.0			6098.27
	10.27.14		None Observed	26.47	0.0			6097.92
	4.28.15		None Observed	25.91	0.0			6098.48
	4.08.16		None Observed	25.80	0.0			6098.59
	10.07.16		None Observed	26.72	0.0			6097.67
	5.17.17		None Observed	25.85	0.0			6098.54
	10.10.17		None Observed	26.86	0.0			6097.53
	5.04.18		None Observed	26.46	0.0			6097.93
	10.04.18		None Observed	27.19	0.0			6097.20
	5.30.19		None Observed	26.23	0.0			6098.16
	12.13.19		None Observed	27.31	0.0			6097.08
	4.28.20		None Observed	26.99	0.0			6097.40
	10.26.20		None Observed	28.08	0.0			6096.31
	4.8.21		None Observed	27.74	0.0			6096.65
	11.15.21		None Observed	27.83	0.0			6096.56
MW-83	10.23.13	6116.86	None Observed	18.91	0.0	22.94	12.94-22.94	6097.95
	4.21.14		None Observed	18.30	0.0			6098.56
	10.27.14		None Observed	18.79	0.0			6098.07
	4.28.15		None Observed	18.14	0.0			6098.72
	4.08.16		None Observed	18.04	0.0			6098.82
	10.07.16		None Observed	18.96	0.0			6097.90
	5.17.17		None Observed	18.10	0.0			6098.76
	10.10.17		None Observed	19.13	0.0			6097.73
	5.04.18		None Observed	18.69	0.0			6098.17
	10.04.18		None Observed	19.41	0.0			6097.45
	5.30.19		None Observed	18.46	0.0			6098.40
	12.13.19		None Observed	19.54	0.0			6097.32
	4.28.20		None Observed	19.20	0.0			6097.66
	10.26.20		None Observed	20.24	0.0			6096.62
	4.8.21		None Observed	19.93	0.0			6096.93
	11.15.21		None Observed	20.09	0.0			6096.77
MW-88	10.27.14	6118.65	None Observed	24.16	0.0	27.93	17.93-27.93	6094.49
	4.28.15		None Observed	23.71	0.0			6094.94
	10.20.15		None Observed	23.94	0.0			6094.71
	4.08.16		None Observed	23.49	0.0			6095.16
	10.07.16		None Observed	24.37	0.0			6094.28
	5.17.17		None Observed	23.60	0.0			6095.05
	10.10.17		None Observed	24.38	0.0			6094.27
	5.04.18		None Observed	24.09	0.0			6094.56
	10.04.18		None Observed	24.70	0.0			6093.95
	5.30.19		None Observed	24.05	0.0			6094.60
	12.13.19		None Observed	24.66	0.0			6093.99
	4.28.20		None Observed	24.80	0.0			6093.85
	10.26.20		None Observed	25.80	0.0			6092.85
	4.8.21		None Observed	25.48	0.0			6093.17
	11.15.21		None Observed	25.35	0.0			6093.30

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TABLE 2

Largo Compressor Station

GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	Top of Casing Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well Below Top of Casing (feet)	Screen Interval Below Top of Casing (feet)	Corrected Groundwater Elevation[1] (feet)
MW-89	10.27.14	6118.31	None Observed	23.83	0.0	28.98	17.98-27.98	6094.48
	4.28.15		None Observed	23.44	0.0			6094.87
	10.20.15		None Observed	23.61	0.0			6094.70
	4.08.16		None Observed	23.26	0.0			6095.05
	10.07.16		None Observed	24.19	0.0			6094.12
	5.17.17		None Observed	23.35	0.0			6094.96
	10.10.17		None Observed	23.96	0.0			6094.35
	5.04.18		None Observed	23.91	0.0			6094.40
	10.04.18		None Observed	24.67	0.0			6093.64
	5.30.19		None Observed	23.80	0.0			6094.51
	12.13.19		None Observed	24.00	0.0			6094.31
	4.28.20		None Observed	25.55	0.0			6092.76
	10.26.20		None Observed	25.69	0.0			6092.62
	4.8.21		None Observed	25.23	0.0			6093.08
	11.15.21		None Observed	25.06	0.0			6093.25
MW-90	10.27.14	6117.82	None Observed	23.09	0.0	28.15	18.15-28.15	6094.73
	4.28.15		None Observed	22.73	0.0			6095.09
	10.20.15		None Observed	22.90	0.0			6094.92
	4.08.16		None Observed	22.57	0.0			6095.25
	10.07.16		None Observed	23.45	0.0			6094.37
	5.17.17		None Observed	22.64	0.0			6095.18
	10.10.17		None Observed	23.21	0.0			6094.61
	5.04.18		None Observed	23.20	0.0			6094.62
	10.04.18		None Observed	23.93	0.0			6093.89
	5.30.19		None Observed	23.08	0.0			6094.74
	12.13.19		None Observed	23.43	0.0			6094.39
	4.28.20		None Observed	23.83	0.0			6093.99
	10.26.20		Dry					Dry
	4.8.21		None Observed	24.50	0.0			6093.32
	11.15.21		None Observed	24.34	0.0			6093.48

NA - Not Available

* - Regauged 1.31.11 to confirm product thickness

** - Aberrant gauging data

*** - Well effectively dry

1 - On 11/02/2012, this table was adjusted to reflect July 2012 re-survey and a specific gravity of 0.69 for NAPL

A - Air sparge system was running during the sampling event resulting in an inaccurate gauge.

B - Monitoring well was inaccessible due to 2017 excavation and therefore was not gauged.

C - Monitoring well MW-40 was replaced by MW-40R

D - Surface completion of the monitoring well was damaged during the Area 3 excavation activities but was repaired during the end of remediation activties in 2019.

E - Monitoring well MW-55 was not gauaged due to obstruction of the well casing.

ENSOLUM

APPENDIX D

2021 Groundwater Monitoring Laboratory Data Sheets & Chain of Custody Documentation

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

April 15, 2021

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX (214) 350-2914

RE: Largo CS OrderNo.: 2104479

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 13 sample(s) on 4/10/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **2104479**
Date Reported: **4/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2104479
Project: Largo CS

Lab ID: 2104479-001 **Collection Date:** 4/8/2021 2:20:00 PM
Client Sample ID: MW-88 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 1:33:10 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 1:33:10 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 1:33:10 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 1:33:10 PM	B76615
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	4/12/2021 1:33:10 PM	B76615

Lab ID: 2104479-002 **Collection Date:** 4/8/2021 3:20:00 PM
Client Sample ID: MW-89 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 1:56:46 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 1:56:46 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 1:56:46 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 1:56:46 PM	B76615
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	4/12/2021 1:56:46 PM	B76615

Lab ID: 2104479-003 **Collection Date:** 4/8/2021 4:10:00 PM
Client Sample ID: MW-90 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 3:07:49 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 3:07:49 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 3:07:49 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 3:07:49 PM	B76615
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	4/12/2021 3:07:49 PM	B76615

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2104479**
Date Reported: **4/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2104479
Project: Largo CS

Lab ID: 2104479-004 **Collection Date:** 4/9/2021 8:35:00 AM
Client Sample ID: MW-14 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 3:31:24 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 3:31:24 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 3:31:24 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 3:31:24 PM	B76615
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	4/12/2021 3:31:24 PM	B76615

Lab ID: 2104479-005 **Collection Date:** 4/9/2021 9:10:00 AM
Client Sample ID: MW-15 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 3:54:54 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 3:54:54 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 3:54:54 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 3:54:54 PM	B76615
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	4/12/2021 3:54:54 PM	B76615

Lab ID: 2104479-006 **Collection Date:** 4/9/2021 9:50:00 AM
Client Sample ID: MW-13 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 4:18:30 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 4:18:30 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 4:18:30 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 4:18:30 PM	B76615
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	4/12/2021 4:18:30 PM	B76615

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2104479**
Date Reported: **4/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2104479
Project: Largo CS

Lab ID: 2104479-007 **Collection Date:** 4/9/2021 10:30:00 AM
Client Sample ID: MW-6 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 4:42:02 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 4:42:02 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 4:42:02 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 4:42:02 PM	B76615
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	4/12/2021 4:42:02 PM	B76615

Lab ID: 2104479-008 **Collection Date:** 4/9/2021 11:10:00 AM
Client Sample ID: MW-16 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 5:05:31 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 5:05:31 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 5:05:31 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 5:05:31 PM	B76615
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	4/12/2021 5:05:31 PM	B76615

Lab ID: 2104479-009 **Collection Date:** 4/9/2021 11:40:00 AM
Client Sample ID: MW-3R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 5:29:11 PM	B76615
Toluene	1.5	1.0		µg/L	1	4/12/2021 5:29:11 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 5:29:11 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 5:29:11 PM	B76615
Surr: 4-Bromofluorobenzene	99.6	70-130		%Rec	1	4/12/2021 5:29:11 PM	B76615

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2104479**
Date Reported: **4/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2104479
Project: Largo CS

Lab ID: 2104479-010 **Collection Date:** 4/9/2021 12:30:00 PM
Client Sample ID: MW-8 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 6:39:43 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 6:39:43 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 6:39:43 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 6:39:43 PM	B76615
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	4/12/2021 6:39:43 PM	B76615

Lab ID: 2104479-011 **Collection Date:** 4/9/2021 1:05:00 PM
Client Sample ID: MW-7 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 7:03:17 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 7:03:17 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 7:03:17 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 7:03:17 PM	B76615
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	4/12/2021 7:03:17 PM	B76615

Lab ID: 2104479-012 **Collection Date:** 4/9/2021 1:50:00 PM
Client Sample ID: MW-9 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 7:27:04 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 7:27:04 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 7:27:04 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 7:27:04 PM	B76615
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	4/12/2021 7:27:04 PM	B76615

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2104479**
Date Reported: **4/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Project: Largo CS
Lab Order: 2104479

Lab ID: 2104479-013
Collection Date: 4/9/2021 3:40:00 PM
Client Sample ID: MW-49
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/12/2021 7:50:40 PM	B76615
Toluene	ND	1.0		µg/L	1	4/12/2021 7:50:40 PM	B76615
Ethylbenzene	ND	1.0		µg/L	1	4/12/2021 7:50:40 PM	B76615
Xylenes, Total	ND	2.0		µg/L	1	4/12/2021 7:50:40 PM	B76615
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	4/12/2021 7:50:40 PM	B76615

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104479**

15-Apr-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **B76615**	RunNo: **76615**
Prep Date:	Analysis Date: **4/12/2021**	SeqNo: **2714606** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	19		20.00		93.7	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **B76615**	RunNo: **76615**
Prep Date:	Analysis Date: **4/12/2021**	SeqNo: **2714607** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.2	80	120			
Toluene	19	1.0	20.00	0	97.4	80	120			
Ethylbenzene	19	1.0	20.00	0	96.9	80	120			
Xylenes, Total	58	2.0	60.00	0	96.4	80	120			
Surr: 4-Bromofluorobenzene	19		20.00		97.0	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: **2104479** RcptNo: 1

Received By: **Sean Livingston** 4/10/2021 8:50:00 AM Sean Livingston

Completed By: **Sean Livingston** 4/10/2021 10:25:02 AM Sean Livingston

Reviewed By: 4/12/21

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☑ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: SGL 4/12/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.4	Good				

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

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

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.4 +0 = 0.4 (°C)

HEAL No. 2104479

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/8/21	14:20	W	MW-88	3x40mL VOA	$HgCl_2$	001	X									
4/8/21	15:20	W	MW-89	3x40mL VOA	$HgCl_2$	002	X									
4/8/21	16:10	W	MW-90	3x40mL VOA	$HgCl_2$	003	X									
4/9/21	8:35	W	MW-14	3x40mL VOA	$HgCl_2$	004	X									
4/9/21	9:10	W	MW-15	3x40mL VOA	$HgCl_2$	005	X									
4/9/21	9:50	W	MW-13	3x40mL VOA	$HgCl_2$	006	X									
4/9/21	10:30	W	MW-6	3x40mL VOA	$HgCl_2$	007	X									
4/9/21	11:10	W	MW-16	3x40mL VOA	$HgCl_2$	008	X									
4/9/21	11:40	W	MW-3R	3x40mL VOA	$HgCl_2$	009	X									
4/9/21	12:30	W	MW-8	3x40mL VOA	$HgCl_2$	010	X									
4/9/21	13:05	W	MW-7	3x40mL VOA	$HgCl_2$	011	X									
4/9/21	13:50	W	MW-9	3x40mL VOA	$HgCl_2$	012	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/9/21	1731				4/9/21	1731
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/9/21	1813			Courier	4/10/21	8:50

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 4/22/2024 3:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

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

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo C5

Project #: 05A12260001

Project Manager: K. Summers

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.4 +0 =0.4 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104479	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
4/9/21	1540	W	MW-49	3x 40mL VOA	$HgCl_2$	013	X															

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/9/21	1731				4/9/21	1731
4/9/21	1813			Courier	4/10/21	8:50

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

April 15, 2021

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX (214) 350-2914

RE: Largo CS OrderNo.: 2104537

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/13/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **2104537**
Date Reported: **4/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2104537
Project: Largo CS

Lab ID: 2104537-001 **Collection Date:** 4/12/2021 9:45:00 AM
Client Sample ID: MW-53 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/13/2021 5:07:00 PM	R76634
Toluene	ND	1.0		µg/L	1	4/13/2021 5:07:00 PM	R76634
Ethylbenzene	ND	1.0		µg/L	1	4/13/2021 5:07:00 PM	R76634
Xylenes, Total	ND	2.0		µg/L	1	4/13/2021 5:07:00 PM	R76634
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	4/13/2021 5:07:00 PM	R76634

Lab ID: 2104537-002 **Collection Date:** 4/12/2021 10:45:00 AM
Client Sample ID: MW-54 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/13/2021 5:27:00 PM	R76634
Toluene	ND	1.0		µg/L	1	4/13/2021 5:27:00 PM	R76634
Ethylbenzene	ND	1.0		µg/L	1	4/13/2021 5:27:00 PM	R76634
Xylenes, Total	ND	2.0		µg/L	1	4/13/2021 5:27:00 PM	R76634
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	4/13/2021 5:27:00 PM	R76634

Lab ID: 2104537-003 **Collection Date:** 4/12/2021 11:25:00 AM
Client Sample ID: MW-48 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	1.4	1.0		µg/L	1	4/13/2021 5:47:00 PM	R76634
Toluene	ND	1.0		µg/L	1	4/13/2021 5:47:00 PM	R76634
Ethylbenzene	1.8	1.0		µg/L	1	4/13/2021 5:47:00 PM	R76634
Xylenes, Total	ND	2.0		µg/L	1	4/13/2021 5:47:00 PM	R76634
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	4/13/2021 5:47:00 PM	R76634

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2104537**
Date Reported: **4/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2104537
Project: Largo CS

Lab ID: 2104537-004 **Collection Date:** 4/12/2021 11:55:00 AM
Client Sample ID: MW-40R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/13/2021 6:07:00 PM	R76634
Toluene	ND	1.0		µg/L	1	4/13/2021 6:07:00 PM	R76634
Ethylbenzene	ND	1.0		µg/L	1	4/13/2021 6:07:00 PM	R76634
Xylenes, Total	ND	2.0		µg/L	1	4/13/2021 6:07:00 PM	R76634
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	4/13/2021 6:07:00 PM	R76634

Lab ID: 2104537-005 **Collection Date:** 4/12/2021 12:35:00 PM
Client Sample ID: MW-50 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/13/2021 6:26:00 PM	R76634
Toluene	ND	1.0		µg/L	1	4/13/2021 6:26:00 PM	R76634
Ethylbenzene	ND	1.0		µg/L	1	4/13/2021 6:26:00 PM	R76634
Xylenes, Total	ND	2.0		µg/L	1	4/13/2021 6:26:00 PM	R76634
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	4/13/2021 6:26:00 PM	R76634

Lab ID: 2104537-006 **Collection Date:** 4/12/2021 1:10:00 PM
Client Sample ID: MW-39 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/13/2021 6:46:00 PM	R76634
Toluene	ND	1.0		µg/L	1	4/13/2021 6:46:00 PM	R76634
Ethylbenzene	ND	1.0		µg/L	1	4/13/2021 6:46:00 PM	R76634
Xylenes, Total	ND	2.0		µg/L	1	4/13/2021 6:46:00 PM	R76634
Surr: 4-Bromofluorobenzene	85.6	70-130		%Rec	1	4/13/2021 6:46:00 PM	R76634

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104537**

15-Apr-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng BTEX lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R76634**	RunNo: **76634**
Prep Date:	Analysis Date: **4/13/2021**	SeqNo: **2715490** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.5	80	120			
Toluene	19	1.0	20.00	0	96.5	80	120			
Ethylbenzene	20	1.0	20.00	0	98.6	80	120			
Xylenes, Total	58	2.0	60.00	0	97.0	80	120			
Surr: 4-Bromofluorobenzene	18		20.00		89.7	70	130			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R76634**	RunNo: **76634**
Prep Date:	Analysis Date: **4/13/2021**	SeqNo: **2715491** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	18		20.00		89.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: **2104537** RcptNo: 1

Received By: **Sean Livingston** **4/13/2021 9:20:00 AM** S Livingston

Completed By: **Sean Livingston** **4/13/2021 9:43:36 AM** S Livingston

Reviewed By: JO 04/13/21

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☑ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: SPA 4.13.21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.6	Good				

Released to Imaging: 4/22/2024 3:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A122C001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.7 -0.1 = 3.6 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104537	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/12/21	9:45	W	MW-53	3x40mL VOA	$HgCl_2$	001	X									
4/12/21	10:45	W	MW-54	3x40mL VOA	$HgCl_2$	002	X									
4/12/21	11:25	W	MW-~~45~~	3x40mL VOA	$HgCl_2$	003	X									
4/12/21	11:55	W	MW-40TR	3x40mL VOA	$HgCl_2$	004	X									
4/12/21	12:35	W	MW-50	3x40mL VOA	$HgCl_2$	005	X									
4/12/21	13:10	W	MW-39	3x40mL VOA	$HgCl_2$	006	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/12/21	1622				4/12/21	1622
4/12/21	1750		Sage Courier		4/13/21	9:20

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

April 19, 2021

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2104610

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/14/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-51
Project: Largo CS
Collection Date: 4/13/2021 10:45:00 AM
Lab ID: 2104610-001 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 4:39:01 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 4:39:01 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 4:39:01 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 4:39:01 PM	B76756
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	4/16/2021 4:39:01 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-41
Project: Largo CS
Collection Date: 4/13/2021 11:20:00 AM
Lab ID: 2104610-002 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 5:02:34 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 5:02:34 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 5:02:34 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 5:02:34 PM	B76756
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	4/16/2021 5:02:34 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-43
Project: Largo CS
Collection Date: 4/13/2021 11:50:00 AM
Lab ID: 2104610-003 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 5:26:04 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 5:26:04 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 5:26:04 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 5:26:04 PM	B76756
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	4/16/2021 5:26:04 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-38
Project: Largo CS
Collection Date: 4/13/2021 12:15:00 PM
Lab ID: 2104610-004 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 5:49:53 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 5:49:53 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 5:49:53 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 5:49:53 PM	B76756
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	4/16/2021 5:49:53 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-34
Project: Largo CS
Collection Date: 4/13/2021 12:45:00 PM
Lab ID: 2104610-005 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 6:13:36 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 6:13:36 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 6:13:36 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 6:13:36 PM	B76756
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	4/16/2021 6:13:36 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-32
Project: Largo CS
Collection Date: 4/13/2021 1:15:00 PM
Lab ID: 2104610-006 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 7:48:23 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 7:48:23 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 7:48:23 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 7:48:23 PM	B76756
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	4/16/2021 7:48:23 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-83
Project: Largo CS
Collection Date: 4/13/2021 1:45:00 PM
Lab ID: 2104610-007 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 8:12:12 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 8:12:12 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 8:12:12 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 8:12:12 PM	B76756
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	4/16/2021 8:12:12 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-76
Project: Largo CS
Collection Date: 4/13/2021 2:15:00 PM
Lab ID: 2104610-008 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 8:35:53 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 8:35:53 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 8:35:53 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 8:35:53 PM	B76756
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	4/16/2021 8:35:53 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-77
Project: Largo CS
Collection Date: 4/13/2021 3:05:00 PM
Lab ID: 2104610-009
Matrix: AQUEOUS
Received Date: 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 8:59:35 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 8:59:35 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 8:59:35 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 8:59:35 PM	B76756
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	4/16/2021 8:59:35 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104610**
Date Reported: **4/19/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-80
Project: Largo CS
Collection Date: 4/13/2021 3:35:00 PM
Lab ID: 2104610-010 **Matrix:** AQUEOUS **Received Date:** 4/14/2021 8:34:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/16/2021 9:23:16 PM	B76756
Toluene	ND	1.0		µg/L	1	4/16/2021 9:23:16 PM	B76756
Ethylbenzene	ND	1.0		µg/L	1	4/16/2021 9:23:16 PM	B76756
Xylenes, Total	ND	2.0		µg/L	1	4/16/2021 9:23:16 PM	B76756
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	4/16/2021 9:23:16 PM	B76756

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2104610**
19-Apr-21

Client: ENSOLUM
Project: Largo CS

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBW**	Batch ID: **B76756**	RunNo: **76756**							
Prep Date:	Analysis Date: **4/16/2021**	SeqNo: **2720073**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	19		20.00		95.2	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSW**	Batch ID: **B76756**	RunNo: **76756**							
Prep Date:	Analysis Date: **4/16/2021**	SeqNo: **2720074**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.8	80	120			
Toluene	19	1.0	20.00	0	95.3	80	120			
Ethylbenzene	19	1.0	20.00	0	94.7	80	120			
Xylenes, Total	57	2.0	60.00	0	94.2	80	120			
Surr: 4-Bromofluorobenzene	19		20.00		95.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: **2104610** RcptNo: 1

Received By: **Juan Rojas** **4/14/2021 8:34:00 AM**

Completed By: **Desiree Dominguez** **4/14/2021 8:51:04 AM**

Reviewed By: 4/14/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: DAD 4.14.21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.8	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.7+0.1=3.8 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104610	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/13/21	10:45	W	MW-51	3x40mL VOA	$HgCl_2$	-001	X									
4/13/21	11:20	W	MW-41	3x40mL VOA	$HgCl_2$	-002	X									
4/13/21	11:50	W	MW-43	3x40mL VOA	$HgCl_2$	-003	X									
4/13/21	12:15	W	MW-38	3x40mL VOA	$HgCl_2$	-004	X									
4/13/21	12:45	W	MW-34	3x40mL VOA	$HgCl_2$	-005	X									
4/13/21	13:15	W	MW-32	3x40mL VOA	$HgCl_2$	-006	X									
4/13/21	13:45	W	MW-83	3x40mL VOA	$HgCl_2$	-007	X									
4/13/21	14:45	W	MW-76	3x40mL VOA	$HgCl_2$	-008	X									
4/13/21	15:05	W	MW-77	3x40mL VOA	$HgCl_2$	-009	X									
4/13/21	15:35	W	MW-80	3x40mL VOA	$HgCl_2$	-010	X									
4/13/21		W		3x40mL VOA	$HgCl_2$		X									
4/13/21		W		3x40mL VOA	$HgCl_2$		X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/13/21	1706		CHA	VOA	4/13/21	1706
4/13/21	1811	Christine Walker		courier	4/14/21	8:34

Remarks:
Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

April 20, 2021

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX:

RE: Largo CS OrderNo.: 2104695

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/15/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2104695**
Date Reported: **4/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-75
Project: Largo CS
Collection Date: 4/14/2021 9:20:00 AM
Lab ID: 2104695-001 **Matrix:** AQUEOUS **Received Date:** 4/15/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/19/2021 11:02:57 PM	C76775
Toluene	ND	1.0		µg/L	1	4/19/2021 11:02:57 PM	C76775
Ethylbenzene	ND	1.0		µg/L	1	4/19/2021 11:02:57 PM	C76775
Xylenes, Total	ND	2.0		µg/L	1	4/19/2021 11:02:57 PM	C76775
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/19/2021 11:02:57 PM	C76775

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104695**
Date Reported: **4/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-79
Project: Largo CS
Collection Date: 4/14/2021 9:55:00 AM
Lab ID: 2104695-002
Matrix: AQUEOUS
Received Date: 4/15/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/19/2021 11:26:28 PM	C76775
Toluene	ND	1.0		µg/L	1	4/19/2021 11:26:28 PM	C76775
Ethylbenzene	ND	1.0		µg/L	1	4/19/2021 11:26:28 PM	C76775
Xylenes, Total	ND	2.0		µg/L	1	4/19/2021 11:26:28 PM	C76775
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	4/19/2021 11:26:28 PM	C76775

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2104695**
Date Reported: **4/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-52
Project: Largo CS
Collection Date: 4/14/2021 10:30:00 AM
Lab ID: 2104695-003 **Matrix:** AQUEOUS **Received Date:** 4/15/2021 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	4/20/2021 12:36:56 AM	C76775
Toluene	ND	1.0		µg/L	1	4/20/2021 12:36:56 AM	C76775
Ethylbenzene	ND	1.0		µg/L	1	4/20/2021 12:36:56 AM	C76775
Xylenes, Total	ND	2.0		µg/L	1	4/20/2021 12:36:56 AM	C76775
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	4/20/2021 12:36:56 AM	C76775

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104695**

20-Apr-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **C76775**	RunNo: **76775**
Prep Date:	Analysis Date: **4/19/2021**	SeqNo: **2721169** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	19		20.00		93.2	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **C76775**	RunNo: **76775**
Prep Date:	Analysis Date: **4/19/2021**	SeqNo: **2721170** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	90.8	80	120			
Toluene	19	1.0	20.00	0	92.6	80	120			
Ethylbenzene	19	1.0	20.00	0	92.7	80	120			
Xylenes, Total	55	2.0	60.00	0	92.1	80	120			
Surr: 4-Bromofluorobenzene	19		20.00		96.4	70	130			

Sample ID: **2104695-002ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-79**	Batch ID: **C76775**	RunNo: **76775**
Prep Date:	Analysis Date: **4/19/2021**	SeqNo: **2721176** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.0	80	120			
Toluene	19	1.0	20.00	0	96.2	80	120			
Ethylbenzene	19	1.0	20.00	0	96.0	80	120			
Xylenes, Total	57	2.0	60.00	0	95.4	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		102	70	130			

Sample ID: **2104695-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **MW-79**	Batch ID: **C76775**	RunNo: **76775**
Prep Date:	Analysis Date: **4/20/2021**	SeqNo: **2721177** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	91.7	80	120	1.42	20	
Toluene	19	1.0	20.00	0	95.2	80	120	1.09	20	
Ethylbenzene	19	1.0	20.00	0	94.8	80	120	1.23	20	
Xylenes, Total	57	2.0	60.00	0	95.2	80	120	0.238	20	
Surr: 4-Bromofluorobenzene	21		20.00		104	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: **2104695** RcptNo: **1**

Received By: **Juan Rojas** **4/15/2021 7:15:00 AM**

Completed By: **Cheyenne Cason** **4/15/2021 8:42:20 AM**

Reviewed By: JR 4/15/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: 4/15/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

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

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: OSA1274001 LD

Project #: Largo CS

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 1.6-0.1=1.5 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104695	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/14/21	9:20	W	MW-75	3x40mL VOA	$HgCl_2$	001	X									
4/14/21	9:55	W	MW-79	3x40mL VOA	$HgCl_2$	002	X									
4/14/21	10:30	W	MW-52	3x40mL VOA	$HgCl_2$	003	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/14/21	1334				4/14/21	1334
4/14/21	1804			carrier	4/15/21	7:15

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

November 24, 2021

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2111759

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 3 sample(s) on 11/16/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2111759**
Date Reported: **11/24/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-88
Project: Largo CS
Collection Date: 11/15/2021 12:40:00 PM
Lab ID: 2111759-001
Matrix: AQUEOUS
Received Date: 11/16/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/17/2021 12:38:00 PM	R82920
Toluene	ND	1.0		µg/L	1	11/17/2021 12:38:00 PM	R82920
Ethylbenzene	ND	1.0		µg/L	1	11/17/2021 12:38:00 PM	R82920
Xylenes, Total	ND	2.0		µg/L	1	11/17/2021 12:38:00 PM	R82920
Surr: 4-Bromofluorobenzene	120	70-130		%Rec	1	11/17/2021 12:38:00 PM	R82920

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2111759**
Date Reported: **11/24/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-89
Project: Largo CS
Collection Date: 11/15/2021 1:50:00 PM
Lab ID: 2111759-002 **Matrix:** AQUEOUS **Received Date:** 11/16/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/17/2021 12:57:00 PM	R82920
Toluene	ND	1.0		µg/L	1	11/17/2021 12:57:00 PM	R82920
Ethylbenzene	ND	1.0		µg/L	1	11/17/2021 12:57:00 PM	R82920
Xylenes, Total	ND	2.0		µg/L	1	11/17/2021 12:57:00 PM	R82920
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	11/17/2021 12:57:00 PM	R82920

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2111759**
Date Reported: **11/24/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-90
Project: Largo CS
Collection Date: 11/15/2021 2:20:00 PM
Lab ID: 2111759-003 **Matrix:** AQUEOUS **Received Date:** 11/16/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/17/2021 1:17:00 PM	R82920
Toluene	ND	1.0		µg/L	1	11/17/2021 1:17:00 PM	R82920
Ethylbenzene	ND	1.0		µg/L	1	11/17/2021 1:17:00 PM	R82920
Xylenes, Total	ND	2.0		µg/L	1	11/17/2021 1:17:00 PM	R82920
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	11/17/2021 1:17:00 PM	R82920

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111759**

24-Nov-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb-water**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBW**	Batch ID: **R82920**	RunNo: **82920**							
Prep Date:	Analysis Date: **11/17/2021**	SeqNo: **2944131**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	22		20.00		109	70	130			

Sample ID: **mb-water**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBW**	Batch ID: **R82920**	RunNo: **82920**							
Prep Date:	Analysis Date: **11/17/2021**	SeqNo: **2944132**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	21		20.00		107	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSW**	Batch ID: **R82920**	RunNo: **82920**							
Prep Date:	Analysis Date: **11/17/2021**	SeqNo: **2944134**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	114	80	120			
Toluene	23	1.0	20.00	0	116	80	120			
Ethylbenzene	22	1.0	20.00	0	108	80	120			
Xylenes, Total	67	2.0	60.00	0	112	80	120			
Surr: 4-Bromofluorobenzene	23		20.00		114	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSW**	Batch ID: **R82920**	RunNo: **82920**							
Prep Date:	Analysis Date: **11/17/2021**	SeqNo: **2944135**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	80	120			
Toluene	22	1.0	20.00	0	108	80	120			
Ethylbenzene	21	1.0	20.00	0	104	80	120			
Xylenes, Total	64	2.0	60.00	0	107	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		111	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2111759 | RcptNo: 1

Received By: **Isaiah Ortiz** 11/16/2021 7:35:00 AM

Completed By: **Tracy Casarrubias** 11/16/2021 9:18:07 AM

Reviewed By: TO 11/16/21

I-04

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☑ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 11/16/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.6	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: Ksummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.6°C ± 0° (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2111759	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/5/21	12:40	W	MW-88	3x40mL VOA	$HgCl_2$	001	X									
11/15/21	13:50	W	MW-89	3x40mL VOA	$HgCl_2$	002	X									
11/15/21	14:20	W	MW-90	3x40mL VOA	$HgCl_2$	003	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/15/21	1558		Chant Walt		11/15/21	1555
11/15/21	1747	Chant Walt				
				courier	11/16/21	0735

Remarks:
Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

November 29, 2021

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2111819

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 10 sample(s) on 11/17/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **2111819**
Date Reported: **11/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111819
Project: Largo CS

Lab ID: 2111819-001 **Collection Date:** 11/16/2021 8:40:00 AM
Client Sample ID: MW-15 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 3:12:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 3:12:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 3:12:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 3:12:00 PM	R82931
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	11/18/2021 3:12:00 PM	R82931

Lab ID: 2111819-002 **Collection Date:** 11/16/2021 9:10:00 AM
Client Sample ID: MW-14 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 3:32:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 3:32:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 3:32:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 3:32:00 PM	R82931
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/18/2021 3:32:00 PM	R82931

Lab ID: 2111819-003 **Collection Date:** 11/16/2021 9:40:00 AM
Client Sample ID: MW-13 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 3:51:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 3:51:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 3:51:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 3:51:00 PM	R82931
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/18/2021 3:51:00 PM	R82931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111819**
Date Reported: **11/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111819
Project: Largo CS

Lab ID: 2111819-004 **Collection Date:** 11/16/2021 10:20:00 AM
Client Sample ID: MW-6 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 4:11:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 4:11:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 4:11:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 4:11:00 PM	R82931
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	11/18/2021 4:11:00 PM	R82931

Lab ID: 2111819-005 **Collection Date:** 11/16/2021 10:50:00 AM
Client Sample ID: MW-16 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 4:31:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 4:31:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 4:31:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 4:31:00 PM	R82931
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	11/18/2021 4:31:00 PM	R82931

Lab ID: 2111819-006 **Collection Date:** 11/16/2021 11:25:00 AM
Client Sample ID: MW-3R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 4:50:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 4:50:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 4:50:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 4:50:00 PM	R82931
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	11/18/2021 4:50:00 PM	R82931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111819**
Date Reported: **11/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111819
Project: Largo CS

Lab ID: 2111819-007 **Collection Date:** 11/16/2021 12:10:00 PM
Client Sample ID: MW-8 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 5:10:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 5:10:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 5:10:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 5:10:00 PM	R82931
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	11/18/2021 5:10:00 PM	R82931

Lab ID: 2111819-008 **Collection Date:** 11/16/2021 12:45:00 PM
Client Sample ID: MW-9 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 5:29:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 5:29:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 5:29:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 5:29:00 PM	R82931
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	11/18/2021 5:29:00 PM	R82931

Lab ID: 2111819-009 **Collection Date:** 11/16/2021 1:20:00 PM
Client Sample ID: MW-7 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	1.0		µg/L	1	11/18/2021 5:49:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 5:49:00 PM	R82931
Ethylbenzene	ND	1.0		µg/L	1	11/18/2021 5:49:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 5:49:00 PM	R82931
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/18/2021 5:49:00 PM	R82931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111819**
Date Reported: **11/29/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Project: Largo CS
Lab Order: 2111819

Lab ID: 2111819-010
Collection Date: 11/16/2021 2:00:00 PM
Client Sample ID: MW-48
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	22	1.0		µg/L	1	11/18/2021 6:08:00 PM	R82931
Toluene	ND	1.0		µg/L	1	11/18/2021 6:08:00 PM	R82931
Ethylbenzene	5.8	1.0		µg/L	1	11/18/2021 6:08:00 PM	R82931
Xylenes, Total	ND	2.0		µg/L	1	11/18/2021 6:08:00 PM	R82931
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	11/18/2021 6:08:00 PM	R82931

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111819**

29-Nov-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb-water**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBW**	Batch ID: **R82931**	RunNo: **82931**							
Prep Date:	Analysis Date: **11/18/2021**	SeqNo: **2945448**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	22		20.00		111	70	130			

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSW**	Batch ID: **R82931**	RunNo: **82931**							
Prep Date:	Analysis Date: **11/18/2021**	SeqNo: **2945449**	Units: **µg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	111	80	120			
Toluene	23	1.0	20.00	0	114	80	120			
Ethylbenzene	22	1.0	20.00	0	109	80	120			
Xylenes, Total	67	2.0	60.00	0	112	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		110	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2111819 | RcptNo: 1

Received By: **Sean Livingston** 11/17/2021 8:00:00 AM

Completed By: **Tracy Casarrubias** 11/17/2021 9:50:59 AM

Reviewed By: 11/17/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JR 11/17/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande, Suite A
Aztec, NM 87401

Phone #:

email or Fax#: ksummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: K. Summers

Project Manager: LD
05A1226001

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.3+0=1.3°C (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2111819	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/15/21	8:40	W	MW-15	3x40mL VOA	$HgCl_2$	001	X									
11/15/21	9:10	W	MW-14	3x40mL VOA	$HgCl_2$	002	X									
11/15/21	9:40	W	MW-13	3x40mL VOA	$HgCl_2$	003	X									
11/15/21	10:20	W	MW-6	3x40mL VOA	$HgCl_2$	004	X									
11/15/21	10:50	W	MW-16	3x40mL VOA	$HgCl_2$	005	X									
11/15/21	11:25	W	MW-3R	3x40mL VOA	$HgCl_2$	006	X									
11/15/21	12:10	W	MW-8	3x40mL VOA	$HgCl_2$	007	X									
11/16/21	12:45	W	MW-9	3x40mL VOA	$HgCl_2$	008	X									
11/16/21	13:20	W	MW-7	3x40mL VOA	$HgCl_2$	009	X									
11/16/21	14:00	W	MW-48	3x40mL VOA	$HgCl_2$	010	X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
11/16/21	1554				11/16/21	1554
11/16/21	1811			See courier	11/17/21	8:00

Remarks:
Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX (214) 350-2914

RE: Largo CS OrderNo.: 2111897

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 11/18/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **2111897**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111897
Project: Largo CS

Lab ID: 2111897-001 **Collection Date:** 11/17/2021 8:45:00 AM
Client Sample ID: MW-49 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 2:07:18 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 2:07:18 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 2:07:18 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 2:07:18 PM	R8315
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	1	11/29/2021 2:07:18 PM	R8315
Surr: Dibromofluoromethane	98.6	70-130		%Rec	1	11/29/2021 2:07:18 PM	R8315
Surr: Toluene-d8	105	70-130		%Rec	1	11/29/2021 2:07:18 PM	R8315

Lab ID: 2111897-002 **Collection Date:** 11/17/2021 9:25:00 AM
Client Sample ID: MW-53 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 5:27:49 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 5:27:49 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 5:27:49 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 5:27:49 PM	R8315
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/29/2021 5:27:49 PM	R8315
Surr: Dibromofluoromethane	111	70-130		%Rec	1	11/29/2021 5:27:49 PM	R8315
Surr: Toluene-d8	105	70-130		%Rec	1	11/29/2021 5:27:49 PM	R8315

Lab ID: 2111897-003 **Collection Date:** 11/17/2021 10:00:00 AM
Client Sample ID: MW-54 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 5:56:24 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 5:56:24 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 5:56:24 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 5:56:24 PM	R8315
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	11/29/2021 5:56:24 PM	R8315
Surr: Dibromofluoromethane	111	70-130		%Rec	1	11/29/2021 5:56:24 PM	R8315
Surr: Toluene-d8	105	70-130		%Rec	1	11/29/2021 5:56:24 PM	R8315

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111897**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111897
Project: Largo CS

Lab ID: 2111897-004 **Collection Date:** 11/17/2021 10:40:00 AM
Client Sample ID: MW-40R **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 6:24:55 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 6:24:55 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 6:24:55 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 6:24:55 PM	R8315
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	11/29/2021 6:24:55 PM	R8315
Surr: Dibromofluoromethane	112	70-130		%Rec	1	11/29/2021 6:24:55 PM	R8315
Surr: Toluene-d8	105	70-130		%Rec	1	11/29/2021 6:24:55 PM	R8315

Lab ID: 2111897-005 **Collection Date:** 11/17/2021 11:25:00 AM
Client Sample ID: MW-50 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 6:53:21 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 6:53:21 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 6:53:21 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 6:53:21 PM	R8315
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	11/29/2021 6:53:21 PM	R8315
Surr: Dibromofluoromethane	113	70-130		%Rec	1	11/29/2021 6:53:21 PM	R8315
Surr: Toluene-d8	104	70-130		%Rec	1	11/29/2021 6:53:21 PM	R8315

Lab ID: 2111897-006 **Collection Date:** 11/17/2021 12:05:00 PM
Client Sample ID: MW-39 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 7:21:57 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 7:21:57 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 7:21:57 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 7:21:57 PM	R8315
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/29/2021 7:21:57 PM	R8315
Surr: Dibromofluoromethane	114	70-130		%Rec	1	11/29/2021 7:21:57 PM	R8315
Surr: Toluene-d8	103	70-130		%Rec	1	11/29/2021 7:21:57 PM	R8315

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111897**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111897
Project: Largo CS

Lab ID: 2111897-007 **Collection Date:** 11/17/2021 12:55:00 PM
Client Sample ID: MW-51 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 7:50:33 PM	R83156
Toluene	ND	1.0		µg/L	1	11/29/2021 7:50:33 PM	R83156
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 7:50:33 PM	R83156
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 7:50:33 PM	R83156
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	11/29/2021 7:50:33 PM	R83156
Surr: Dibromofluoromethane	114	70-130		%Rec	1	11/29/2021 7:50:33 PM	R83156
Surr: Toluene-d8	107	70-130		%Rec	1	11/29/2021 7:50:33 PM	R83156

Lab ID: 2111897-008 **Collection Date:** 11/17/2021 1:50:00 PM
Client Sample ID: MW-41 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 8:19:12 PM	R83156
Toluene	ND	1.0		µg/L	1	11/29/2021 8:19:12 PM	R83156
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 8:19:12 PM	R83156
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 8:19:12 PM	R83156
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	1	11/29/2021 8:19:12 PM	R83156
Surr: Dibromofluoromethane	115	70-130		%Rec	1	11/29/2021 8:19:12 PM	R83156
Surr: Toluene-d8	107	70-130		%Rec	1	11/29/2021 8:19:12 PM	R83156

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111897**

02-Dec-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **LCSW** Batch ID: **R83156** RunNo: **83156**

Prep Date: Analysis Date: **11/29/2021** SeqNo: **2954357** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	87.3	70	130			
Toluene	21	1.0	20.00	0	103	70	130			
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.2	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.9	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **R83156** RunNo: **83156**

Prep Date: Analysis Date: **11/29/2021** SeqNo: **2954376** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.3		10.00		93.1	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		95.9	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.7	70	130			
Surr: Toluene-d8	11		10.00		108	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2111897 | RcptNo: 1

Received By: **Isaiah Ortiz** 11/18/2021 7:48:00 AM I-OK

Completed By: **Tracy Casarrubias** 11/18/2021 8:37:28 AM

Reviewed By: JR 11/18/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: TMC 11/18/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ■ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.0°C ±0°C (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2111897	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/17/21	8:45	W	MW-49	3x40mL VOA	$HgCl_2$	001	X									
11/17/21	9:25	W	MW-53	3x40mL VOA	$HgCl_2$	002	X									
11/17/21	10:00	W	MW-54	3x40mL VOA	$HgCl_2$	003	X									
11/17/21	10:40	W	MW-40R	3x40mL VOA	$HgCl_2$	004	X									
11/17/21	~~12:00~~ 11:25	W	MW-50	3x40mL VOA	$HgCl_2$	005	X									
11/17/21	12:05	W	MW-39	3x40mL VOA	$HgCl_2$	006	X									
11/17/21	12:55	W	MW-51	3x40mL VOA	$HgCl_2$	007	X									
11/17/21	13:50	W	MW-41	3x40mL VOA	$HgCl_2$	008	X									
~~11/17/21~~		W		~~3x40mL VOA~~	~~$HgCl_2$~~											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/17/21	1745				11/17/21	1745
11/17/21	1906			courier	11/18/21	0748

Remarks:
Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX (214) 350-2914

RE: Largo CS OrderNo.: 2111A10

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 11 sample(s) on 11/19/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order: **2111A10**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111A10
Project: Largo CS

Lab ID: 2111A10-001 **Collection Date:** 11/18/2021 9:20:00 AM
Client Sample ID: MW-43 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 8:47:39 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 8:47:39 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 8:47:39 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 8:47:39 PM	R8315
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/29/2021 8:47:39 PM	R8315
Surr: Dibromofluoromethane	116	70-130		%Rec	1	11/29/2021 8:47:39 PM	R8315
Surr: Toluene-d8	105	70-130		%Rec	1	11/29/2021 8:47:39 PM	R8315

Lab ID: 2111A10-002 **Collection Date:** 11/18/2021 10:10:00 AM
Client Sample ID: MW-38 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 9:16:18 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 9:16:18 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 9:16:18 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 9:16:18 PM	R8315
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	11/29/2021 9:16:18 PM	R8315
Surr: Dibromofluoromethane	117	70-130		%Rec	1	11/29/2021 9:16:18 PM	R8315
Surr: Toluene-d8	107	70-130		%Rec	1	11/29/2021 9:16:18 PM	R8315

Lab ID: 2111A10-003 **Collection Date:** 11/18/2021 10:40:00 AM
Client Sample ID: MW-34 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 9:44:56 PM	R8315
Toluene	ND	1.0		µg/L	1	11/29/2021 9:44:56 PM	R8315
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 9:44:56 PM	R8315
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 9:44:56 PM	R8315
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	11/29/2021 9:44:56 PM	R8315
Surr: Dibromofluoromethane	117	70-130		%Rec	1	11/29/2021 9:44:56 PM	R8315
Surr: Toluene-d8	104	70-130		%Rec	1	11/29/2021 9:44:56 PM	R8315

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111A10**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111A10
Project: Largo CS

Lab ID: 2111A10-004 **Collection Date:** 11/18/2021 11:15:00 AM
Client Sample ID: MW-83 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 10:13:30 PM	R8315€
Toluene	ND	1.0		µg/L	1	11/29/2021 10:13:30 PM	R8315€
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 10:13:30 PM	R8315€
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 10:13:30 PM	R8315€
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	11/29/2021 10:13:30 PM	R8315€
Surr: Dibromofluoromethane	117	70-130		%Rec	1	11/29/2021 10:13:30 PM	R8315€
Surr: Toluene-d8	105	70-130		%Rec	1	11/29/2021 10:13:30 PM	R8315€

Lab ID: 2111A10-005 **Collection Date:** 11/18/2021 11:50:00 AM
Client Sample ID: MW-76 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 10:42:12 PM	R8315€
Toluene	ND	1.0		µg/L	1	11/29/2021 10:42:12 PM	R8315€
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 10:42:12 PM	R8315€
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 10:42:12 PM	R8315€
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	1	11/29/2021 10:42:12 PM	R8315€
Surr: Dibromofluoromethane	114	70-130		%Rec	1	11/29/2021 10:42:12 PM	R8315€
Surr: Toluene-d8	108	70-130		%Rec	1	11/29/2021 10:42:12 PM	R8315€

Lab ID: 2111A10-006 **Collection Date:** 11/18/2021 12:50:00 PM
Client Sample ID: MW-77 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 11:10:47 PM	R8315€
Toluene	ND	1.0		µg/L	1	11/29/2021 11:10:47 PM	R8315€
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 11:10:47 PM	R8315€
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 11:10:47 PM	R8315€
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	11/29/2021 11:10:47 PM	R8315€
Surr: Dibromofluoromethane	113	70-130		%Rec	1	11/29/2021 11:10:47 PM	R8315€
Surr: Toluene-d8	104	70-130		%Rec	1	11/29/2021 11:10:47 PM	R8315€

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111A10**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111A10
Project: Largo CS

Lab ID: 2111A10-007 **Collection Date:** 11/18/2021 1:25:00 PM
Client Sample ID: MW-80 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/29/2021 11:39:22 PM	R83156
Toluene	ND	1.0		µg/L	1	11/29/2021 11:39:22 PM	R83156
Ethylbenzene	ND	1.0		µg/L	1	11/29/2021 11:39:22 PM	R83156
Xylenes, Total	ND	1.5		µg/L	1	11/29/2021 11:39:22 PM	R83156
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	1	11/29/2021 11:39:22 PM	R83156
Surr: Dibromofluoromethane	116	70-130		%Rec	1	11/29/2021 11:39:22 PM	R83156
Surr: Toluene-d8	105	70-130		%Rec	1	11/29/2021 11:39:22 PM	R83156

Lab ID: 2111A10-008 **Collection Date:** 11/18/2021 2:00:00 PM
Client Sample ID: MW-79 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/30/2021 12:07:58 AM	R83156
Toluene	ND	1.0		µg/L	1	11/30/2021 12:07:58 AM	R83156
Ethylbenzene	ND	1.0		µg/L	1	11/30/2021 12:07:58 AM	R83156
Xylenes, Total	ND	1.5		µg/L	1	11/30/2021 12:07:58 AM	R83156
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	1	11/30/2021 12:07:58 AM	R83156
Surr: Dibromofluoromethane	119	70-130		%Rec	1	11/30/2021 12:07:58 AM	R83156
Surr: Toluene-d8	105	70-130		%Rec	1	11/30/2021 12:07:58 AM	R83156

Lab ID: 2111A10-009 **Collection Date:** 11/18/2021 2:25:00 PM
Client Sample ID: MW-75 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/30/2021 12:36:33 AM	R83156
Toluene	ND	1.0		µg/L	1	11/30/2021 12:36:33 AM	R83156
Ethylbenzene	ND	1.0		µg/L	1	11/30/2021 12:36:33 AM	R83156
Xylenes, Total	ND	1.5		µg/L	1	11/30/2021 12:36:33 AM	R83156
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	1	11/30/2021 12:36:33 AM	R83156
Surr: Dibromofluoromethane	118	70-130		%Rec	1	11/30/2021 12:36:33 AM	R83156
Surr: Toluene-d8	106	70-130		%Rec	1	11/30/2021 12:36:33 AM	R83156

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2111A10**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Lab Order:** 2111A10
Project: Largo CS

Lab ID: 2111A10-010 **Collection Date:** 11/18/2021 2:55:00 PM
Client Sample ID: MW-32 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/30/2021 12:27:25 PM	R83191
Toluene	ND	1.0		µg/L	1	11/30/2021 12:27:25 PM	R83191
Ethylbenzene	ND	1.0		µg/L	1	11/30/2021 12:27:25 PM	R83191
Xylenes, Total	ND	1.5		µg/L	1	11/30/2021 12:27:25 PM	R83191
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	11/30/2021 12:27:25 PM	R83191
Surr: Dibromofluoromethane	101	70-130		%Rec	1	11/30/2021 12:27:25 PM	R83191
Surr: Toluene-d8	97.1	70-130		%Rec	1	11/30/2021 12:27:25 PM	R83191

Lab ID: 2111A10-011 **Collection Date:** 11/18/2021 3:50:00 PM
Client Sample ID: MW-52 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/30/2021 1:53:31 PM	R83191
Toluene	ND	1.0		µg/L	1	11/30/2021 1:53:31 PM	R83191
Ethylbenzene	ND	1.0		µg/L	1	11/30/2021 1:53:31 PM	R83191
Xylenes, Total	ND	1.5		µg/L	1	11/30/2021 1:53:31 PM	R83191
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	11/30/2021 1:53:31 PM	R83191
Surr: Dibromofluoromethane	102	70-130		%Rec	1	11/30/2021 1:53:31 PM	R83191
Surr: Toluene-d8	98.2	70-130		%Rec	1	11/30/2021 1:53:31 PM	R83191

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111A10**

02-Dec-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R83156**	RunNo: **83156**
Prep Date:	Analysis Date: **11/29/2021**	SeqNo: **2954357** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	17	1.0	20.00	0	87.3	70	130			
Toluene	21	1.0	20.00	0	103	70	130			
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.2	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.9	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R83156**	RunNo: **83156**
Prep Date:	Analysis Date: **11/29/2021**	SeqNo: **2954376** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.3		10.00		93.1	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		95.9	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.7	70	130			
Surr: Toluene-d8	11		10.00		108	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R83191**	RunNo: **83191**
Prep Date:	Analysis Date: **11/30/2021**	SeqNo: **2955404** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	70	130			
Toluene	21	1.0	20.00	0	107	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		99.8	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.6	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.1	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R83191**	RunNo: **83191**
Prep Date:	Analysis Date: **11/30/2021**	SeqNo: **2955405** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111A10**

02-Dec-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R83191**	RunNo: **83191**
Prep Date:	Analysis Date: **11/30/2021**	SeqNo: **2955405** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2111A10 | RcptNo: 1

Received By: **Sean Livingston** 11/19/2021 8:00:00 AM

Completed By: **Isaiah Ortiz** 11/19/2021 9:52:17 AM

Reviewed By: IO 11/19/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: 11/19/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.9	Good	Not Present			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A122601

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 1.1 - 0.2 = 0.9 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2111A10	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/18/21	9:20	W	MW-43		$HgCl_2$ 3x40mL VOA	001	X									
11/18/21	10:10	W	MW-38		$HgCl_2$ 3x40mL VOA	002	X									
11/18/21	10:40	W	MW-34		$HgCl_2$ 3x40mL VOA	003	X									
11/18/21	11:15	W	MW-83		$HgCl_2$ 3x40mL VOA	004	X									
11/18/21	11:50	W	MW-76		$HgCl_2$ 3x40mL VOA	005	X									
11/18/21	12:50	W	MW-77		$HgCl_2$ 3x40mL VOA	006	X									
11/18/21	13:25	W	MW-80		$HgCl_2$ 3x40mL VOA	007	X									
11/18/21	14:00	W	MW-79		$HgCl_2$ 3x40mL VOA	008	X									
11/18/21	14:25	W	MW-75		$HgCl_2$ 3x40mL VOA	009	X									
11/18/21	14:55	W	MW-32		$HgCl_2$ 3x40mL VOA	010	X									
11/18/21	15:50	W	MW-52		$HgCl_2$ 3x40mL VOA	011	X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
11/18/21	1703				11/18/21	1703
11/18/21	1846		See courier		11/19/21	8:00

Remarks:
Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

ENSOLUM

APPENDIX E

2021 Annual Remediation System Operations Report

SOLI technical

February 17, 2022

Mr. Kyle Summers
Ensolum, LLC
606 South Rio Grande, Suite A
Aztec, New Mexico 87410

Subject: **Annual Remediation System Operations Report**
Largo Compressor Station
Bloomfield, New Mexico

Dear Mr. Summers,

Soli Technical, LLC (Soli) is providing this annual operations and maintenance (O&M) report for the remediation system at the above-referenced site. This report provides a summary of remediation system operations through December 31, 2021.

Design and Installation

As detailed on previous reports, soil vapor extraction (SVE) pilot testing was conducted on July 25 and 26, 2017, to evaluate the technology as an option for the remediation of soil and groundwater at Area 1 of the Largo Compressor Station (Site). The results of the SVE pilot test were presented in the *Soil Remediation Plan Amendment*, dated August 14, 2017, demonstrating that soil in the vadose zone and smear zone could be feasibly remediated using SVE at the Site. The intent to achieve full remediation of saturated zone soil and groundwater led to a remedy design including a full-scale SVE system coupled with air sparging to depths of known saturated zone soil impacts, as documented in the *Soil Vapor Extraction and Air Sparging Work Plan*, dated September 15, 2017.

Installation of the SVE and air sparge system began in April 2018 with the installation of seven SVE wells and six air sparge wells. A list of wells and screen intervals is included in **Table 1**. Underground piping was installed to connect remediation wells to the planned remediation system enclosure. The system enclosure includes a positive-displacement SVE blower, moisture knockout tank, and manifold to allow individual flow and vacuum control for each SVE well. The enclosure also includes a rotary vane air sparge compressor, support equipment, and manifold to allow individual flow and pressure control for each air sparge well. An independent electrical spur and final system installation was completed in August 2019. Remediation system startup was performed in December 2019

Remediation System Operation, Maintenance, and Emissions Monitoring

Remediation system operational data are presented in **Tables 2 through 4**. SVE well flow rates are generally maintained between 10 and 30 cubic feet per minute (cfm) at applied vacuums between 10 and 20 inches of water column (inWC). The total SVE system flow rate is generally in the range of 150 to 200 cfm. SVE flows and vacuums are intentionally kept near the low range of reasonable operation to minimize water entrainment and maximize continuous run time. The SVE system is designed to operate 24 hours per day.

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Air sparge well flow rates are generally maintained between 2 and 10 cfm at applied pressures between 8 and 14 pounds per square inch (psi). In 2021, the total air sparge system flow rate was generally in the range of 30 to 40 cfm. System flow rates are influenced by changing water table elevations (impacting available screen intervals and head resistance to flow), water entrainment, and operational temperatures. The air sparge system is designed to cycle on for 15 to 30 minutes within each 2-hour period. Cycling of the sparge wells encourages mixing within the saturated zone and reduces the prevalence of flow channeling that might otherwise negatively affect radius of influence.

Emissions from the SVE system have been monitored on a consistent schedule since startup on December 12, 2019. Laboratory samples were collected at startup, monthly during the first quarter of system operation, and quarterly since then, per industry standard. Hydrocarbon concentrations in SVE offgas were initially 9,780 milligrams per cubic meter (mg/m^3), and have declined to a concentration of 1.5 mg/m^3 after approximately two years of operation. Total emissions during 2021 were calculated to be approximately 392 pounds of hydrocarbons, as presented in the **Table 5** and **Chart 1**.

Routine operations and maintenance visits are scoped approximately once per month. System alarm conditions and notifications are relayed to project personnel via a remote telemetry cellular interface.

Sincerely,

W.W. Catt Wilson, P.E.
Principal Engineer

Enclosures, as noted above

TABLE 1

Well Screen Data

Well	Screen length per log (ft)	Total depth (ft btoc)	Depth to water (ft btoc) at startup
SVE-1	15.00	20.89	19.51
SVE-2	15.00	20.87	19.43
SVE-3	15.00	20.54	19.52
SVE-4	15.00	20.80	19.54
SVE-5	15.00	21.00	18.78
SVE-6	15.00	20.81	18.82
SVE-7	15.00	20.67	19.30
AS-1	2.00	26.54	18.92
AS-2	2.00	26.51	18.82
AS-3	2.00	26.66	18.68
AS-4	2.00	25.68	18.85
AS-5	2.00	26.19	18.64
AS-6	2.00	27.11	18.51

Notes:

btoc	below top of casing
ft	feet

TABLE 2

Control Panel Settings

Date	Time	SVE hour meter	SVE timer setting	AS hour meter	AS Sol. 1 hour meter	AS Sol. 1 setting	AS Sol. 2 hour meter	AS Sol. 2 setting
12/12/2019	830	32646.9	24hr	31413.6	31409.7	24hr	31405.9	24hr
1/20/2020	1140	33495.5	24hr	32261.7	32257.8	24hr	32254.1	24hr
2/18/2020	920	34189.0	24hr	32953.9	32950.1	30 min on, 90 min off	32946.4	30 min on, 90 min off
5/6/2020	1230	34299.0	24hr	32989.5	32998.6	30 min on, 90 min off	32975.4	30 min on, 90 min off
6/24/2020	820	35468.0	24hr	33345.9	33259.8	30 min on, 90 min off	33264.1	30 min on, 90 min off
8/18/2020	820	36459.7	24hr	33646.5	33496.8	30 min on, 90 min off	33508.3	30 min on, 90 min off
9/22/2020	1205	36541	24hr	33671.6	33543	30 min on, 90 min off	33556.3	30 min on, 90 min off
10/21/2020	930	37,234	24hr	33,842	--	30 min on, 90 min off	--	30 min on, 90 min off
12/8/2020	810	38,386	24hr	34,124	33990	30 min on, 90 min off	34014	30 min on, 90 min off
3/23/2021	1050	40,581	24hr	34,661	34521	30 min on, 90 min off	34557	30 min on, 90 min off
6/15/2021	830	42,453	24hr	35,559	34966	30 min on, 90 min off	35015	30 min on, 90 min off
9/28/2021	820	43,658	24hr	36,130	35489	30 min on, 90 min off	35553	30 min on, 90 min off
12/14/2021	940	45,272	24hr	36,905	35874	15 min on, 105 min off	35947	15 min on, 105 min off

Notes:

AS	air sparge
hr	hour
Sol.	solenoid
SVE	soil vapor extraction
--	reading not taken

TABLE 3

SVE Operational Data

Date	Time	Run time meter	KO Inlet Vac. (in WC)	Blower Inlet Vac. (in WC)	Disch. Temp. (F)	KO Flow (cfm)	Disch. Flow (cfm)	Total PID	SVE-1			SVE-2			SVE-3			SVE-4			SVE-5			SVE-6			SVE-7		
									Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID
12/12/2019	840	32647	32	43	100	225	250	369.1	20	24	381.5	18	23	384.7	19	24	105.4	20	10	163.3	18	18	174.0	18	37	744.7	10	20	605.6
1/20/2020	1140	33496	36	46	105	200	250	186	16	16	--	18	28	--	22	27	--	17	8	--	18	23	--	13	33	--	10	20	--
2/18/2020	920	34189	32	35	90	260	250	98	32	36	277.4	26	37	38.4	16	27	13.7	28	19	97.4	22	20	1.0	16	34	53.6	20	24	106.2
5/6/2020	1115	34299	16	25	102	150	265	250	18	13	--	19	23	--	13	23	--	18	8	--	17	16	--	17	31	--	5	16	--
6/24/2020	1110	35471	39	50	132	150	240	37.6	21	12	120.8	20	23	54.2	20	48	20.1	10	20	82.0	20	20	9.9	20	45	45.0	20	39	99.7
8/18/2020	1108	36460	30	40	130	175	250	70.6	14	15	26.2	18	22	30.6	18	32	52.9	17	9	198	18	16	85.6	16	37	85	17	23	87.3
9/22/2020	1211	36541	30	40	105	175	250	--	18	14	--	16	22	--	18	38	--	16	8	--	14	10	--	17	39	--	16	30	--
10/21/2020	930	37234	35	40	100	180	250	28.3	19	15	203.1	19	22	131.1	18	39	30.6	18	9	39.7	15	11	0	19	37	84.3	18	32	39.8
12/8/2020	1104	38386	30	42	80	190	250	22.6	18	12	15.4	12	20	16.0	10	28	1.6	19	10	94.6	17	14	18.6	12	24	19.7	16	30	42
3/23/2021	1050	40580	31	40	90	200	250	19.4	19	10	161.1	21	30	25.7	20	36	20	18	9	126.2	20	15	4.1	18	42	25	20	40	38.3
6/15/2021	920	42454	28	38	120	200	250	27.5	20	8	20.2	20	27	11.3	18	42	60	20	10	133	20	16	3.1	20	46	29.5	20	43	35.6
9/28/2021	850	43658	32	38	170	150	250	15	20	5	14.5	16	23	14.0	16	30	10.1	18	5	93	18	14	14.2	16	37	13.9	12	20	16.8
12/14/2021	905	45272	30	38	80	180	250	0	20	5	0.3	20	30	0.0	18	39	0	15	5	1	19	12	0.1	16	39	0.1	16	31	0.3
12/14/2021	935	45272	32	40	100	155	250	--	16	5	--	16	23	--	16	35	--	16	2	--	16	8	--	16	41	--	16	28	--

Notes:

cfm	cubic feet per minute
Disch.	discharge
F	degrees fahrenheit
inWC	inches of water column
KO	flow measured at knockout tank (pre bleed)
PID	hydrocarbon vapor concentration by photoionization detector
SVE	soil vapor extraction well
Temp.	temperature
Vac.	vacuum
--	reading not taken

TABLE 4

Air Sparge Operational Data

Date	Time	Run time meter	Outlet Temp. (F)	Outlet Press. (psi)	Right Manifold Press. (psi)	Left Manifold Press. (psi)	Main Flow (cfm)	Cumulative manifold flow (cfm)	AS-1		AS-2		AS-3		AS-4		AS-5		AS-6	
									Flow	Press.	Flow	Press.	Flow	Press.	Flow	Press.	Flow	Press.	Flow	Press.
12/12/2019	830	31414	175	10.5	--	--	45	36-39	8	7.5	5-6	5.5	5-6	6.9	6-7	7.5	6	5.5	6	7
1/20/2020	1140	32262	190	10.6	11.5	10.6	45	35.5	6.5	7.5	5.5	5	5.5	7	6.5	7.7	5	6.1	6.5	6.8
2/18/2020	950	32954	170	9.4	9.4	8.5	46	39	8.3	6.3	5	4.5	6.7	5.2	7.5	6.4	5.5	5	6	5.6
5/6/2020	1200	32998	130	12.5	12.7	--	39	12.5	--	--	3	10	5.5	9	--	--	--	--	4	10.5
5/6/2020	1215	32999	140	11	--	10	36	16	7	8.2	--	--	--	--	4	9.5	5	7.5	--	--
6/24/2020	850	33346	82	11	11.9	11	32	--	0	10.9	0	10.6	0	10.4	5.1	10	0	10.4	0	10.7
6/24/2020	1205	--	--	--	--	--	--	--	<5	--	<5	--	0	--	--	--	<5	--	<5	--
8/18/2020	1130	33646	90	11	11	8.5	29	19.5	2	13	2.5	12	3	12.6	2	11	7	8	3	12.5
9/22/2020	1219	33672	80	11	--	10.4	36	16.5	4	9.9	--	--	--	--	6	10	6.5	9.5	--	--
9/22/2020	1219	33672	80	12.5	12.5	--	34	15.5	--	--	2	11.5	8.5	11	--	--	--	--	5	11.5
10/21/2020	930	33842	--	--	--	--	--	--	0	8.5	7.5	8.2	1.5	8.5	10.5	8.5	1	8.5	4	8.5
12/8/2020	810	34124	160	10.5	11	10	37	24.5	2	9.5	8	9.8	2	10	8.5	10	1	10	3	10
3/23/2021	1050	34661	60	11.7	11.5	11	38/35	37	3	10.9	6.5	10	11.5	9.6	11	11	1	11	4	10.5
6/15/2021	1140	35559	100	12.2/11.1	11.2	11.6	37/36	38.1	3.5	11	8.5	9	9.1	9.4	11	11.4	3	11	3	10.2
9/28/2021	1028	36130	--	13.5/11.5	11.5	13	37/34	38	4	12.7	10	10	8.5	10	7.5	13.2	4	12.8	4	10.5
9/28/2021	1230	36130	140	13.8/11.1	11.5	13.3	37/36	34	5	12.7	8.5	9.8	7.5	10	5	13.4	4	13	4	10
12/14/2021	945	36905	40	13.5/12.0	12.4	13	40/34	31.5	4	12.6	8	13.2	0	0	5	13.2	9.5	12.7	5	13.2

Notes:

AS	air sparge well
cfm	cubic feet per minute
F	degrees fahrenheit
Press.	pressure
psi	pounds per square inch
Temp.	temperature
Vac.	vacuum
--	reading not taken

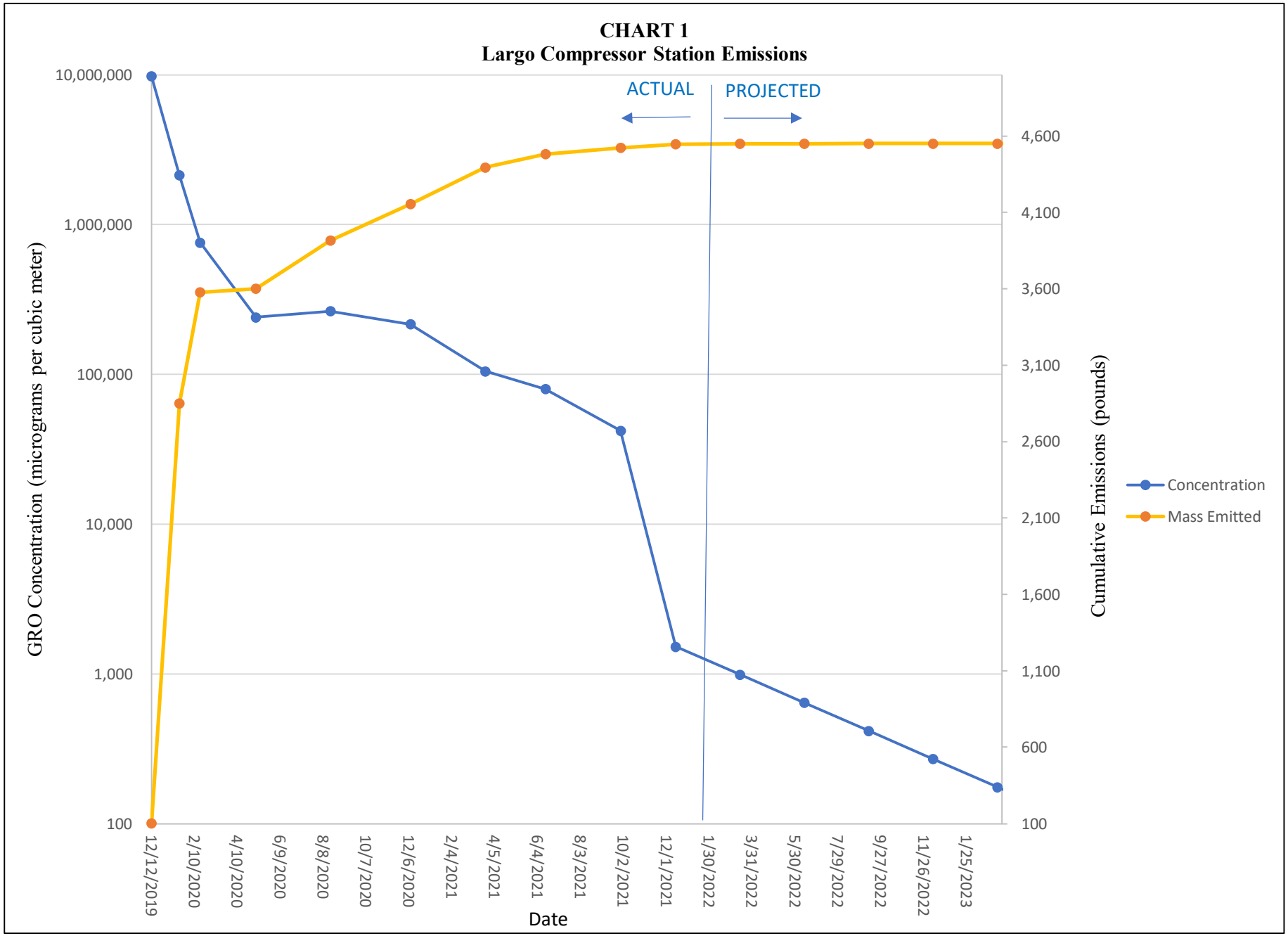
TABLE 5
Emissions Data

Date	SVE hour meter reading	Run Time (hours)	GRO conc (ug/m^3)	Flow Rate (cfm)	Emitted GRO within period (lbs)	Cumulative GRO emitted (lbs)
12/12/2019	32647	19	9,780,000	146	102	102
1/20/2020	33496	868	2,140,000	145	2748	2,850
2/18/2020	34189	1561	759,000	193	727	3,577
5/6/2020	34299	1671	241,000	119	25	3,601
8/18/2020	36460	3832	264,000	154	315	3,916
12/8/2020	38386	5758	216,000	138	239	4,155
3/23/2021	40580	7952	105,000	182	240	4,395
6/15/2021	42453	9825	79,900	134	87	4,482
9/28/2021	43658	11030	42,000	150	41	4,523
12/14/2021	45272	12644	1,520	180	24	4,547
3/14/2022	projected	14804	987	150	2	4,549
6/12/2022	projected	16964	641	150	1	4,550
9/10/2022	projected	19124	416	150	1	4,550
12/9/2022	projected	21284	270	150	0	4,551
3/9/2023	projected	23444	175	150	0	4,551
6/7/2023	projected	25604	114	150	0	4,551
9/5/2023	projected	27764	74	150	0	4,551
12/4/2023	projected	29924	48	150	0	4,551
3/3/2024	projected	32084	31	150	0	4,551
6/1/2024	projected	34244	20	150	0	4,551

Notes:

cfm	cubic feet per minute
GRO	gasoline range organics
lbs	pounds
ug/m^3	micrograms per cubic meter

CHART 1
Largo Compressor Station Emissions



Submittal2:
Supplemental Environmental Site Investigation and 2022 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report (Ensolum, May 4, 2023)

ENSOLUM

Supplemental Environmental Site Investigation and 2022 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report

Property:

Largo Compressor Station
NE ¼ and SE ¼, S15 T26N R7W
Rio Arriba County, New Mexico

New Mexico EMNRD OCD RP No. 3RP-1001, AP No. 128
Incident ID No. NBP0802953108

May 4, 2023

Ensolum Project No. 05A1226001

Prepared for:

Enterprise Field Services, LLC
P.O. Box 4324
Houston, Texas 77210-4324
Attn: Mr. Gregory E. Miller, PG

Prepared by:

Ranee Deechilly
Project Manager

Kyle Summers
Senior Managing Geologist

Executive Summary

This report documents the most recent supplemental environmental site investigation (SESI) activities and the 2022 groundwater monitoring and soil vapor extraction (SVE) emissions sampling results for the Largo Compressor Station site, referred to hereinafter as the "Site". The Site is a natural gas compressor station utilized to dehydrate and compress natural gas collected from production wells in the area for transportation via pipeline. The Site was constructed in the mid-1960s and is located off County Road (CR) 379 in Section 15, Township 26 North, Range 7 West in Rio Arriba County, New Mexico (NM).

Site Background

During January 2008, a natural gas condensate release occurred at a condensate storage tank battery (Area 1 - Former Condensate Storage Tank Area). The release was subsequently reported to the NM Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD). Initial response activities included soil boring installation and sampling to evaluate the extent of impact (*Geoprobe Investigation at Largo Compressor Station,* Lodestar Services Inc., May 2008). Results from the initial investigation indicated constituent of concern (COC) concentrations in soil and groundwater above the NM EMNRD OCD closure criteria and the NM Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs). The condensate tanks (formerly located near groundwater monitoring well MW-7) were permanently removed from the facility and replaced by a new condensate storage tank battery at a new location approximately 550 feet southeast of the original tanks.

During June 2009, potential petroleum hydrocarbon impact was discovered during construction at the new condensate storage tank battery in Area 2 (Former Valve Box Area), resulting in the removal of impacted soils. During July 2009, historical petroleum hydrocarbon impact was discovered in Area 3 (Retention Pond Area) during the construction of a stormwater retention pond. Analytical results of soil and groundwater samples collected from the retention pond excavation indicated COC concentrations above NM EMNRD OCD closure criteria for soil and above applicable WQCC GQSs for groundwater. In addition, soil samples collected from four test pits advanced outside the retention pond excavation exhibited COC concentrations above the NM EMNRD OCD closure criteria.

Supplemental excavation, delineation, remediation, and groundwater sampling activities were performed between March/April 2008 and October 2020 in Areas 1 through 4, as documented in the following reports:

- *Report of Subsurface Investigation at Largo Compressor Station*, Lodestar Services, Inc., November 30, 2009
- *General Report EPCO Largo Station Summary Report,* Souder, Miller & Associates, January 10, 2010
- *Interim Remedial Investigation Report*, LT Environmental, Inc., (LTE), May 15, 2010
- *Groundwater Sampling Report*, LTE, September 10, 2010
- *Environmental Site Investigation*, Southwest Geoscience, March 24, 2011
- *Corrective Action Pilot Study Report*, Southwest Geoscience, October 10, 2011
- *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)*, Southwest Geoscience, June 31, 2012
- *Supplemental Site Investigation Report – (November 2012 and January 2013),* Southwest Geoscience, February 22, 2013
- *Remediation Plan (Corrective Action Status Report) Largo Compressor Station*, Southwest Geoscience, March 19, 2014

- *Annual Groundwater Monitoring Report (April and October 2014 Sampling Events and Supplemental Site Investigation Report*, Apex, April 13, 2015
- *Interim Corrective Action (Area 3) and Treated Soil Sampling (Area 1) Report*, Apex, July 14, 2016
- *Soil Remediation Plan*, Apex, May 11, 2017
- *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action,* Apex, August 14, 2017
- *Revised Largo Compressor Station Stage 1 Abatement Plan*, Ensolum, LLC (Ensolum), May 22, 2019
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021
- *2021 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report*, Ensolum, March 30, 2022

During September 2021 supplemental environmental site investigation (SESI) activities were initiated in Area 3 (Retention Pond Area). Groundwater sampling events were conducted by Ensolum during February 2022 (new monitoring wells only), April 2022, and October 2022. Findings based on the most recent SESI and 2022 groundwater sampling data, and Area 1 remediation activities are as follows:

SESI (September and December 2021)

- Nine soil borings were advanced in Area 3, with eight of the borings completed as groundwater monitoring wells. Twenty-nine soil samples were collected and submitted for laboratory analysis. Three soil boring samples (MW-33R (15'-16'), MW-35R (15'-16'), and MW-48R (10') exhibited total combined total petroleum hydrocarbon (TPH) gasoline range organics (GRO), diesel range organics (DRO), and motor oil/lube oil range organics (MRO) concentrations above the applicable NM EMNRD OCD soil closure criteria of 100 milligrams per kilogram (mg/kg). In addition, soil sample MW-48R (10') exhibited a total benzene, toluene, ethylbenze, and total xylenes (BTEX) concentration above the applicable NM EMNRD OCD soil closure criteria of 50 mg/kg. All other soil samples collected from soil borings/well borings did not exhibit COC concentrations above the NM EMNRD OCD soil closure criteria.

Groundwater Monitoring

- The groundwater flow direction at the Site is generally towards the northwest, with an apparent average gradient of 0.003 feet per foor (ft/ft) across the Site.

- Benzene was reported at a concentration exceeding the former NM WQCC GQS of 10 micrograms per liter (µg/L) in the groundwater samples collected from monitoring wells MW-33R, MW-35R, and MW-48R during the February 2022 sampling event. The groundwater samples collected from the remaining monitoring wells during the February 2022 sampling event did not indicate COC concentrations above the applicable WQCC GQSs (see footnote in report).

- The groundwater samples collected from the monitoring wells during the April 2022 sampling event did not indicate COC concentrations above the WQCC GQSs (see footnote in report).

- Benzene was reported at a concentration exceeding the former NM WQCC GQS of 10 µg/L in the groundwater samples collected from monitoring wells MW-33R, MW-35R, and MW-48R during the October 2022 sampling event. The groundwater samples collected from the remaining monitoring wells during the October 2022 sampling event did not indicate COC concentrations above the applicable WQCC GQSs (see footnote in report).

Soil and Groundwater Remediation (Area 1)

- Soil vapor extraction (SVE) emission samples were collected on a quarterly basis from March to December 2022. Based on analytical results, volatile organic compound (VOC) concentrations increased during September 2022, but had resumed a decreasing trend following the December sampling event.

Ensolum offers the following recommendations based on the available data:

- Report the SESI, groundwater monitoring, and SVE monitoring data to the NM EMNRD OCD.
- Continue the SVE and air sparge (AS) activities to further reduce COC concentrations in Area 1 soils and groundwater.
- Continue groundwater monitoring at the Site.
- Evaluate obtaining drilling rig access to MW-55 to allow replacement of the damaged well (the location is currently inaccessible due to terrain/erosion).
- After the Stage 1 Abatement Plan has been fully approved and implemented, prepare a Stage 2 Abatement Plan, if required.

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1.0 INTRODUCTION

This report documents the most recent supplemental environmental site investigation (SESI) activities, 2022 groundwater monitoring events, and soil vapor extraction (SVE) emissions monitoring conducted at the Largo Compressor Station site, referred to hereinafter as the "Site".

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Largo Compressor Station
NM EMNRD OCD Incident ID No.	NBP0802953108
Location:	36.4855° North, 107.5578° West Northeast (NE) and Southeast (SE) Quarter (¼), Section 15 Township 26 North, Range 7 West Off County Road (CR) 379 Rio Arriba County, New Mexico
Property:	Enterprise and Private Land (John and Patricia Berry)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

The Site is a natural gas compressor station designed to dehydrate and compress natural gas gathered from production wells in the area for transportation via pipeline. The Site was constructed in the mid-1960s and currently includes two compressor engines, a dehydration unit and related treater, one bullet storage tank, a condensate storage tank battery containing seven tanks, inlet scrubbers, a control room, a stormwater retention pond, and an office/shop building.

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** of **Appendix A**. The locations of the environmental monitoring wells and remediation system are depicted on **Figure 3** in relation to pertinent Site features and general Site boundaries.

The areas of known or potential impact at the Site have been previously designated as Areas 1 through 4 in prior New Mexico EMNRD OCD correspondence. Each of the areas is depicted on **Figure 3** in relation to pertinent Site features and general Site boundaries. These areas are briefly described below:

Area 1 (Former Condensate Storage Tank Area)
Area 1 is defined as the northwestern portion of the Site. This area includes the former condensate storage tank battery associated with on-going investigation/monitoring and/or corrective actions since a release from a condensate storage tank valve was reported to the New Mexico EMNRD OCD in January 2008. The former condensate storage tanks were removed from Area 1 during July/August 2012. During the summer and fall of 2013, Enterprise removed hydrocarbon-affected soils from the former tank battery footprint. The SVE and air sparge (AS) system (installed during 2018) was placed into service during 2019. Additional detail regarding the investigations and corrective actions at Area 1 are documented in the following reports:

- *Report of Subsurface Investigation at Largo Compressor Station*, Lodestar Services, Inc., November 30, 2009
- *Interim Remedial Investigation Report*, LT Environmental, Inc. (LTE), May 15, 2010
- *Groundwater Sampling Report*, LTE, September 10, 2010

- *Environmental Site Investigation – Largo Compressor Station (GW-211)*, Southwest Geoscience (SWG), March 24, 2011
- *Corrective Action Pilot Study Report*, SWG, October 10, 2011
- *Remediation Plan (Corrective Action Status Report) Largo Compressor Station,* SWG, March 19, 2014
- *Annual Groundwater Monitoring Report (April and October 2014 Sampling Events) and Supplemental Site Investigation Report*, Apex TITAN, Inc., (Apex), April 13, 2015
- *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action*, Apex, August 14, 2017
- *Revised Largo Compressor Station Stage 1 Abatement Plan*, Ensolum, LLC (Ensolum), May 22, 2019
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021
- *2021 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report*, Ensolum, March 30, 2022

Area 2 (Former Valve Box Area)

Area 2 includes the current condensate storage tank battery and the immediate surrounding area. This area is in the north central portion of the Site, immediately south of CR 379. During the construction of the new tank battery in June 2009, petroleum hydrocarbon-affected soils were encountered in association with a former valve box and related appurtenances. These impacts were subsequently remediated. Additional details regarding previous investigations and corrective actions at Area 2 are documented in the following reports:

- *Environmental Site Investigation – Largo Compressor Station (GW-211)* (SWG, March 24, 2011)
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021

Area 3 (Retention Pond Area)

Area 3 encompasses the east portion of the Site including the stormwater retention pond. Petroleum hydrocarbon-affected soil and groundwater were identified during the construction of the retention pond in July 2009, which may have originated from historic oil and contact water treatment and/or storage in the area of the current retention pond. Area 3 soil removal activities were completed during 2019. Additional details regarding previous investigations and corrective actions at Area 3 are documented in the following reports:

- *Environmental Site Investigation – Largo Compressor Station (GW-211)*, SWG, March 24, 2011
- *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)*, SWG, June 31, 2012
- *Supplemental Site Investigation Report – (November 2012 and January 2013)*, SWG, February 22, 2013
- *Interim Corrective Action (Area 3) and Treated Soil Sampling (Area 1) Report,* Apex, July 14, 2016
- *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action,* Apex, August 14, 2017
- *Revised Largo Compressor Station Stage 1 Abatement Plan*, Ensolum, May 22, 2019
- *2020 Interim Remediation and Groundwater Monitoring Report*, Ensolum, June 28, 2021
- *2021 Groundwater Monitoring and Soil Vapor Extraction Emissions Sampling Report*, Ensolum, March 30, 2022

Area 4 (Compression and Dehydration Area)

Area 4 comprises the remainder of the Site, which includes the active compression and treatment area with two compressor engines, a dehydration unit and related inlet scrubbers. Soil and groundwater investigation activities conducted in Area 4 are documented in the following reports:

- *Environmental Site Investigation – Largo Compressor Station (GW-211)*, SWG, March 24, 2011
- *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report (April 2012)*, SWG, June 31, 2012

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

1.2 Chronology of Events

Significant events and Site activities, including environmental investigations and corrective actions completed prior to this reporting period, are listed chronologically in **Appendix B**.

1.3 Project Objectives

The objectives of the SESI, groundwater monitoring, and SVE emissions monitoring activities were to i) replace the monitoring wells that were removed during the 2017-2019 soil remediation, ii) further evaluate the concentrations of COCs in soil and groundwater, and iii) to evaluate the efficiency of the Area 1 SVE/AS remediation system.

2.0 SUPPLEMENTAL ENVIRONMENTAL SITE INVESTIGATION (SEPTEMBER AND DECEMBER 2021)

During September 2021, SESI activities were initiated in Area 3 (Retention Pond Area). Prior to drilling, each soil boring location was “daylighted” to ten feet below grade surface (bgs) utilizing a hydro-excavation vacuum truck. Nine soil borings were sampled during hydro-excavation utilizing a hand auger (from four feet bgs to ten feet bgs). A hollow-stem auger (HSA) drilling rig advanced the borings from ten feet bgs to termination. **Figure 4** (**Appendix A**) identifies the approximate soil boring/well sample locations. Regulatory correspondence is provided in **Appendix C**.

2.1 Soil Sampling Program

Soil samples were collected utilizing a hand auger or a five-foot core barrel sampler. Samples and drill cuttings were screened for visual and olfactory evidence of petroleum hydrocarbon impact. A field soil headspace analysis was conducted on each available soil sample interval by placing a representative portion of the sample into a plastic Ziploc® bag. The plastic bag was sealed, and the sample allowed to volatilize. The air above the sample, the headspace, was then evaluated using a photoionization detector (PID) capable of detecting volatile organic compounds (VOCs). The PID was calibrated utilizing an isobutylene standard prior to use in the field. PID readings of samples measured from the soil borings ranged from zero parts per million by volume (ppmv) to 3,726 ppmv (MW-48R @ 10’). The field screening results are presented on the soil boring logs included in **Appendix D**.

During the completion of each soil boring, an Ensolum professional documented the subsurface lithology, color, moisture content, and indication of impairment. A continuous profile of the soil

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

column encountered from the ground surface to the boring terminus was prepared. Soil samples from each boring location were visually inspected and classified in the field. The lithologies observed during the advancement of soil borings generally consisted of sand, clayey sand, sandy silt, silty sand, and silty clay. Detailed lithologic descriptions are presented on the soil boring logs included in **Appendix D**.

Up to five soil samples were collected for laboratory analysis from each soil boring. Samples were selected for analysis based on one or more of the following parameters:

- The depth interval exhibiting the highest concentration of VOCs based on PID screening evidence;
- An interval exhibiting visual/olfactory evidence of impairment;
- The capillary fringe zone;
- From a change in lithology; or,
- From the bottom of the boring.

All analytical soil samples were placed in laboratory prepared glassware. Sample containers were labeled and sealed using the laboratory supplied labels and custody seals and were stored on ice in a cooler. The samples were relinquished to the courier for Hall Environmental Analysis Laboratory (HEAL) of Albuquerque, New Mexico, under proper chain-of-custody procedures.

Drill cuttings were contained in drums and transported to the Envirotech, Inc (Envirotech) landfarm near Hilltop, New Mexico for remediation/disposal. The executed C-138 solid waste acceptance form is provided in **Appendix E**.

2.2 Monitoring Well Installation

Eight soil borings were completed as two-inch permanent groundwater monitoring wells. The monitoring wells were completed using the following methodology:

- Installation of 10 feet of two-inch diameter, 0.010-inch machine-slotted polyvinyl chloride (PVC) well screen with a threaded bottom cap;
- Installation of two-inch inside diameter, threaded flush joint PVC riser pipe to above the ground surface;
- Addition of pre-sieved, 10/20 grade, annular silica sand pack from the bottom of the soil boring to one to three feet above the top of the well screen;
- Placement of hydrated bentonite above the sand pack; and,
- Installation of an above-grade, steel, protective riser with an integrated padlock hasp and concrete well pad.

The well completion details are presented on the soil boring logs included in **Appendix D**. The monitoring wells were permitted and approved by the New Mexico OSE. The approved permits are provided in **Appendix F**.

2.3 Soil Laboratory Analytical Methods

The soil samples collected during the SESI activities were analyzed for total petroleum hydrocarbon (TPH) gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO) utilizing United States (U.S.) Environmental Protection Agency (EPA) SW-846 Method# 8015; benzene, toluene, ethylbenzene, and total xylenes (BTEX) utilizing EPA SW-846 Method #8021 or #8260; and chloride utilizing EPA Method #300.0.

A summary of the analytes, sample type, and U.S. EPA or other approved methods is presented in the following table:

Analytes	Sample Type	No. of Samples	Method
BTEX	Soil	29	SW-846 8021/8260
TPH GRO/DRO/MRO	Soil	29	SW-846 8015
Chlorides	Soil	29	Method 300.0

2.4 Soil Data Evaluation

Ensolum compared the BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with soil samples collected from MW-33R, MW-35R, MW-36R, MW-37R, MW-48R, SB-122/MW-122, SB-123/MW-123, SB-124/MW-124, and SB-125 to the New Mexico EMNRD OCD closure criteria. All soil analytical data collected to date is presented in **Table 1** (**Appendix G**).

- The laboratory analytical results for soil samples MW-33R (15'-16') and MW-48R (10') indicate benzene concentrations of 0.32 mg/kg and 0.69 mg/kg, respectively, which are less than the applicable New Mexico EMNRD OCD closure criteria of 10 mg/kg. The laboratory analytical results for all other soil samples collected from the borings/monitoring wells indicate benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable New Mexico EMNRD OCD closure criteria of 10 mg/kg.

- The laboratory analytical result for soil sample MW-48R (10') indicates a total BTEX concentration of 77 mg/kg, which exceeds the applicable New Mexico EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for soil samples MW-33R (15'-16'), MW-35R (15'-16'), and SB-122/MW-122 (2') indicate total BTEX concentrations of 7.3 mg/kg, 0.71 mg/kg, and 0.15 mg/kg, respectively, which are less than the applicable New Mexico EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for all other soil samples collected from the borings/monitoring wells indicate that total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable New Mexico EMNRD OCD closure criteria of 50 mg/kg.

- The laboratory analytical results for soil samples MW-33R (15'-16'), MW-35R (15'-16'), and MW-48R (10') indicate total combined TPH GRO/DRO/MRO concentrations of 580 mg/kg, 310 mg/kg, and 2,400 mg/kg, respectively, which exceed the applicable New Mexico EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for soil samples MW-33R (5'), SB-122/MW-122 (2'), and SB-123/MW-123 (14'-15') indicate combined TPH GRO/DRO/MRO concentrations of 58 mg/kg, 4.9 mg/kg, and 68 mg/kg, respectively, which are less than the applicable New Mexico EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for all other soil samples collected from the borings/monitoring wells indicate total combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable New Mexico EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical results for soil samples MW-36R (5'-6'), MW-36R (12'-14')), and MW-48R (7') indicate chloride concentrations of 140 mg/kg, 82 mg/kg, and 71 mg/kg, respectively, which are less than the applicable New Mexico EMNRD OCD closure criteria of 600 mg/kg. The laboratory analytical results for all other soil samples collected from the borings/monitoring wells indicate chloride is not present at concentrations greater than the

laboratory PQLs/RLs, which are less than the applicable New Mexico EMNRD OCD closure criteria of 600 mg/kg.

- The following data qualifiers were associated with the soil analytical data collection in 2021:

Data Qualifier Flags		
Sample IDs	**Data Qualifier Flags**	**Comments/Reactions**
MW-35R @ 15'-16'	SW-846 Method 8015 Gasoline Range Organics Surrogate Recovery was outside the accepted recovery limits.	The TPH data is suitable for use as a positive indicator that GRO range organics are present. The GRO surrogate recovery was outside the acceptable recovery range due to matrix interference.
MW-35R @ 15'-16'	SW-846 Method 8021 BTEX Surrogate Recovery was outside the accepted recovery limits.	The BTEX data is suitable for use as an estimated value. The BTEX Surrogate recovery was outside the acceptable recovery range due to matrix interference.
MW-33R @ 15'-16'	SW-846 Method 8015 Gasoline Range Organics Surrogate Recovery was outside the accepted recovery limits.	The TPH data is suitable for use as a positive indicator that GRO range organics are present. The GRO surrogate recovery was outside the acceptable recovery range due to matrix interference.

3.0 GROUNDWATER MONITORING (FEBRUARY, APRIL, AND OCTOBER 2022)

3.1 Groundwater Sampling Program

Ensolum conducted groundwater sampling events during February, April, and October 2022. During the February 2022 sampling, only the newly installed monitoring wells were sampled. During the April 2022 sampling, all viable monitoring wells except the new/replacement monitoring wells were sampled. During October 2022 sampling, all viable monitoring wells (old and new/replacement wells) were sampled.

Monitoring well MW-47 was not sampled as this well was destroyed in 2016. The casing of monitoring well MW-55 is obstructed and has not been sampled since May 2018. An inspection of the well during October 2018, indicates the well screen is damaged. Monitoring well MW-42 was also not sampled due to an obstruction in the well casing. Of the monitoring wells not sampled, MW-47 is the sole well historically impacted by petroleum hydrocarbons. As this well was located on an active production well pad, the well was not replaced at the original location. As a replacement for monitoring well MW-47, three down-gradient wells (MW-88, MW-89, and MW-90) were installed at the edge of the production pad in 2014. Further, it is unclear if the impact historically observed at MW-47 was associated with the Enterprise Area 1 release.

The groundwater sampling program consisted of the following:

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

- Each viable two-inch diameter 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 during each event.

- 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) are typically maintained during the low-flow/low-stress sampling activities, using dedicated or decontaminated sampling equipment.

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

- The casing of monitoring well MW-75 is approximately 1.5-inches in diameter, which does not permit the use of the bladder pump for sampling. As a result, this monitoring well was purged until effectively dry utilizing a disposable bailer. Subsequent to the completion of the purging process and the recovery of groundwater to near static levels, one groundwater sample was collected from the monitoring well during each event.

- Groundwater samples were collected in laboratory supplied containers (pre-preserved by the laboratory with mercuric chloride ($HgCl_2$)). The containers were labeled and sealed using the laboratory supplied labels and custody seals and were stored on ice in a cooler. The groundwater samples were relinquished to the courier for HEAL of Albuquerque, New Mexico under proper chain-of-custody procedures.

3.2 Groundwater Laboratory Analytical Methods

The groundwater samples collected from the monitoring wells during the February, April, and October 2022 sampling events were analyzed for BTEX utilizing US EPA SW-846 Method #8260.

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

Analyte	Sample Type	No. of Samples Feb / Apr / Oct	Method
BTEX	Groundwater	8 / 31 / 39	SW-846 8260

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

3.3 Groundwater Flow Direction

Each monitoring well has been surveyed to determine top-of-casing (TOC) elevations. Prior to sample collection, Ensolum gauged the depth to fluids in each monitoring well utilizing an interface probe capable of detecting phase-separated hydrocarbon (PSH). PSH was not detected in any of the sampled monitoring wells during this reporting period. The groundwater flow direction at the Site is generally toward the northwest, with an apparent average gradient of approximately 0.003 feet per foot (ft/ft) across the Site.

Groundwater measurements collected during the 2022 gauging events (as well as historical gauging data) are presented in **Table 3** (**Appendix G**). Groundwater gradient maps prepared from the 2022 gauging event are included as **Figure 5A**, **Figure 5B**, and **Figure 5C** (**Appendix A**).

3.4 Groundwater Data Evaluation

Ensolum compared the BTEX laboratory analytical results or laboratory PQLs/RLs associated with the groundwater samples collected during February, April, and October 2022 to the New Mexico WQCC GQSs.[1] The results of the analyses are summarized in **Table 2** of **Appendix G**. A Groundwater Analytical Data Map is provided as **Figure 6A** of **Appendix A**, and groundwater quality standard exceedance zone maps are provided as **Figure 6B** and **Figure 6C** of **Appendix A**.

February 2022

- The Feburary 2022 analytical results for monitoring wells MW-33R, MW-35R, and MW-48R indicate benzene concentrations of 250 micrograms per liter (µg/L), 47 µg/L, and 32 µg/L, respectively, which exceed the WQCC GQS of 10 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate benzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 10 µg/L.[1]

- The Feburary 2022 analytical result for monitoring well MW-48R indicates a toluene concentration of 130 µg/L, which is below the WQCC GQS of 750 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate toluene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The Feburary 2022 analytical results for monitoring wells MW-33R, MW-35R, and MW-48R indicate ethylbenzene concentrations of 99 µg/L, 31 µg/L, and 16 µg/L, respectivley, which are below the WQCC GQS of 750 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate ethylbenzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The Feburary 2022 analytical results for monitoring wells MW-33R and MW-48R indicate total xylenes concentrations of 380 µg/L and 200 µg/L, respectivley, which are below the WQCC GQS of 620.[1] The analytical results for the remaining monitoring wells do not indicate total xylenes concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 620 µg/L.[1]

- No data qualifier flags are associated with the February 2022 analytical results.

April 2022

- The April 2022 analytical results for the monitoring wells do not indicate benzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 10 µg/L.[1]

- The April 2022 analytical results for the monitoring wells do not indicate toluene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

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

- The April 2022 analytical results for the monitoring wells do not indicate ethylbenzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The April 2022 analytical results for the monitoring wells do not indicate total xylenes concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 620 µg/L.[1]

- No data qualifier flags are associated with the April 2022 analytical results.

October 2022

- The October 2022 analytical results for monitoring wells MW-33R, MW-35R, and MW-48R indicate benzene concentrations of 45 µg/L, 42 µg/L, and 32 µg/L, respectively, which exceed the WQCC GQS of 10 µg/L.[1] The analytical results for monitoring wells MW-3R, MW-37R, and MW-51 indicate benzene concentrations of 1.1 µg/L, 2.0 µg/L, and 2.7 µg/L, which are below the WQCC GQS of 10 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate benzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 10 µg/L.[1]

- The October 2022 analytical results for all monitoring wells do not indicate toluene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The October 2022 analytical results for monitoring wells MW-33R, MW-35R, MW-48R, and MW-51 indicate ethylbenzene concentrations of 37 µg/L, 5.6 µg/L, 29 µg/L, and 12 µg/L, respectivley, which are below the WQCC GQS of 750 µg/L.[1] The analytical results for the remaining monitoring wells do not indicate ethylbenzene concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 750 µg/L.[1]

- The October 2022 analytical results for monitoring wells MW-35R, MW-48R, and MW-51 indicate total xylenes concentrations of 6.8 µg/L, 15 µg/L, and 4.6 µg/L, respectivley, which are below the WQCC GQS of 620.[1] The analytical results for the remaining monitoring wells do not indicate total xylenes concentrations above the laboratory PQLs/RLs, which are below the WQCC GQS of 620 µg/L.[1]

- The following data qualifiers were assoicated with the October 2022 data:

Data Qualifier Flags		
Sample IDs	**Data Qualifier Flags**	**Comments/Reactions**
MW-34 (collected 10/27/22)	SW-846 Method 8260 BTEX Surrogate Recovery was outside the accepted recovery limits.	The BTEX data is suitable for use as an estimated value. The BTEX Surrogate recovery was slightly outside the acceptable recovery range due to matrix interference.
MW-53 (collected 10/26/22)	SW-846 Method 8260 BTEX Surrogate Recovery was outside the accepted recovery limits.	The BTEX data is suitable for use as an estimated value. The BTEX Surrogate recovery was slightly outside the acceptable recovery range due to matrix interference.

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

Data Qualifier Flags		
Sample IDs	**Data Qualifier Flags**	**Comments/Reactions**
MW-83 (collected 10/27/22)	SW-846 Method 8260 BTEX Surrogate Recovery was outside the accepted recovery limits.	The BTEX data is suitable for use as an estimated value. The BTEX Surrogate recovery was slightly outside the acceptable recovery range due to matrix interference.

4.0 SOIL VAPOR EXTRACTION EMISSIONS MONITORING (AREA 1)

Soli Technical, LLC (Soli) conducted quarterly emissions sampling during March, June, September, and December 2022. During each event, a sample was collected from the SVE discharge and submitted for laboratory analysis for BTEX and TPH GRO. The sample collected in March 2022 exhibited a TPH GRO concentration of 94,700 micrograms per cubic meter (µg/m³). Following nine months of SVE/AS system operation, the TPH GRO concentration decreased to 43,100 µg/m³ (December 2022). VOC concentrations increased to 234,000 µg/m³ during September of 2022, but resumed a downward trend with the December sampling data. Details are provided in the *Annual Remediation System Operations Report* – 2022 (Soli, January 11, 2023) that is included in **Appendix I**.

5.0 FINDINGS

Based on the evaluation of the analytical results from the SESI, groundwater monitoring, and Area 1 remediation activities, Ensolum presents the following findings:

SESI (September and December 2021)

- Nine soil borings were advanced in Area 3 and eight of the borings were completed as permanent groundwater monitoring wells. Twenty-nine soil samples were collected and submitted for laboratory analysis. Three soil boring samples (MW-33R (15'-16'), MW-35R (15'-16'), and MW-48R (10')) exhibited total combined TPH GRO/DRO/MRO concentrations above the applicable New Mexico EMNRD OCD soil closure criteria of 100 mg/kg. In addition, soil sample MW-48R (10') exhibited a total BTEX concentration above the applicable New Mexico EMNRD OCD soil closure criteria of 50 mg/kg. These exceedances were primarily associated with the capillary fringe zone.

- All other soil samples collected from soil borings/well borings installed during 2021 did not exhibit COC concentrations above the New Mexico EMNRD OCD soil closure criteria.

Groundwater Monitoring

- The groundwater flow direction at the Site is generally towards the northwest, with an apparent average gradient of 0.003 ft/ft across the Site.

- Benzene was reported at a concentration exceeding the New Mexico WQCC GQS of 10 µg/L in the groundwater samples collected from monitoring wells MW-33R, MW-35R, and MW-48R during the February 2022 sampling event.[1] The groundwater samples collected from the remaining monitoring wells during the February 2022 sampling event did not indicate COC

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

concentrations above the applicable WQCC GQSs.[1]

- The groundwater samples collected from the monitoring wells during the April 2022 sampling event did not indicate COC concentrations above the WQCC GQSs.[1]

- Benzene was reported at a concentration exceeding the New Mexico WQCC GQS of 10 µg/L in the groundwater samples collected from monitoring wells MW-33R, MW-35R, and MW-48R during the October 2022 sampling event.[1] The groundwater samples collected from the remaining monitoring wells during the October 2022 sampling event did not indicate COC concentrations above the applicable WQCC GQSs.[1]

Soil and Groundwater Remediation (Area 1)

- SVE emission samples were collected on a quarterly basis from March to December 2022. Based on analytical results, VOC concentrations increased during September 2022, but concentations decreased in December 2022 and continue to support a declining trend over time.

6.0 RECOMMENDATIONS

Based on the results of the SESI activities, groundwater monitoring, and Area 1 remediation activities, Ensolum has the following recommendations:

- Report the SESI, groundwater monitoring, and SVE monitoring data to the NM EMNRD OCD.

- Continue the SVE and AS activities to further reduce COC concentrations in Area 1 soils and groundwater.

- Continue groundwater monitoring at the Site.

- Evaluate obtaining drilling rig access to MW-55 to allow replacement of the damaged well (the location is currently inaccessible due to terrain/erosion).

- After the Stage 1 Abatement Plan has been fully approved and implemented, prepare a Stage 2 Abatement Plan, if required.

7.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

7.1 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).

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

7.2 Limitations

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

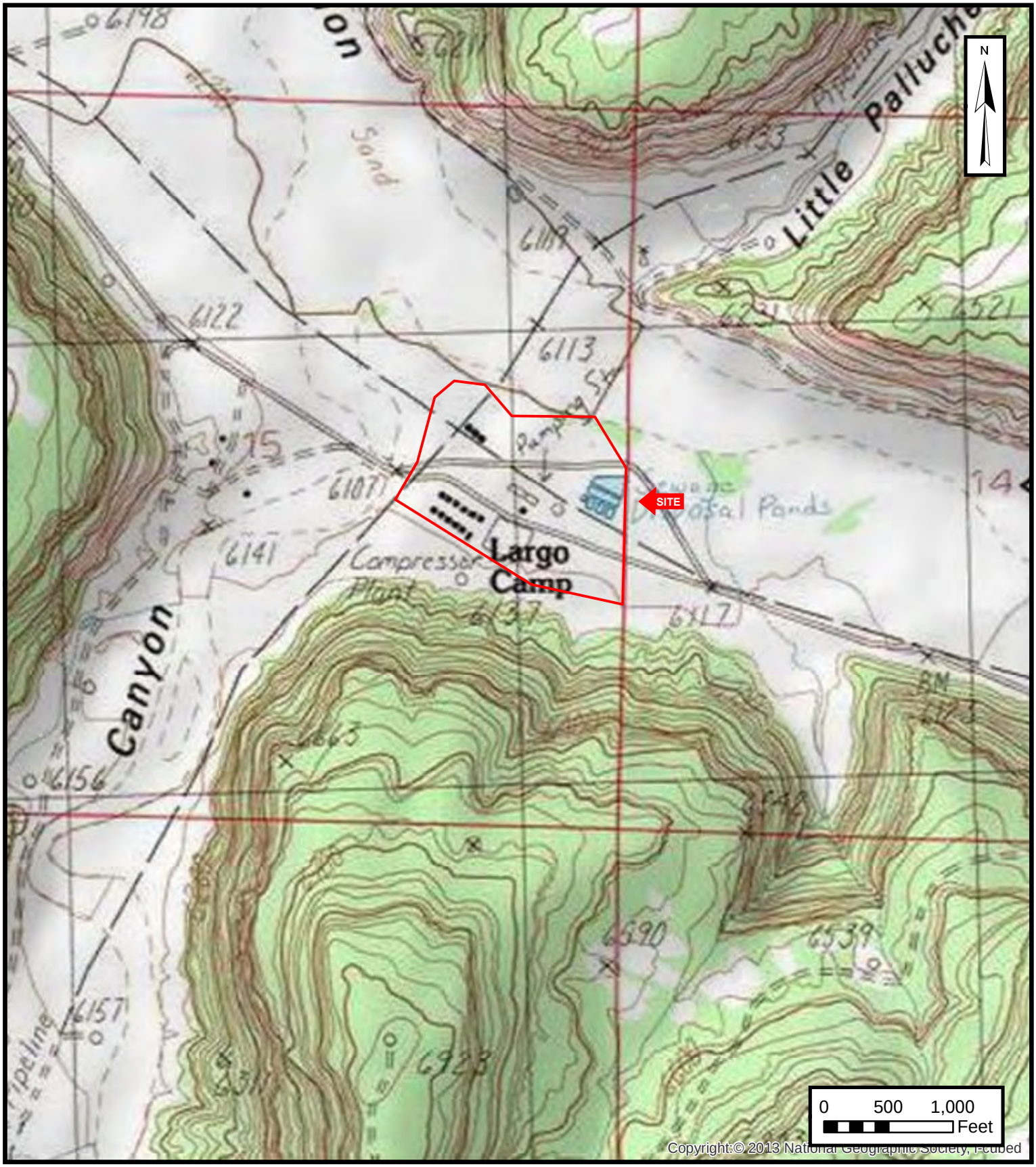
7.3 Reliance

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



ENSOLUM
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TOPOGRAPHIC MAP

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION
NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

PROJECT NUMBER: 05A1226001

FIGURE

1

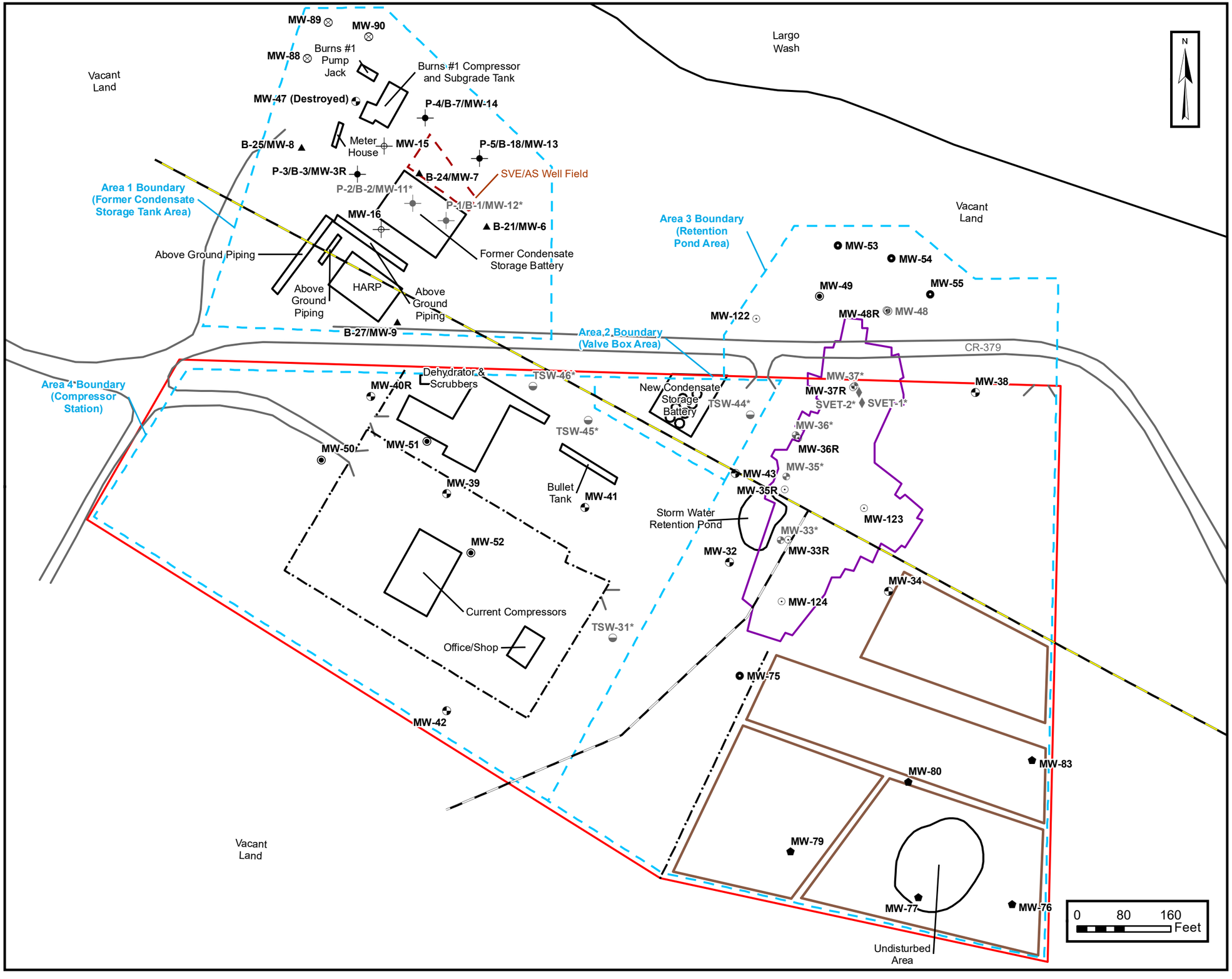
ENSOLUM
Environmental & Hydrogeologic Consultants

SITE VICINITY MAP

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION
NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

PROJECT NUMBER: 05A1226001

FIGURE
2



LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Ensolum (September/Decemeber 2021)
- Monitoring Well Installed by Apex (August 2014)
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- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Trunk K Pipeline
- Well Tie

NOTE:
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring wella were plugged and abandoned.

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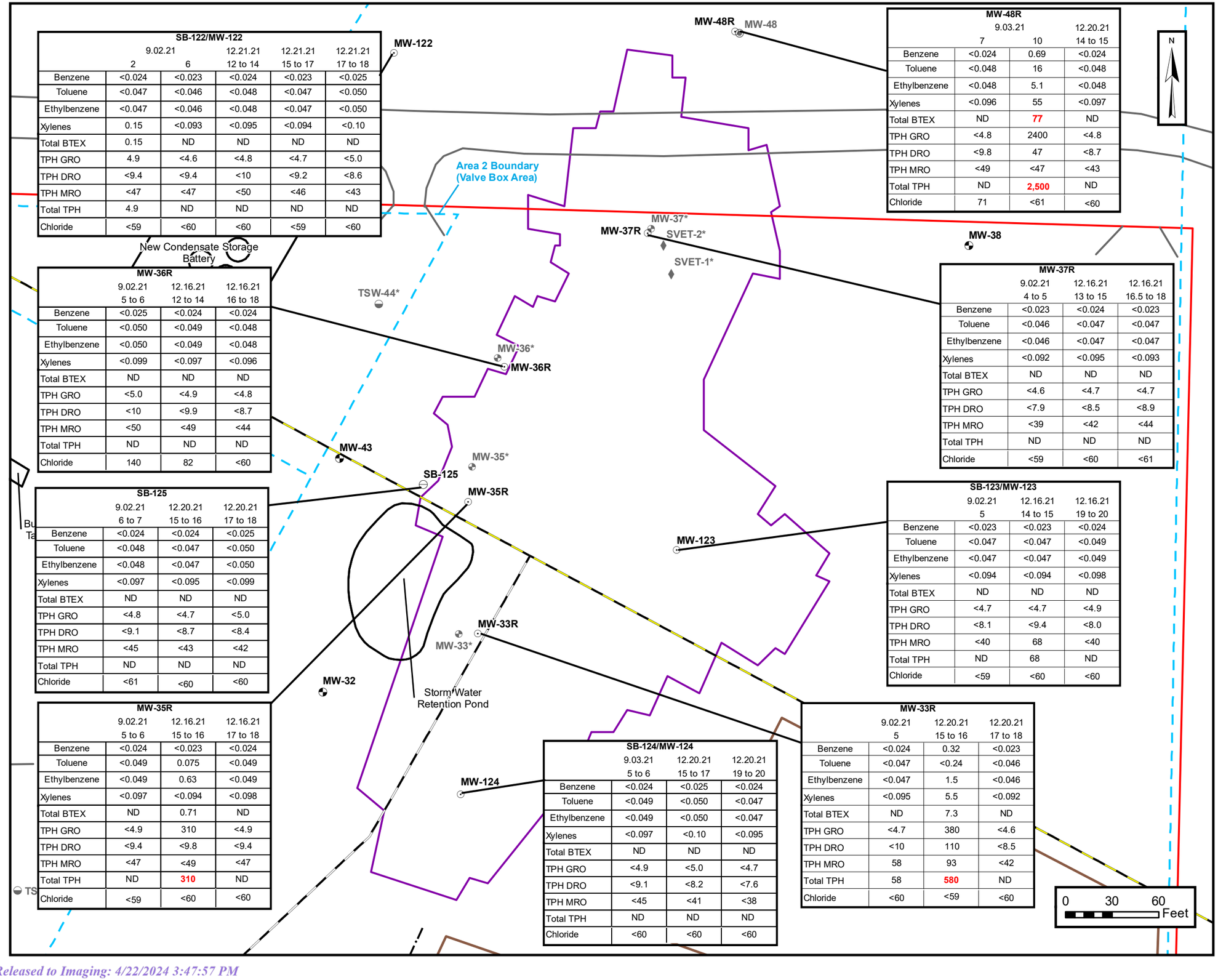
SITE MAP

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
3

Ensolum Project No : 05A1226001



SB-122/MW-122

	9.02.21 2	9.02.21 6	12.21.21 12 to 14	12.21.21 15 to 17	12.21.21 17 to 18
Benzene	<0.024	<0.023	<0.024	<0.023	<0.025
Toluene	<0.047	<0.046	<0.048	<0.047	<0.050
Ethylbenzene	<0.047	<0.046	<0.048	<0.047	<0.050
Xylenes	0.15	<0.093	<0.095	<0.094	<0.10
Total BTEX	0.15	ND	ND	ND	ND
TPH GRO	4.9	<4.6	<4.8	<4.7	<5.0
TPH DRO	<9.4	<9.4	<10	<9.2	<8.6
TPH MRO	<47	<47	<50	<46	<43
Total TPH	4.9	ND	ND	ND	ND
Chloride	<59	<60	<60	<59	<60

MW-48R

	9.03.21 7	9.03.21 10	12.20.21 14 to 15
Benzene	<0.024	0.69	<0.024
Toluene	<0.048	16	<0.048
Ethylbenzene	<0.048	5.1	<0.048
Xylenes	<0.096	55	<0.097
Total BTEX	ND	77	ND
TPH GRO	<4.8	2400	<4.8
TPH DRO	<9.8	47	<8.7
TPH MRO	<49	<47	<43
Total TPH	ND	2,500	ND
Chloride	71	<61	<60

MW-36R

	9.02.21 5 to 6	12.16.21 12 to 14	12.16.21 16 to 18
Benzene	<0.025	<0.024	<0.024
Toluene	<0.050	<0.049	<0.048
Ethylbenzene	<0.050	<0.049	<0.048
Xylenes	<0.099	<0.097	<0.096
Total BTEX	ND	ND	ND
TPH GRO	<5.0	<4.9	<4.8
TPH DRO	<10	<9.9	<8.7
TPH MRO	<50	<49	<44
Total TPH	ND	ND	ND
Chloride	140	82	<60

MW-37R

	9.02.21 4 to 5	12.16.21 13 to 15	12.16.21 16.5 to 18
Benzene	<0.023	<0.024	<0.023
Toluene	<0.046	<0.047	<0.047
Ethylbenzene	<0.046	<0.047	<0.047
Xylenes	<0.092	<0.095	<0.093
Total BTEX	ND	ND	ND
TPH GRO	<4.6	<4.7	<4.7
TPH DRO	<7.9	<8.5	<8.9
TPH MRO	<39	<42	<44
Total TPH	ND	ND	ND
Chloride	<59	<60	<61

SB-125

	9.02.21 6 to 7	12.20.21 15 to 16	12.20.21 17 to 18
Benzene	<0.024	<0.024	<0.025
Toluene	<0.048	<0.047	<0.050
Ethylbenzene	<0.048	<0.047	<0.050
Xylenes	<0.097	<0.095	<0.099
Total BTEX	ND	ND	ND
TPH GRO	<4.8	<4.7	<5.0
TPH DRO	<9.1	<8.7	<8.4
TPH MRO	<45	<43	<42
Total TPH	ND	ND	ND
Chloride	<61	<60	<60

SB-123/MW-123

	9.02.21 5	12.16.21 14 to 15	12.16.21 19 to 20
Benzene	<0.023	<0.023	<0.024
Toluene	<0.047	<0.047	<0.049
Ethylbenzene	<0.047	<0.047	<0.049
Xylenes	<0.094	<0.094	<0.098
Total BTEX	ND	ND	ND
TPH GRO	<4.7	<4.7	<4.9
TPH DRO	<8.1	<9.4	<8.0
TPH MRO	<40	68	<40
Total TPH	ND	68	ND
Chloride	<59	<60	<60

MW-35R

	9.02.21 5 to 6	12.16.21 15 to 16	12.16.21 17 to 18
Benzene	<0.024	<0.023	<0.024
Toluene	<0.049	0.075	<0.049
Ethylbenzene	<0.049	0.63	<0.049
Xylenes	<0.097	<0.094	<0.098
Total BTEX	ND	0.71	ND
TPH GRO	<4.9	310	<4.9
TPH DRO	<9.4	<9.8	<9.4
TPH MRO	<47	<49	<47
Total TPH	ND	310	ND
Chloride	<59	<60	<60

SB-124/MW-124

	9.03.21 5 to 6	12.20.21 15 to 17	12.20.21 19 to 20
Benzene	<0.024	<0.025	<0.024
Toluene	<0.049	<0.050	<0.047
Ethylbenzene	<0.049	<0.050	<0.047
Xylenes	<0.097	<0.10	<0.095
Total BTEX	ND	ND	ND
TPH GRO	<4.9	<5.0	<4.7
TPH DRO	<9.1	<8.2	<7.6
TPH MRO	<45	<41	<38
Total TPH	ND	ND	ND
Chloride	<60	<60	<60

MW-33R

	9.02.21 5	12.20.21 15 to 16	12.20.21 17 to 18
Benzene	<0.024	0.32	<0.023
Toluene	<0.047	<0.24	<0.046
Ethylbenzene	<0.047	1.5	<0.046
Xylenes	<0.095	5.5	<0.092
Total BTEX	ND	7.3	ND
TPH GRO	<4.7	380	<4.6
TPH DRO	<10	110	<8.5
TPH MRO	58	93	<42
Total TPH	58	580	ND
Chloride	<60	<59	<60

LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Soil Boring (September/December 2021)
- Monitoring Well Installed by Ensolum (Sepetember/December 2021)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Trunk K Pipeline
- Well Tie

NOTE:
All depths are listed in feet.
All concentrations are listed in mg/Kg.
Concentrations in **red** exceed the applicable NM EMNRD OCD Closure Criteria.
Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring wells were plugged and abandoned.

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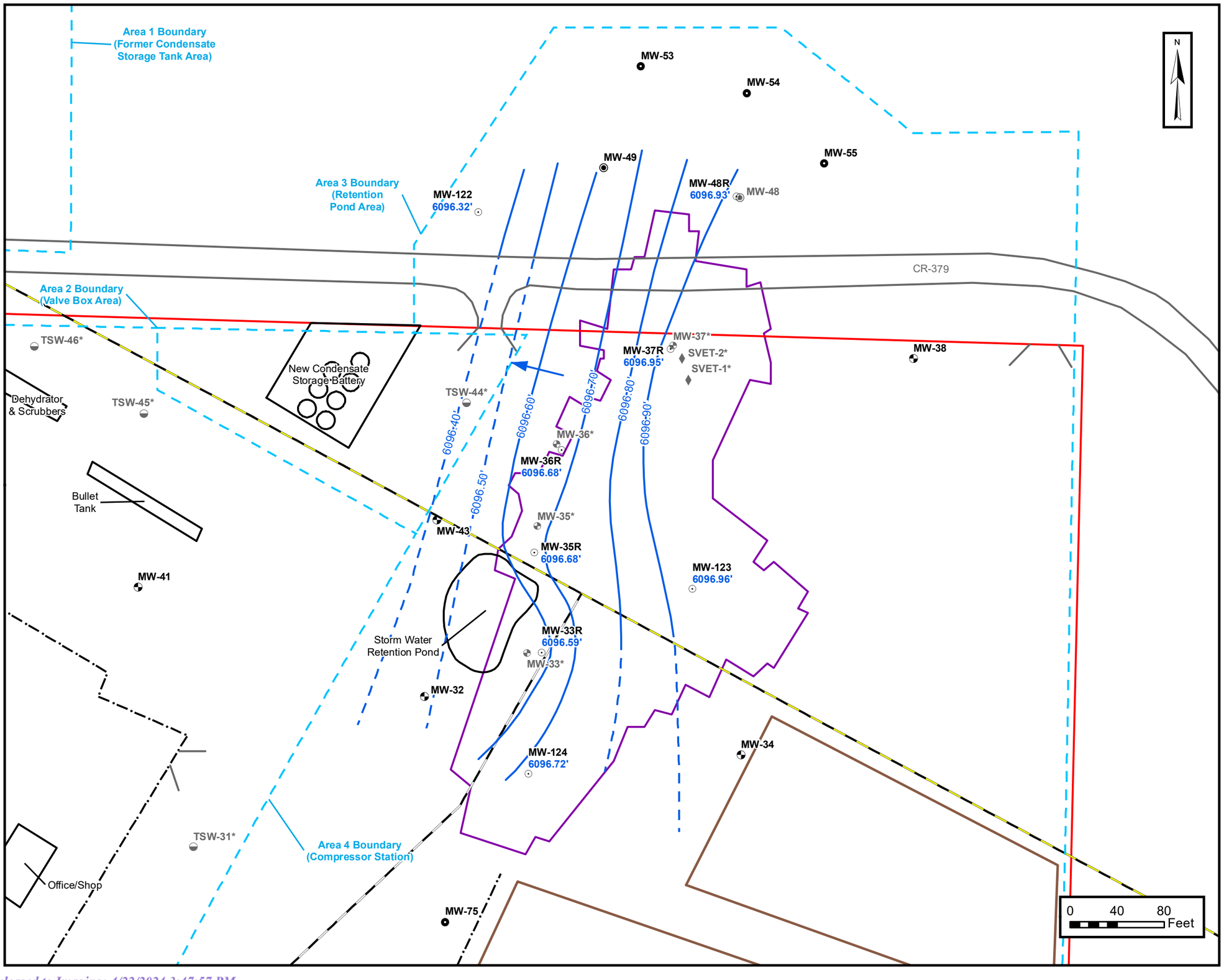
2021 SOIL BORING/MONITORING WELL LOCATIONS WITH SOIL ANALYTICAL RESULTS

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
4

Ensolum Project No : 05A1226001



LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Ensolum (September/December 2021)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Groundwater Contour Line (Contour Interval = 0.1')
- Inferred Groundwater Contour Line
- Groundwater Flow Direction
- Trunk K Pipeline
- Well Tie

NOTE:
All groundwater elevations are in **blue** and list in feet.
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring wells were plugged and abandoned.

ENSOLUM
Environmental & Hydrogeologic Consultants

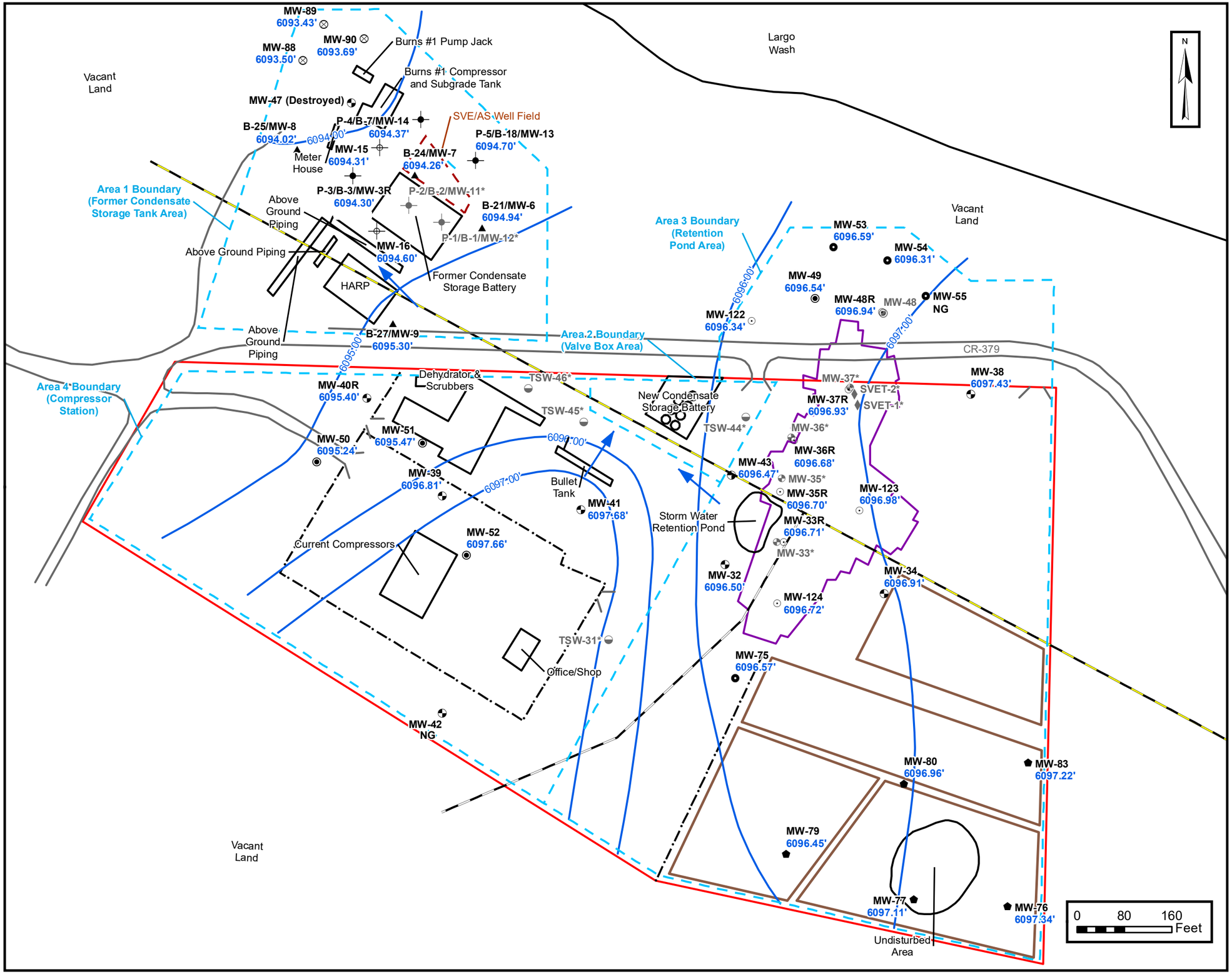
GROUNDWATER GRADIENT MAP (FEBRUARY 2022)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
5A

Ensolum Project No : 05A1226001



LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Ensolum (September/December 2021)
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Groundwater Contour Line (Contour Interval = 1.00')
- Groundwater Flow Direction
- Trunk K Pipeline
- Well Tie

NOTE:
All groundwater elevations are in **blue** and list in feet.
NG - not gauged
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring wells were plugged and abandoned.

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Environmental & Hydrogeologic Consultants

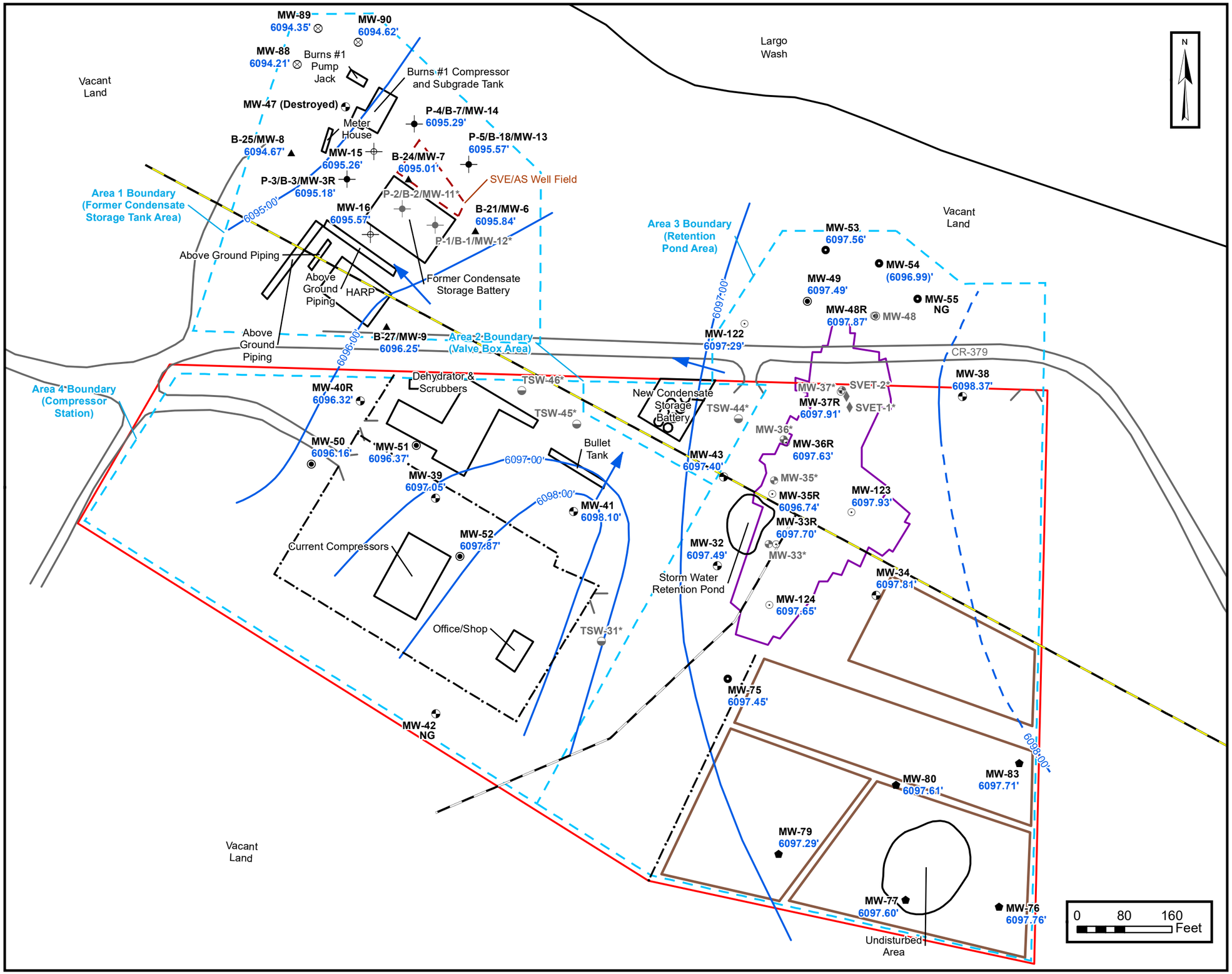
GROUNDWATER GRADIENT MAP (APRIL 2022)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
5B

Ensolum Project No : 05A1226001



LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Ensolum (September/December 2021)
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
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- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Groundwater Contour Line (Contour Interval = 1.00')
- Inferred Groundwater Contour Line
- Groundwater Flow Direction
- Trunk K Pipeline
- Well Tie

NOTE:
All groundwater elevations are in blue and list in feet.
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring wells were plugged and abandoned.

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

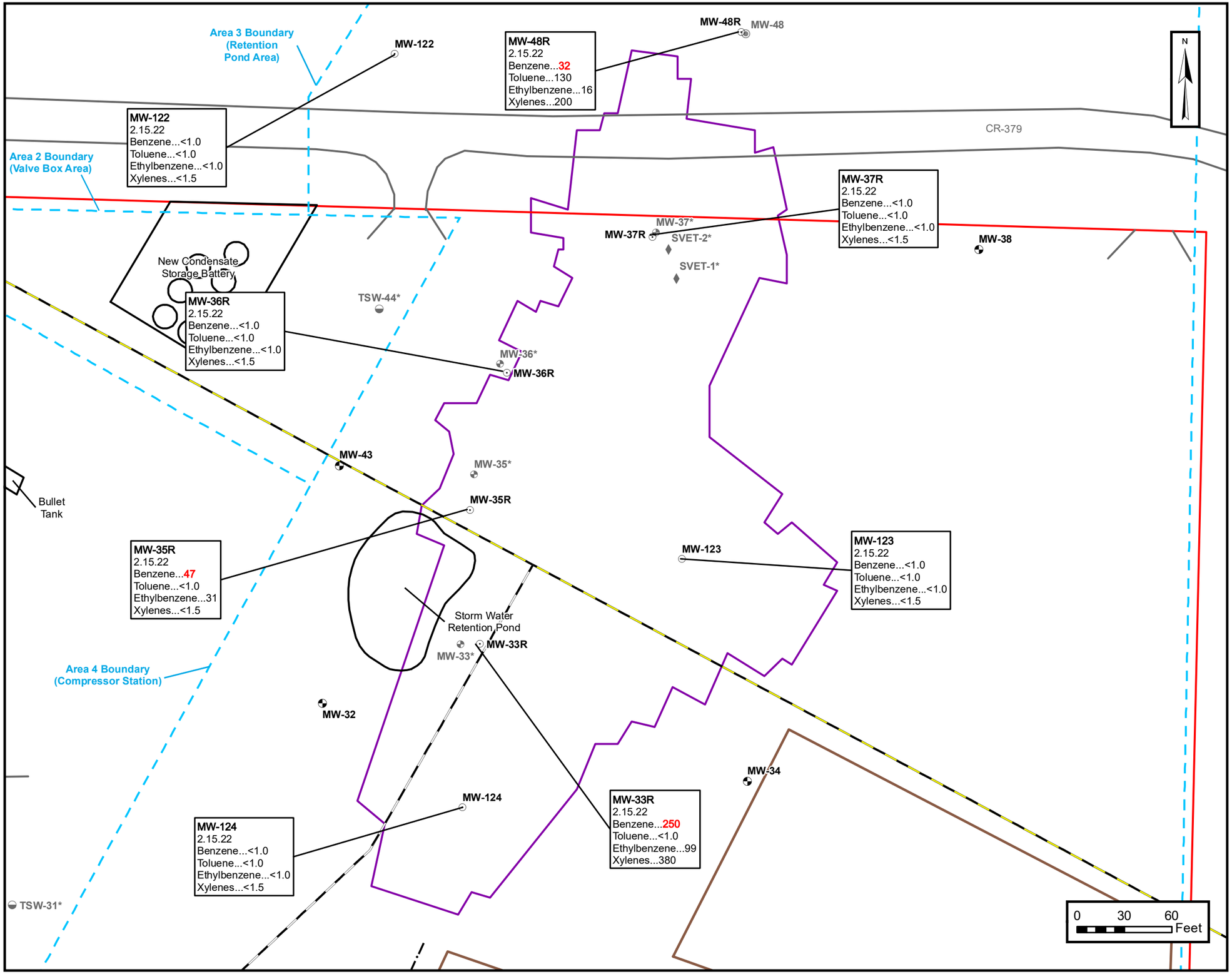
GROUNDWATER GRADIENT MAP (OCTOBER 2022)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
5C

Ensolum Project No : 05A1226001



LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Ensolum (September/Decemeber 2021)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Trunk K Pipeline
- Well Tie

NOTE:
All concentrations are listed in micrograms per liter (µg/L).
Concentrations in **red** exceed the New Mexico WQCC GQS.
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring well was plugged and abandoned.

ENSOLUM
Environmental & Hydrogeologic Consultants

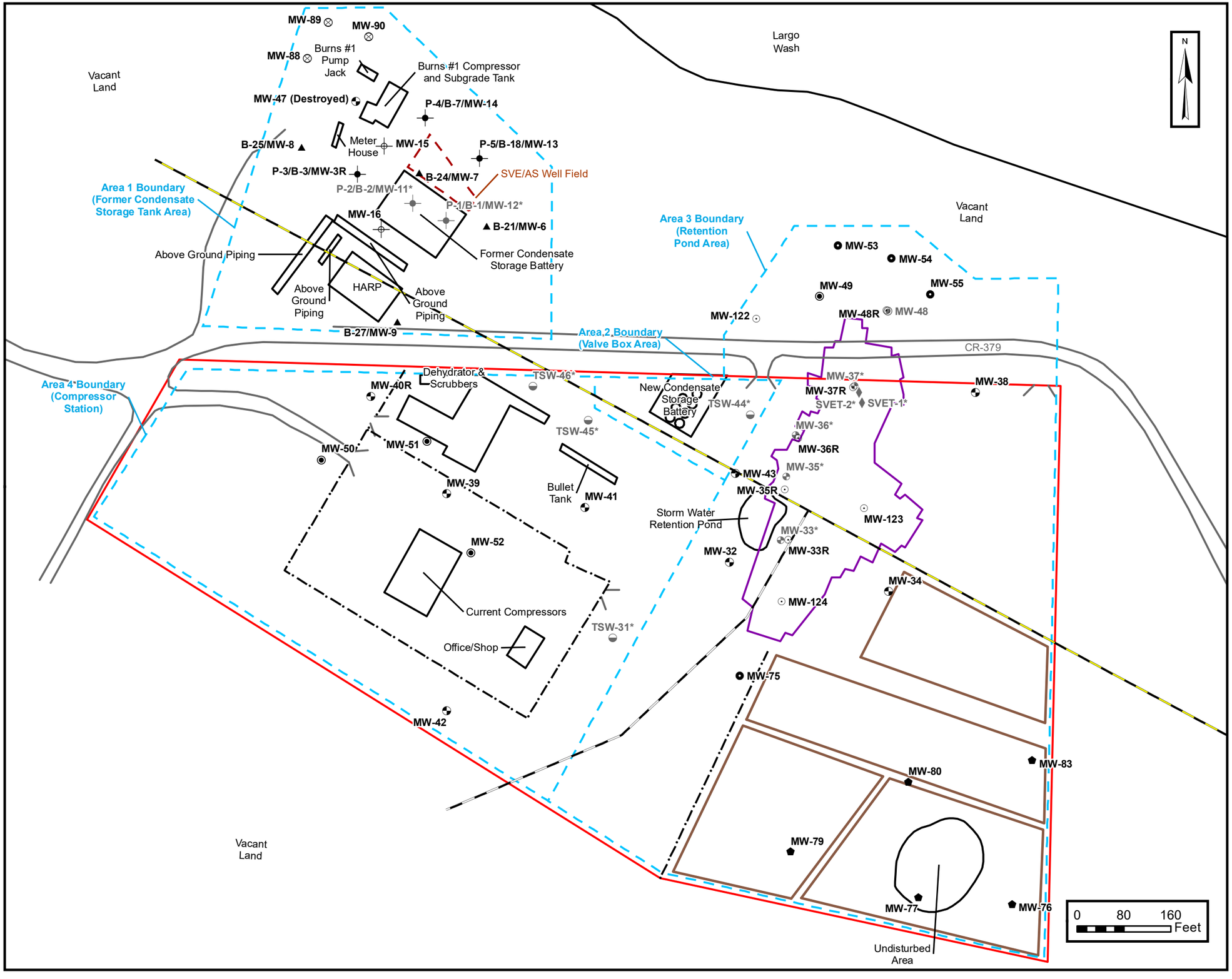
GROUNDWATER ANALYTICAL DATA MAP (FEBRUARY 2022)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
6A

Ensolum Project No : 05A1226001



LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
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- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- Trunk K Pipeline
- Well Tie

NOTE:
No BTEX exceedances were observed during this sampling event.

* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.

Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring wella were plugged and abandoned.

ENSOLUM
Environmental & Hydrogeologic Consultants

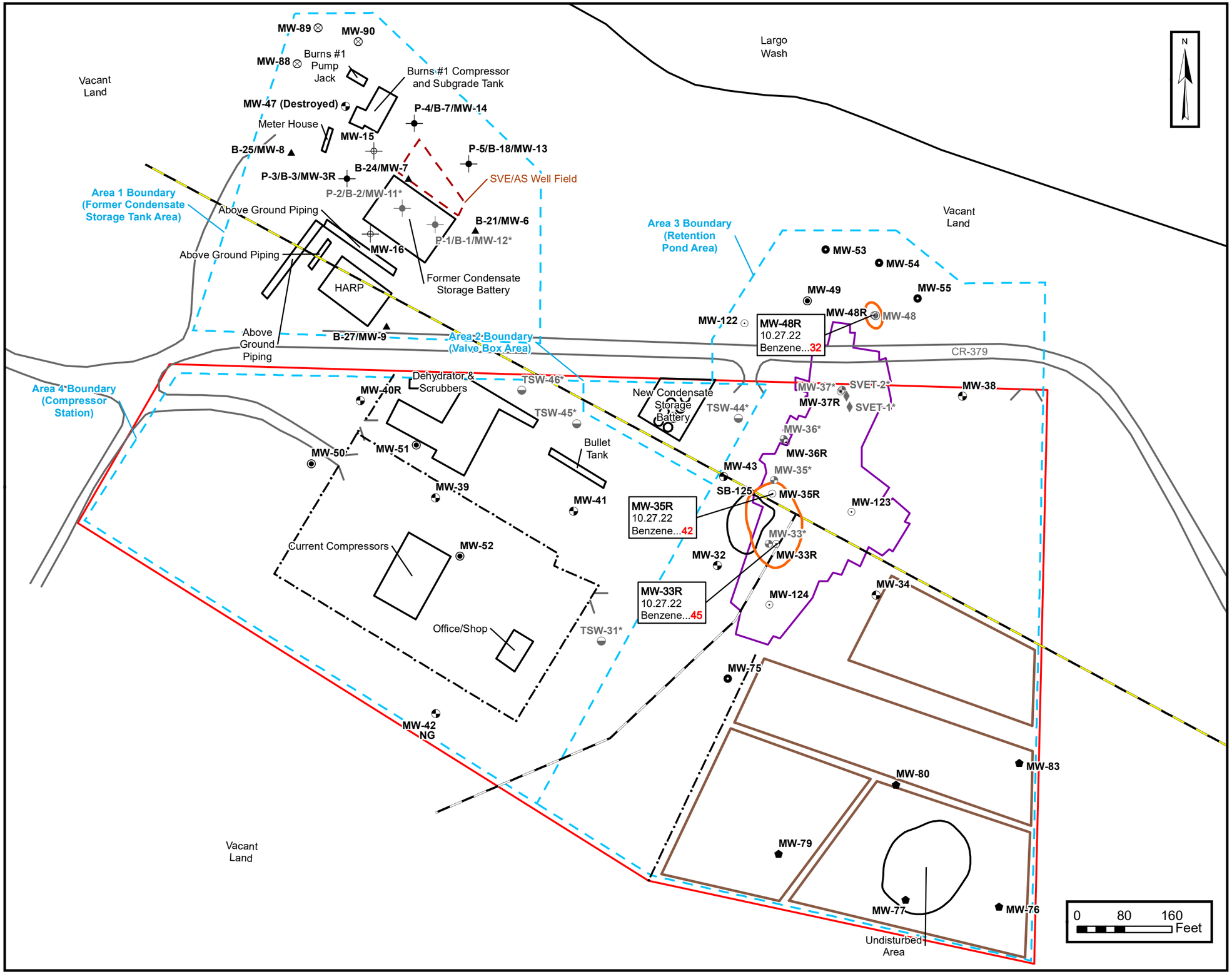
GROUNDWATER QUALITY STANDARD (GQS) EXCEEDANCE ZONE MAP (APRIL 2022)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
6B

Ensolum Project No : 05A1226001



LEGEND:

- Enterprise Property
- Former Treatment Cell with Berm
- Extent of 2017-2019 Excavation
- Monitoring Well Installed by Ensolum (September/December 2021)
- Monitoring Well Installed by Apex (August 2014)
- Monitoring Well Installed by SWG (May 2013)
- Monitoring Well Installed by SWG (November 2012/ January 2013)
- Monitoring Well Installed by SWG (April 2012)
- Monitoring Well Installed by SWG (November 2010)
- Monitoring Well Installed by LT Environmental (March 2010)
- SVE Test Well Location 2017
- Temporary Sampling Well Installed by SWG (November 2010)
- Soil Boring/ Monitoring Well Installed by LT Environmental (August 2009)
- Soil Boring/ Monitoring Well Installed by LT Environmental (March/April 2008)
- GQS Exceedance Zone
- Trunk K Pipeline
- Well Tie

NOTE:
All concentrations are listed in micrograms per liter (µg/L).
Concentrations in **red** exceed the New Mexico WQCC GQS.
* - Denotes plugged and abandoned monitoring wells, temporary sampling wells, and SVE test wells.
Soil boring/monitoring well symbols and ID's in gray denote the soil boring/monitoring wella were plugged and abandoned.

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

GROUNDWATER QUALITY STANDARD (GQS) EXCEEDANCE ZONE MAP (OCTOBER 2022)

ENTERPRISE FIELD SERVICES, LLC
LARGO COMPRESSOR STATION

NE ¼ & SE ¼, S15 T26N R7W, Rio Arriba County, New Mexico
36.4855° N, 107.5578° W

FIGURE
6C

Ensolum Project No : 05A1226001

ENSOLUM

APPENDIX B

Chronology of Events

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Chronology of Events

January 2008

Area 1: A release was discovered that resulted from a frozen valve on a condensate storage tank. The release flowed into the below-grade drain tanks, which subsequently overflowed into the surrounding containment. The release was subsequently reported to the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD).

March/April 2008

Area 1: *Geoprobe Investigation at Largo Compressor Station (Lodestar, May 16, 2008)*: Initial field investigation activities were performed by Lodestar Services, Inc., (Lodestar) during March and April of 2008. Nineteen soil borings (B-1 through B-19) were advanced at the Site with total depths ranging from 14.5 feet below grade surface (bgs) to 21 feet bgs. Five of the 19 soil borings were completed as one inch diameter piezometers (P-1 though P-5).

Lodestar collected 29 soil samples from the 19 soil borings and submitted the samples for analysis of total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). In addition, five groundwater samples collected from the piezometers were submitted for TPH GRO/DRO and BTEX analysis. Soil samples collected from soil borings B-1, B-2, B-5, and B-14 exhibited TPH GRO/DRO concentrations above the New Mexico EMNRD OCD standards. The groundwater samples collected from piezometers P-1, P-2, and P-3 exhibited benzene, toluene, and/or total xylene concentrations above the Water Quality Control Commission (WQCC) Groundwater Quality Standards (GQSs).

August/September 2008

Area 1: Enterprise submitted a notice to the New Mexico EMNRD OCD that the condensate storage tank system was scheduled to be upgraded/replaced.

September/October 2008

Areas 1 through 4: The New Mexico EMNRD OCD approved Enterprise's planned storage tank modification with the condition that Enterprise file an appropriate closure plan for the old tank battery.

June/July 2009

Area 2: An area of petroleum hydrocarbon impact was discovered during construction activities at the new condensate storage tank battery. The source of impact is presumed to be a valve box from a storage tank formerly utilized at this location. Souder, Miller, & Associates (SMA) assisted with the assessment activities and Foutz & Bursum (F&B) performed the excavation activities. Exploratory "potholes" were advanced to investigate the extent of subsurface contamination. Groundwater was encountered at approximately 13 feet bgs during these activities. On June 26, 2009, SMA collected a groundwater sample from pothole #1 (PH #1). Based on the laboratory analytical data, benzene was identified at a concentration

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exceeding the WQCC GQSs. Based on field observations, soil screening data, and laboratory analytical data, F&B excavated the impacted soils, resulting in a final excavation approximately 100 feet long by 30 feet wide and 13 feet deep. SMA collected a total of four soil confirmation samples from the sidewalls of the Area 2 excavation and one soil confirmation sample from the excavated soil stockpile and submitted them for analysis of TPH GRO/DRO. The confirmation soil samples did not exhibit constituent of concern (COC) concentrations above the New Mexico EMNRD OCD standards. The Area 2 excavation was backfilled in July 2009 with unaffected soil and gravel. Southwest Geoscience (SWG) subsequently collected groundwater samples from this approximate area (TSW-44 and TSW-45) and groundwater impacts were not observed (*Environmental Site Investigation* (SWG, March 24, 2011)*).*

July 2009

Area 1: *Inspection Report – New Mexico OCD (July 9, 2009):* Onsite inspection by New Mexico EMNRD OCD required Enterprise to conduct tank integrity testing, improve leak detection monitoring, liner repair, soil and groundwater remediation, and system repair or replacement.

Area 1: *Response to Inspection Report – Enterprise (July 23, 2009):* Enterprise submitted a work plan to perform additional investigation activities at the Site.

July/August 2009

Area 3: Petroleum hydrocarbon impact was discovered in Area 3 during the excavation of a stormwater retention pond at the facility. Initial Form C-141 was submitted to New Mexico EMNRD OCD on July 6, 2009.

On July 15, 2009, a cement tank containing water (possibly an old cistern or part of the septic system) was unearthed in the vicinity of the planned stormwater retention pond. SMA collected a water sample from the tank, and subsequent BTEX analyses indicated the tank water did not exhibit BTEX concentrations in excess of the WQCC GQSs. Soil confirmation samples were collected below the water table (BWT) on the north side of the retention pond excavation and on the northeast wall (NE Wall) of the retention pond excavation. Sample results indicated the “BWT” and “NE Wall” samples contained TPH GRO/DRO, benzene, and/or total BTEX concentrations exceeding the New Mexico EMNRD OCD standards. A groundwater sample (GE) was collected at the BWT soil sample location and was submitted for analysis of BTEX. The GE groundwater sample exhibited benzene, toluene, and total xylenes concentrations exceeding the WQCC GQSs.

On July 16, 2009, SMA installed four test pits, each completed to a total depth of approximately 13 feet bgs, to the north and east of the retention pond excavation. Groundwater was encountered in each of the test pits at approximately 13 feet bgs. SMA collected one soil

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sample just above the water table in each of the test pits and field screened them for the presence of volatile organic compounds (VOCs). Based on visual observations and field screening results of the soil samples, it was concluded that "soil impacts likely extended beyond a reasonable area for excavation". Enterprise elected to terminate further excavation and to remove any visibly contaminated soil remaining in the existing excavation of Area 3. SMA subsequently collected a groundwater sample (SWCRP) from the southwest corner of the retention pond excavation and submitted it for analysis of BTEX. The SWCRP groundwater sample exhibited benzene and total xylenes concentrations above the WQCC GQSs.

The excavated soils, totaling approximately 1,701 cubic yards (although one source indicates 3,000 cubic yards), were transported off-site and disposed of at the Envirotech, Inc., (Envirotech) landfarm near Hilltop, New Mexico. Additionally, a vacuum truck was utilized to remove approximately 1,120 barrels (bbls) of hydrocarbon-impacted groundwater from the excavation prior to backfilling. The excavation was backfilled with approximately 1,360 cubic yards of unaffected material, creating a four to five foot deep depression for use as the stormwater retention pond.

August 2009

Area 1: *Report of Subsurface Investigation at Largo Compressor Station* (Lodestar, November 30, 2009)*:* During August 2009, Lodestar performed a subsurface field investigation at the Site. Ten additional soil borings (B-21 through B-30) were advanced at the Site. Additionally, two hand auger borings (HA-1 and HA-2) were advanced within the former condensate storage tank containment berm. Four of the ten soil borings were completed as permanent two inch groundwater monitoring wells (MW-6 through MW-9).

Soil samples collected from soil borings B-22 (15 feet bgs), B-23 (15 feet bgs), B-24 (15 feet bgs), B-29 (18 feet bgs), and HA-1 (14 feet bgs) exhibited total BTEX and/or TPH GRO/DRO concentrations above New Mexico EMNRD OCD standards. The groundwater samples collected from piezometers P-2 and P-3 and monitoring well MW-7 exhibited benzene, toluene, and/or total xylenes concentrations above the WQCC GQSs. Non-aqueous phase liquid (NAPL) was reportedly present in piezometer P-1. Lodestar concluded that soil and groundwater impact was limited to the bermed area and slightly outside of the bermed area in the down-gradient (northwest) direction.

November 2009/ February 2010

Area 1: *November 2009 Groundwater Sampling* (Lodestar, December 17, 2009)*, Quarterly Groundwater Monitoring Report* (Lodestar, April 20, 2010)*:* Groundwater sampling events were performed during November 2009 and February 2010 by Lodestar. The groundwater samples collected from groundwater monitoring wells MW-7 and P-2 (renamed as MW-11) exhibited benzene and/or total xylenes concentrations above the WQCC GQSs. NAPL was

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identified in piezometer P-1 during each of these two groundwater monitoring events.

January 2010

Area 1: *Largo Compressor Station Work Plan for Groundwater Remediation GW-211* (Lodestar, December 31, 2009)*:* Enterprise submitted a groundwater remediation work plan for the Site detailing the proposed injection of Oxygen Release Compound (ORC) and utilization of sorbent socks to the New Mexico EMNRD OCD.

February 2010

Area 1: The New Mexico EMNRD OCD approved the December 31, 2009 work plan with conditions.

March/April 2010

Area 1: *Interim Remedial Investigation Report* (LTE, May 15, 2010)*:* During March of 2010, LT Environmental, Inc., (LTE), formerly Lodestar, advanced two additional soil borings at the Site to total depths ranging from approximately 31 to 32 feet bgs. Groundwater was encountered in both soil borings with static water levels of 20 and 22 feet bgs. The two soil borings were subsequently completed as two inch groundwater monitoring wells (MW-15 and MW-16). LTE also replaced piezometer P-1 with a four inch groundwater monitoring well (MW-12) to allow NAPL collection utilizing absorbent socks. Additionally, piezometers P-2, P-3, P-4, and P-5 were replaced with two inch groundwater monitoring wells MW-11, MW-3R, MW-14, and MW-13, respectively.
Area 1: During April 2010, LTE collected groundwater samples from the on-Site groundwater monitoring wells for TPH GRO/DRO and BTEX analyses. The groundwater samples collected from monitoring wells MW-7 and MW-12 exhibited benzene, toluene, and/or total xylenes concentrations above the WQCC GQSs.

May 2010

Area 1: A final C-141 was submitted to the New Mexico EMNRD OCD, indicating the need for additional studies.

Areas 1 through 4: On May 27, 2010, Enterprise submitted an extension request to the New Mexico EMNRD OCD pertaining to investigation activities at the Largo Compressor Station, citing a planned facility-wide investigation.

June 2010

Areas 1 through 4: *Proposed Facility-Wide Soil and Groundwater Investigation* (LTE, June 8, 2010): Enterprise submitted a work plan to provide a Site-wide assessment of the Largo Compressor Station.

Areas 1 through 4: The New Mexico EMRND OCD approved the proposed work plan submitted on June 10, 2010 with conditions.

June/July 2010

Area 1: *Groundwater Sampling Report* (LTE, September 10, 2010)*:* During June of 2010, LTE advanced ten four inch boreholes utilizing hollow stem augers. The boreholes were advanced to the north and north-northwest of the containment berm. A slurry of 65% ORC solids and water was poured through the hollow stem augers at each

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borehole (approximately 30 pounds of ORC per borehole) to create a plug of ORC encompassing approximately five vertical feet, including the smear zone. A two foot thick bentonite seal was installed above the ORC slurry and the remainder of the borehole was backfilled with clean soil.

Area 1: During July 2010, LTE collected groundwater samples from the on-Site groundwater monitoring wells and submitted them for TPH GRO/DRO and BTEX analyses. The groundwater samples collected from monitoring wells MW-3R, MW-7, MW-11, MW-12, MW-15, and MW-16 exhibited benzene and/or total xylene concentrations above the WQCC GQSs.

November 2010

Areas 1 through 4: During November 2010, SWG advanced 17 soil borings across the facility as part of the Site-wide environmental investigation. Four of these soil borings were completed as temporary sampling wells to allow the collection of a single groundwater sample prior to plugging and abandonment. The remaining 13 soil borings were completed as permanent two inch diameter monitoring wells.

February/March 2011

Area 1: *Corrective Action Work Plan* (SWG, February 18, 2011): Enterprise proposed an in-situ chemical oxidation (ISCO) pilot study at the condensate storage tank area.

Areas 1 through 4: *Environmental Site Investigation* (SWG, March 24, 2011)*:* Enterprise submitted a report to the New Mexico EMNRD OCD documenting the facility-wide investigation findings and subsequent groundwater monitoring results. Analytical results from the investigation confirmed the presence of hydrocarbon-affected soil and groundwater in the vicinity of the retention pond (Area 3). Additionally, benzene was identified at concentrations slightly above the WQCC GQSs in groundwater from monitoring well MW-39, located near the current compressors (Area 4).

The groundwater sample collected from monitoring well MW-42, located at a hydraulically up-gradient boundary of the Site, exhibited a total dissolved solids (TDS) concentration of 75,400 milligrams per liter (mg/L).

May 2011

Area 1: Enterprise performed “pilot study” ISCO activities at the condensate storage tank release area. Approximately 3,500 gallons of injectate were introduced to the subsurface near monitoring well MW-12.

October 2011

Area 1: *Corrective Action Pilot Study Report* (SWG, October 10, 2012): Enterprise submitted a report to the New Mexico EMNRD OCD documenting the “pilot study” implementation. Field observations during ISCO activities indicated historically impacted soils remained near the condensate tanks.

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March 2012

Areas 3 and 4: *SSI Work Plan* (SWG, January 12, 2012): Enterprise proposed additional field activities to further delineate dissolved-phase groundwater impact in Areas 3 and 4. Enterprise initiated the proposed investigative activities by installing six monitoring wells to further evaluate COCs at the Site.

June 2012

Areas 3 and 4: *Supplemental Site Investigation & Quarterly Groundwater Monitoring Report* (SWG, June 31, 2012)*:* Enterprise submitted a report to the New Mexico EMNRD OCD which documented the initial supplemental site investigation (SSI) activities for Areas 3 and 4. The report included results from the quarterly monitoring event that was performed following the installation of the six additional monitoring wells.

November 2012

Area 3: Enterprise resumed the supplemental Site investigation, focusing on additional soil and groundwater COC delineation in Area 3.

March 2013

Area 3: Enterprise submitted the *Supplemental Site Investigation Report – (November 2012 and January 2013)* (SWG, February 22, 2013) to the New Mexico EMNRD OCD documenting SSI activities for Area 3. The report documented the soil and groundwater sampling that was performed during the SSI activities and identified a potential second source of impact near the Retention Pond Area. Enterprise proposed remediation of soils in Areas 1 and 3 in the *Corrective Action Work Plan (Area 1 and Area 3 – Soils)* (SWG, March 11, 2013.)

May 2013

Areas 1 and 3: *Largo Compressor Station – Background Sampling* (SWG, June 18, 2013)*:* Enterprise performed soil and groundwater sampling in the southeast portion of the Site to evaluate current background conditions. These activities were performed in advance of the proposed sourcing of backfill material from this area, and in advance of the proposed use of the area for soil treatment.

June through November 2013

Area 1: *Corrective Action Status Report (Area 1 – Soils)* (SWG, March 19, 2014)*:* Enterprise submitted a letter report to the New Mexico EMNRD OCD documenting the construction of the treatment cell area and corrective action activities performed in Area 1.

August through October 2014

Area 1: *Annual Groundwater Monitoring Report (April and October 2014 Sampling Events) and Supplemental Site Investigation Report* (Apex TITAN, Inc (Apex), April 13, 2015): Enterprise installed three additional groundwater monitoring wells downgradient of monitoring well MW-47 (which had been damaged by heavy equipment).

July 2016

Area 3: *Interim Corrective Action Report (Area 3) and Treated Soil Sampling (Area 1) Report* (Apex, July 14, 2016): Enterprise performed initial corrective action activities in Area 3 by removing

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	hydrocarbon-affected soils in the vicinity of the retention pond. The previously treated soils from the former remediation of Area 1 were sampled and subsequently removed from the cells to make room in the upper treatment cells for the Area 3 soils.
May 2017	Area 1 and 3: *Soil Remediation Plan* (Apex, May 11, 2017): Enterprise submitted a Soil Remediation Plan to the New Mexico EMNRD OCD documenting proposed strategies to address the hydrocarbon soil impacts in Area 1 and Area 3.
June/July 2017	Area 3: Enterprise initiated a limited site investigation and soil vapor extraction (SVE) pilot testing in Area 3.
August 2017	Area 1 and 3: *Soil Remediation Plan Amendment – Summary of Soil Vapor Extraction Pilot Testing and Recommendations for Corrective Action* (Apex, August 14, 2017): Enterprise submitted a Plan Amendment to the New Mexico EMNRD OCD documenting the results of the SVE pilot testing that occurred at the Site and the proposed continued strategies for remediation of impacted soil and groundwater at the Site. The Area 3 soil remediation (by excavation) activities are initiated.
September 2017	Area 1 and 3: *Soil Vapor Extraction and Air Sparging Work Plan* (Apex, September 15, 2017, updated November 14, 2017): Enterprise proposed SVE and air sparge (AS) field activities for remediation of impacted soil and groundwater at the Site.
April 2018	Area 1: Enterprise installed seven SVE and six AS wells in Area 1.
July/September 2018	Area 3: Enterprise advanced 14 soil borings north of the Largo Compressor Station facility fence in Area 3 to further delineate and evaluate the extent of hydrocarbon impact in soil. Additional excavation in this area continued into 2019.
February 2019	Enterprise assigned management of the project to Ensolum, LLC (Ensolum).
March/May 2019	Area 1 and 3: *Stage 1 Abatement Plan* (Ensolum, March 21, 2019, Revised May 22, 2019): Enterprise submitted a Stage 1 Abatement Plan to the New Mexico EMNRD OCD documenting Enterprise's proposed strategies for remediation of impacted soil and groundwater at the Site.
December 2020	Ensolum received final solid waste documentation from the Envirotech landfarm near Hilltop, New Mexico for the 2017-2019 characterization and remediation activities.
April 2021	Ensolum received final liquid waste documentation from Basin Disposal, Inc., (Basin Disposal) for the 2017-2019 remediation activities.

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June 2021	Area 1 through 3: *2020 Interim Remediation and Groundwater Monitoring Report* (Ensolum, June 28, 2021): Enterprise submitted a report to the New Mexico EMNRD OCD that served as an update for the recently completed or ongoing remediation and monitoring activities at the Site.
September/December 2021	Area 3: Enterprise initiated investigative activities to advance nine soil borings of which eight were completed as permanent groundwater monitoring wells. Additionally, one existing monitoring well was plugged and abandoned.

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APPENDIX C

Regulatory Correspondence

From: Long, Thomas
To: Velez, Nelson, EMNRD
Cc: Stone, Brian; Miller, Greg
Subject: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring and Groundwater Sampling - Incident # NBP0802953108

Nelson,

This email is a notification that Enterprise will be conducting groundwater monitoring activities at Largo Compressor Station beginning today Monday, October 24, 2022. It is anticipated to take four days to complete all sampling and monitoring activities. If you have any questions, please call or email.

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

logo

From: Long, Thomas
To: "Velez, Nelson, EMNRD"
Cc: Stone, Brian; Miller, Greg; Kyle Summers
Subject: FW: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring and Groundwater Sampling - Incident # NBP0802953108
Date: Friday, April 22, 2022 7:46:00 AM

Nelson,

This email is a notification that Enterprise will be conducting groundwater monitoring activities at Largo Compressor Station beginning Monday, April 25, 2022. It is anticipated to take four days to complete all sampling and monitoring activities. If you have any questions, please call or email.

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

Enterprise Products

From: Long, Thomas
Sent: Friday, November 12, 2021 7:07 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>; Miller, Greg <GEMiller@eprod.com>
Subject: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring and Groundwater Sampling - Incident # NBP0802953108

Cory,

This email is a notification that Enterprise will be conducting groundwater monitoring activities at Largo Compressor Station beginning Monday, November 15, 2021. It is anticipated to take four days to complete all sampling and monitoring activities. If you have any questions, please call or email.

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

Enterprise
Products

From: Long, Thomas
To: "Velez, Nelson, EMNRD"
Cc: Stone, Brian; Miller, Greg
Subject: FW: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring Well Installation/Delineation and Groundwater Sampling - Incident # NBP0802953108
Date: Monday, February 7, 2022 7:24:00 AM

Nelson,

This email is a notification that Enterprise will be groundwater sampling the newly install monitoring wells at Largo Compressor Station beginning tomorrow, February 8, 2022. Activities should tank 1-2 days. If you have any questions, please call or email.

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

Enterprise Products

From: Long, Thomas
Sent: Monday, December 13, 2021 7:55 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>; Miller, Greg <GEMiller@eprod.com>; Drewry, Scott <sdrewry@eprod.com>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Subject: FW: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring Well Installation/Delineation and Groundwater Sampling - Incident # NBP0802953108

Cory,

This email is a notification that Enterprise will the installing soil borings and groundwater monitoring wells at the Largo Compressor Station beginning December 15, 2021 through December 22, 20021. After all the new monitoring wells are installed and developed, the wells will be sample per the approved work plan. I will send another notification update for the groundwater sampling activities. If you have any questions, please call or email.

This is a third attempt to install these wells as that the drilling contractor has canceled in the past events.

If you have any questions, please call or email.

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

From: Long, Thomas
Sent: Thursday, October 14, 2021 12:29 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>; Miller, Greg <GEMiller@eprod.com>; Drewry, Scott <sdrewry@eprod.com>; Hernandez, Emily, EMNRD <Emily.Hernandez@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>
Subject: FW: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring Well Installation/Delineation and Groundwater Sampling - Incident # NBP0802953108

Cory,

This email is a notification that Enterprise will the installing soil borings and groundwater monitoring wells at the Largo Compressor Station beginning Monday, October 18, 2021 through October 25, 2021. After all the new monitoring wells are installed and developed, the wells will be sample per the approved work plan. I will send another notification update for the groundwater sampling activities. If you have any questions, please call or email.

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

From: Long, Thomas
Sent: Tuesday, September 7, 2021 8:05 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>; Miller, Greg <GEMiller@eprod.com>; Drewry, Scott <sdrewry@eprod.com>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Hernandez, Emily, EMNRD <Emily.Hernandez@state.nm.us>
Subject: FW: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring Well Installation/Delineation and Groundwater Sampling - Incident # NBP0802953108

Cory,

This email is to inform you that the Groundwater Monitoring Well Installation/Delineation and Groundwater Sampling activities will be postponed until October due to contractual conflicts. I will keep you informed as to the exact dates. If you have any questions, please call or email.

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

Enterprise Products

From: Long, Thomas
Sent: Thursday, September 2, 2021 10:49 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>
Cc: Miller, Greg <GEMiller@eprod.com>; Stone, Brian <bmstone@eprod.com>; Drewry, Scott <sdrewry@eprod.com>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Hernandez, Emily, EMNRD <Emily.Hernandez@state.nm.us>
Subject: Largo Compressor Station Remediation (3RP-1001) - Groundwater Monitoring Well Installation/Delineation and Groundwater Sampling - Incident # NBP0802953108

Cory,

This email is a notification that Entperise will the installing additional soil borings and groundwater monitoring wells at the Largo Compressor Station beginning Tuesday, September 7, 2021. After all the new monitoring wells are installed and developed, the wells will be sample per the approved work plan. I will send another notification update for the groundwater sampling activities. If you have any questions, please call or email.

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

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APPENDIX D

2021 Soil Boring/Well Boring Completion Logs

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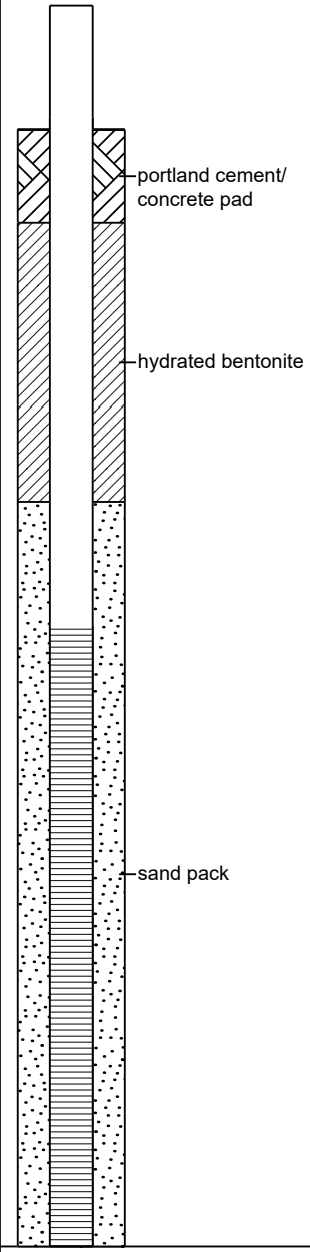
BORING LOG MW-33R

PROJECT NUMBER 05A1226001	**DRILLING DATE** 9/2/21, 12/20/21	**NORTH COORDINATE** 36.485313 N
PROJECT NAME Largo CS	**DRILLING COMPANY** Enviro-Drill	**WEST COORDINATE** 107.555683 W
CLIENT Enterprise Field Services, LLC	**BORING METHOD** HSA / Hand Auger	**SURFACE COMPLETION** Above Grade Vault
LOCATION Rio Arriba County, NM	**TOTAL DEPTH** 18 ft	**LOGGED BY** R.Deechilly
	BOREHOLE DIAMTER 8.25"	**SAMPLER** R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Material Description	Staining
0			(Backfill Material) Silty Sand: trace of clay from 7'-9', moderate yellowish brown, moist, no hydrocarbon odor, wet at bottom from hydrovac	
2	0			
5	0	MW-33R (5')		
7	0			
9	0			
10			Silty Sand with clay: moderate yellowish brown to dark yellowish brown, moist, hydrocarbon odor, 0.5" black layer at 15'	
11	4.3			
13	2.4			
14	63			
15	1,219	MW-33R (15'-16')	Sand with clay: dark yellowish brown, fine-medium grained, wet, hydrocarbon odor	
16	1,218		Clay: dark yellowish brown with black, wet, hydrocarbon odor	
17	84	MW-33R (17'-18')	Sand: moderate yellowish brown to medium dark gray, fine to medium-grained, wet, no hydrocarbon odor	
18			TD at 18 ft bgs	



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BORING LOG MW-35R

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/2/21, 12/16/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 18 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.485592 N
WEST COORDINATE 107.555657 W
SURFACE COMPLETION Above Grade Vault
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								portland cement/ concrete pad
-1								
0						(Backfill Material) Silty sand to sand: moderate yellowish brown, dry to moist, no hydrocarbon odor		
1								
2	0							
3								
4								hydrated bentonite
5		MW-35R (5'-6')						
6	0							
7								
8	0							
9								
10	0							
11	0.9							
12				▽				sand pack
13								
14	1.1							
15		MW-35R (15'-16')				Sand: moderate yellowish brown to dark yellowish brown and black/medium dark gray, wet, hydrocarbon odor		
16	295					moderate yellowish brown to dark yellowish brown, no hydrocarbon odor from 17'-18'		
17	121	MW-35R (17'-18')						
18	3.5					TD at 18 ft bgs		
19								
20								

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BORING LOG MW-36R

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/2/21, 12/16/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 18 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.48578 N
WEST COORDINATE 107.55560 W
SURFACE COMPLETION Above Grade Vault
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								
-1								
0						Silty sand to silty clay: stiff clay at 10', moderate yellowish brown to dark yellowish brown, moist, no hydrocarbon odor		portland cement/ concrete pad
1								
2	0.1							
3								
4								hydrated bentonite
5		MW-36R (5'-6')						
6	0.1							
7								
8	0							
9								
10	0							
11	0			▽				
12		MW-36R (12'-14')				Clayey sand to sand:		sand pack
13	9.9					moderate yellowish brown to dark yellowish brown, moist, possible hydrocarbon odor		
14						moderate yellowish brown, some silt, wet, no hydrocarbon odor		
15	0.3							
16	0.2	MW-36R (16'-18')						
17	0							
18						TD at 18 ft bgs		
19								
20								

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BORING LOG MW-37R

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/2/21, 12/16/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 18 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.486028 N
WEST COORDINATE 107.555264 W
SURFACE COMPLETION Above Grade Vault
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								
-1								
0						(Backfill) Silty sand: moderate yellowish brown, moist, no hydrocarbon odor		portland cement/ concrete pad
1								
2	0.1							
3								
4		MW-37R (4'-5')						hydrated bentonite
5	0.3							
6								
7								
8	0.1							
9	0.1							
10				▽				
11	0							
12	0					Silty sand to sand: moderate to dark yellowish brown, traces of gray from 13'-15', moist to wet, no hydrocarbon odor		sand pack
13		MW-37R (13'-15')						
14	1.9							
15								
16	0.4							
17		MW-37R (16.5'-18')						
18	0					TD at 18 ft bgs		
19								
20								

Disclaimer This bore log should not be used separately from this report..

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Received by OCD: 2/15/2024 12:15:47 PM

BORING LOG MW-48R

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/3/21, 12/20/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 15 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.486350 N
WEST COORDINATE 107.554994 W
SURFACE COMPLETION Above Grade Vault
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								
-1								
0						Sandy silt: moderate yellowish brown, moist, no hydrocarbon odor		portland cement/ concrete pad
1								
2	0.3							hydrated bentonite
3								
4	0							
5	0							
6								
7	0	MW-48R (7')				Silty clay: moderate yellowish brown to dark yellowish brown, stiff clay, moist, no hydrocarbon odor		
8								
9	1,330			▽				sand pack
10	3,726	MW-48R (10')				Sand/silt: medium dark gray and some black, wet, hydrocarbon odor		
11	1,444							
12						Silty clay: dark yellowish brown with medium bluish gray horizontal streaks, wet, moderate hydrocarbon odor		
13	215							
14		MW-48R (14'-15')				Sand: pale yellowish brown to moderate yellowish brown, medium-coarse grained, wet, no hydrocarbon odor		
15	16.4					TD at 15 ft bgs		
16								
17								

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BORING LOG SB-122/MW-122

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/3/21, 12/21/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 18 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.486319 N
WEST COORDINATE 107.555813 W
SURFACE COMPLETION Above Grade Vault
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								
-1								
0						Silt/Clay: moderate yellowish brown, moist, no hydrocarbon odor		portland cement/ concrete pad
1								
2	54	SB-122/MW-122 (2')						
3						Sand: moderate yellowish brown, fine-medium grained, moist, no hydrocarbon odor		hydrated bentonite
4	3.0							
5								
6	0.6	SB-122/MW-122 (6')						
7								
8	0.6							
9								
10	0.6					Sandy silt to sand: 0.5" layer of stiff clay from 17.5'-17', moderate yellowish brown, fine-coarse grained, moist to wet, no hydrocarbon odor		
11	0.2							
12		SB-122/MW-122 (12'-14')		▽				sand pack
13	0.5							
14								
15	0.1	SB-122/MW-122 (15'-17')						
16	4.4							
17		SB-122/MW-122 (17'-18')						
18	3.2					TD at 18 ft bgs		
19								
20								

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BORING LOG SB-123/MW-123

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/2/21, 12/16/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 20 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.485499 N
WEST COORDINATE 107.555205 W
SURFACE COMPLETION Above Grade Vault
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								
-1								
0						Silty Sand: backfill material 0'-13', moderate yellowish brown, fine-medium grained, moist to wet, no hydrocarbon odor		portland cement/ concrete pad
1								
2	0							
3								
4		SB-123/MW-123 (5')						
5	0							hydrated bentonite
6								
7								
8	0							
9								
10	0							
11	1.2							
12				▽				
13	0.1							
14		SB-123/MW-123 (14'-15')				dark yellowish brown with black and gray streaks 14'-15', very mild hydrocarbon odor		sand pack
15	48					Sand/Silt: moderate yellowish brown to dark yellowish brown, wet, no hydrocarbon odor		
16	4.2							
17								
18	0.2							
19		SB-123/MW-123 (19'-20')						
20	0					TD at 20 ft bgs		
21								
22								

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BORING LOG SB-124/MW-124

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/3/21, 12/20/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 20 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.485033 N
WEST COORDINATE 107.555685 W
SURFACE COMPLETION Above Grade Vault
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								
-1								
0						Silty Sand: backfill material 0'-13', moderate yellowish brown, fine-medium grained, moist, no hydrocarbon odor		portland cement/ concrete pad
1								
2	0							
3								
4	0.6							
5								hydrated bentonite
6	0.6	SB-124/MW-124 (5'-6')						
7								
8	0.6							
9								
10	0							
11								
12	0.2							
13								
14	0.2			▽				sand pack
15		SB-124/MW-124 (15'-17')				Sand: fine-medium grained, moist to wet, possible hydrocarbon odor 15'-19, no hydrocarbon odor 19'-20'		
16	14							
17						- 15'-19' moderate yellowish brown to dark yellowish brown and medium dark gray. Specs of black		
18	8.1							
19	0.7					- 19'-20' pale yellowish brown to moderate yellowish brown, coarse grained at 20'		
20	0	SB-124/MW-124 (19'-20')						
21						TD at 20 ft bgs		
22								

Disclaimer This bore log should not be used separately from this report..

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BORING LOG SB-125

PROJECT NUMBER 05A1226001
PROJECT NAME Largo CS
CLIENT Enterprise Field Services, LLC
LOCATION Rio Arriba County, NM

DRILLING DATE 9/2/21, 12/20/21
DRILLING COMPANY Enviro-Drill
BORING METHOD HSA / Hand Auger
TOTAL DEPTH 18 ft
BOREHOLE DIAMTER 8.25"

NORTH COORDINATE 36.485637 N
WEST COORDINATE 107.555769 W
SURFACE COMPLETION Plugged
LOGGED BY R.Deechilly
SAMPLER R. Deechilly

Notes: * Hand Auger (HA) borings were performed prior to Hollow Stem Auger (HSA) activities to obtain additional shallow soil information. The boring logs from the HA and HSA activities were then combined.

Depth (ft)	PID (ppm)	Samples	Recovery (%)	Water	Graphic Log	Material Description	Staining	Well Diagram
-2								
-1								
0						Silty sand: traces of clay, fine-medium grained, moderate yellowish brown to dark yellowish brown, moist, no hydrocarbon odor		portland cement
1								
2	0.1							
3								
4								
5								
6		SB-125 (6'-7')						
7	0.1							
8								
9	0							hydrated bentonite
10								
11	0.1							
12								
13	0.1							
14								
15	0.1					Silty clay to sand: moderate yellowish brown to dark yellowish brown, stiff clay, moist to wet, no hydrocarbon odor		
16	1.5	SB-125 (15'-16')		▽				
17	0.4							
18	0.6	SB-125 (17'-18')				TD at 18 ft bgs		
19								
20								

Disclaimer This bore log should not be used separately from this report..

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APPENDIX E

Executed C-138 Solid Waste Acceptance Form

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

97057-1125

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

2. Originating Site: Largo Compressor Station

3. Location of Material (Street Address, City, State or ULSTR):
Unit Letter J Section 15 T26N R7W; 36.485365, -107.555828; Rio Arriba, NM MAY 2022

4. Source and Description of Waste:
Source: Hydrocarbon Impacted Soil and water from remediation activities
Description: Hydrocarbon Impacted Soil and water from remediation activities.
Estimated Volume 2 yd³ / (bbls) Known Volume (to be entered by the operator at the end of the haul) 2 yd³ / (bbls)

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long, representative or authorized agent for Enterprise Field Services, LLC do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☐ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. ***Operator Use Only: Waste Acceptance Frequency*** ☐ ***Monthly*** ☐ ***Weekly*** ☒ ***Per Load***

☒ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☒ RCRA Hazardous Waste Analysis ☒ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long, 5-3-2022, representative for Enterprise Field Services, LLC authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

I, Greg Crabtree, representative for Envirotech do hereby certify that
Representative/Agent Signature
representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter: West State Energy Contractors

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: **Envirotech Inc. Soil Remediation Facility * Permit #: NM 01-0011**
Address of Facility: **Hilltop, NM**
Method of Treatment and/or Disposal:
☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree TITLE: Enviro Manager DATE: 5/3/22
SIGNATURE: TELEPHONE NO.:
Surface Waste Management Facility Authorized Agent 505-632-0615

ENSOLUM

APPENDIX F

New Mexico Office of the State Engineer Permit Approval

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STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
AZTEC

John R. D'Antonio, Jr., P.E.
State Engineer

100 Gossett Drive, Suite A
Aztec, New Mexico 87410

July 28, 2021

Tom Long
Enterprise Products
614 Reilly Ave.
Farmington, NM 87401

RE: Permit Approval to Drill Wells with no Water Right, SJ-4249 POD51–POD59, Enterprise Products, Largo Compressor Station

Dear Mr. Long:

On July 22, 2021, the New Mexico Office of the State Engineer received an application for a permit for the drilling and temporary use of nine wells for groundwater monitoring and sampling activities at the above referenced location. The permit has been approved subject to the conditions set forth on the approval page and in the attached Conditions of Approval. A new permit will be required in order to extract water from the wells for any purposes not covered by this permit. A receipt for the fees paid is also enclosed.

Additionally, a standardized plugging method has also been included in the Conditions of Approval for the future abandonment of the wells covered by this permit. This eliminates the need to submit a separate Well Plugging Plan of Operations for approval by the NMOSE prior to plugging, unless an alternate plugging method is proposed, required by a separate oversight agency, necessary due to incompatibility with actual conditions, or artesian conditions are encountered. Well completion and plugging records should be sent to the NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410.

If you have any questions regarding this permitting action, please feel free to contact me at (505) 383-4571.

Sincerely,

Miles Juett
Assistant Watermaster
Water Rights Division – District V Office

Enclosures

cc: Aztec Reading (w/o enclosures)
SJ-4249 File
WATERS
Kyle Summers, Ensolum, LLC, via email: ksummers@ensolum.com
Brandon Powell, NMOCD District 3, via email: brandon.powell@state.nm.us

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OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – AZTEC OFFICE

OFFICIAL RECEIPT NUMBER: 5 - 6861 DATE: 7-12-2021 FILE NO.: SJ - 4249

TOTAL: 145.00 RECEIVED: Forty- Five DOLLARS ☐ CASH: ☒ CHECK NO.: 1534

PAYOR: Kayle G. Summers ADDRESS: 791 Rd 3000

CITY: Aztec STATE: NM ZIP: 87410 RECEIVED BY: MJ

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; **yellow** copy remains in district office; and **goldenrod** copy to accompany application being filed. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of the daily deposit.

A. Ground Water Filing Fees

___	1. Change of Ownership of Water Right	$ 2.00
___	2. Application to Appropriate or Supplement Domestic 72-12-1 Well	$ 125.00
___	3. Application to Repair or Deepen 72-12-1 Well	$ 75.00
___	4. Application for Replacement 72-12-1 Well	$ 75.00
___	5. Application to Change Purpose of Use 72-12-1 Well	$ 75.00
___	6. Application for Stock Well/Temp. Use	$ 5.00
___	7. Application to Appropriate Irrigation, Municipal, or Commercial Use	$ 25.00
___	8. Declaration of Water Right	$ 1.00
___	9. Application for Supplemental Non 72-12-1 Well	$ 25.00
___	10. Application to Change Place or Purpose of Use Non 72-12-1 Well	$ 25.00
___	11. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	$ 50.00
___	12. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water	$ 50.00
___	13. Application to Change Point of Diversion of Non 72-12-1 Well	$ 25.00
___	14. Application to Repair or Deepen Non 72-12-1 Well	$ 5.00
9	15. Application for Test, Expl. Observ. Well	$ 5.00
___	16. Application for Extension of Time	$ 25.00
___	17. Proof of Application to Beneficial Use	$ 25.00
___	18. Notice of Intent to Appropriate	$ 25.00

B. Surface Water Filing Fees

___	1. Change of Ownership of a Water Right	$ 5.00
___	2. Declaration of Water Right	$ 10.00
___	3. Amended Declaration	$ 25.00
___	4. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water	$ 200.00
___	5. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	$ 200.00
___	6. Application to Change Point of Diversion	$ 100.00
___	7. Application to Change Place and/or Purpose of Use	$ 100.00
___	8. Application to Appropriate	$ 25.00
___	9. Notice of Intent to Appropriate	$ 25.00
___	10. Application for Extension of Time	$ 50.00
___	11. Supplemental Well to a Surface Right	$ 100.00
___	12. Return Flow Credit	$ 100.00
___	13. Proof of Completion of Works	$ 25.00
___	14. Proof of Application of Water to Beneficial Use	$ 25.00
___	15. Water Development Plan	$ 100.00
___	16. Declaration of Livestock Water Impoundment	$ 10.00
___	17. Application for Livestock Water Impoundment	$ 10.00

All fees are non-refundable.

C. Well Driller Fees

___	1. Application for Well Driller's License	$ 50.00
___	2. Application for Renewal of Well Driller's License	$ 50.00

D. Reproduction of Documents

___ @ 25¢/copy $_____

___ Map(s) $_____

E. Certification $_____

F. *Credit Card Convenience Fee $_____

G. Other_____ $_____

Comments:

9 new MWs @ Enterprise Products, Largo Compressor Station

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File No. SJ-4249 POD51-59

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☐ Other(Describe):
☒ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☒ Temporary Request - Requested Start Date: 8/16/21	Requested End Date: Unknown
Plugging Plan of Operations Submitted? ☐ Yes ☒ No	

1. APPLICANT(S)

Name: Enterprise Products Company	Name: Ensolum, LLC
Contact or Agent: Thomas Long — check here if Agent ☐	Contact or Agent: Kyle Summers — check here if Agent ☒
Mailing Address: 614 Reilly Ave.	Mailing Address: 606 South Rio Grande, Suite A
City: Farmington	City: Aztec
State: New Mexico — Zip Code: 87401	State: New Mexico — Zip Code: 87410
Phone: 505-215-4727 — ☐ Home ☒ Cell Phone (Work):	Phone: 903-821-5603 — ☐ Home ☒ Cell Phone (Work):
E-mail (optional): tjlong@eprod.com	E-mail (optional): ksummers@ensolum.com

FOR OSE INTERNAL USE — Application for Permit, Form WR-07, Rev 11/17/16

File No.: SJ-4249 POD51-POD59	Trn. No.:	Receipt No.: 5-6861
Trans Description (optional):		
Sub-Basin:	PCW/LOG Due Date: 7-28-2022	

2021 JUL 22 PM 1:30
AZTEC, NEW MEXICO
OIL CONSERVATION DIVISION

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2. **WELL(S)** Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83). UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: **-Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name**
see attached	see attached	see attached	see attached

2021 JUL 22 PM 1:30
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AZTEC, NEW MEXICO

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ **Yes** ■ **No** **If yes, how many**_____

Other description relating well to common landmarks, streets, or other:
see attached

Well is on land owned by: John Oliver Berry and Patricia Joan Berry / Enterprise

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. **Attached?** ■ **Yes** ☐ **No**
If yes, how many 9

Approximate depth of well (feet): 20	Outside diameter of well casing (inches): 2.25
Driller Name: Enviro-Drill, Inc.	Driller License Number: WD-1186

3. **ADDITIONAL STATEMENTS OR EXPLANATIONS**

Due to damaged well screens, Enterprise plans to replace SJ-4249 POD26 (MW-48) and SJ-4249 POD30 (MW-55) to allow for continued groundwater monitoring at the site.

Enterprise proposes to install seven (7) additional monitoring well to evaluate constituent of concern concentrations in groundwater at the site. The proposed monitoring well will be completed utilizing a hollow stem auger drilling rig.

Low flow or bailer sampling methods will be utilized to sample the monitoring wells, resulting in minimal water removal.

A copy of the surface easement agreement between the private landowner and Enterprise is provided (see attached).

FOR OSE INTERNAL USE — Application for Permit, Form WR-07

File No.: SJ-4249 POD51-59	Trn No.:

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4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory:	**Pollution Control and/or Recovery:**	**Construction De-Watering:**	**Mine De-Watering:**
☐ Include a description of any proposed pump test, if applicable.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ■ Include the reason for the monitoring well, and, ■ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Thomas J. Long
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

2021 JUL 22 PM 1:32
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 28 day of July 20 21, for the State Engineer,

John R. D'Antonio Jr., P.E., State Engineer

By: Signature — Miles Juett Print

Title: Assistant Watermaster
Print

FOR OSE INTERNAL USE — Application for Permit, Form WR-07

File No. SJ-4249 POD51-59	Trn No.:

Received by OCD: 2/15/2024 12:15:47 PM

Released to Imaging: 4/22/2024 3:47:57 PM

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POD Number	Well Number (If Known)	Existing, New, or Proposed	X or Eas ng or Longi de	Y or Northing or Latitude	Public Land Survey System (PLSS)	Well Diameter (inches)	Approximte Well Depth (feet)	Approximate Depth to Water (feet)	Driller	Driller #	Comments
SJ-4249 POD51	MW-33R	Proposed	-107.55 83	36.485313	NE 1/4 of SE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	
SJ-4249 POD52	MW-35R	Proposed	-107.55 57	36.485592	NE 1/4 of SE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	
SJ-4249 POD53	MW-36R	Proposed	-107.5 6	36.48578	NE 1/4 of SE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	
SJ-4249 POD54	MW-37R	Proposed	-107.55 64	36.486028	NE 1/4 of SE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	
SJ-4249 POD55	SB-122/MW-122	Proposed	-107.55 13	36.486319	SE 1/4 of NE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	
SJ-4249 POD56	SB-123/MW-123	Proposed	-107.55 05	36.485499	NE 1/4 of SE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	
SJ-4249 POD57	SB-124/MW-124	Proposed	-107.55 85	36.485033	NE 1/4 of SE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	
SJ-4249 POD58	MW-48R	Proposed	-107.55 94	36.48635	SE 1/4 of NE 1/4, S15 T26N R7W	2	20	12	Enviro-Drill Inc	WD-1186	Replacement well.
SJ-4249 POD59	MW-55R	Proposed	-107.55 74	36.486404	SE 1/4 of NE 1/4, S15 T26N R7W	2	20	10	Enviro-Drill Inc	WD-1186	Replacement well.

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO
2021 JUL 22 PM 1:32

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NMOSE Permit for a Well(s) With No Water Right
Conditions of Approval
SJ-4249 POD51-POD59

The New Mexico Office of the State Engineer (NMOSE) has determined that existing water rights will not be impaired by this activity. This application is approved without publication provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state. This application approval (i.e., permit) is further subject to the following conditions of approval.

1. This application is approved as follows:

Permittee(s): Enterprise Products
via Kyle Summers, Ensolum, LLC., as Agent
614 Reilly Avenue
Farmington, NM 87401

Permit Number: SJ-4249

Application File Date: July 22, 2021

Priority: N/A

Source: Groundwater

Point(s) of Diversion: SJ-4249 POD51-POD59, consisting of nine new monitoring wells, are proposed for temporary use for groundwater monitoring. The well(s) (aka, point of diversion; POD) are associated with the Enterprise Products Largo Compressor Station release site investigation and are located on lands owned by Enterprise Field Services, LLC, and John and Joan Berry, in Rio Arriba County, New Mexico, within the NW/4 NE/4 SE/4 and the SE/4 SE/4 NE/4 of Section 15, Township 26 North, Range 7 West, NMPM, at the following approximate point locations (Lat/Long, Decimal Degrees, WGS84).

POD Number and Owner's Well Name	Casing - Inside Diameter (inches)	Latitude (DD, N)	Longitude (DD, W)
SJ-4249 POD51 (MW-33R)	2.25	36.485313	107.555683
SJ-4249 POD52 (MW-35R)	2.25	36.485592	107.555657
SJ-4249 POD53 (MW-36R)	2.25	36.48578	107.5556
SJ-4249 POD54 (MW-37R)	2.25	36.486028	107.555264
SJ-4249 POD55 (SB-122/MW-122)	2.25	36.486319	107.555813
SJ-4249 POD56 (SB-123/MW-123)	2.25	36.485499	107.555205
SJ-4249 POD57 (SB-124/MW-124)	2.25	36.485033	107.555685
SJ-4249 POD58 (MW-48R)	2.25	36.48635	107.554994
SJ-4249 POD59 (MW-55R)	2.25	36.486404	107.554774

Purpose of Use: Groundwater monitoring and sampling

Place of Use: N/A

Amount of Water: None

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2. Only *de minimis* amounts of water generated as a result of well development activities and periodic sampling or gauging activities are permitted to be removed from the approved PODs.

3. The well(s) may continue to be used indefinitely for groundwater sampling or monitoring purposes, as required for the current site investigation and any associated remediation, so long as they are required for such activities and remain in good repair. **A new application shall be submitted and a permit obtained from the NMOSE prior to replacing a well(s) or for any change in use as approved herein.**

4. Upon completion of monitoring activities the well(s) shall be plugged in accordance with Subsection C of 19.27.4.30 NMAC, unless a permit to use water is acquired from the NMOSE.

5. Water well drilling and well drilling activities, including well plugging, are regulated under NMOSE Regulations 19.27.4 NMAC. These regulations apply, and provide both general and specific direction regarding the drilling of wells in New Mexico. Note that the construction of any well that allows groundwater to flow uncontrolled to the land surface or to move appreciably between geologic units is prohibited.

6. In accordance with Subsection A of 19.27.4.29 NMAC, on-site supervision of well drilling/plugging is required by the holder of a New Mexico Well Driller License or a NMOSE-registered Drill Rig Supervisor. The New Mexico licensed Well Driller shall ensure that well drilling activities are completed in accordance with 19.27.4.29, 19.27.4.30 and 19.27.4.31 NMAC. However, pursuant to 72-12-12 NMSA 1978 and 19.27.4.8 NMAC, a driller's license is not required for the construction of a driven well with an outside casing diameter of 2⅜ inches or less and that does not require the use of a drill rig (e.g., auger) for installation. This exemption is not applicable to well plugging.

7. When the permittee receives approval or direction to permanently abandon the well(s)/borehole(s) covered by this permit, plugging shall be performed by a New Mexico licensed well driller. The well(s)/borehole(s) shall be plugged pursuant to Subsection C of 19.27.4.30 NMAC using the following method, unless an alternate plugging method has been proposed by or on behalf of the well owner and approved by the NMOSE. If a well/borehole has encountered artesian conditions, a Well Plugging Plan of Operations shall be submitted and NMOSE approval obtained *prior* to the initiation of *any* well plugging activities concerning artesian wells. Additionally, if the following standardized plugging sealant is not appropriate for use due to incompatibility with the water quality or any soil and water contaminates encountered, a Well Plugging Plan of Operations shall be submitted and NMOSE approval obtained *prior* to the initiation of *any* well plugging activities.

    a. Obstructions in a well/borehole shall be identified and removed if possible. If an obstruction cannot be removed, the method used to grout below and around the obstruction shall be described in detail in the plugging record.

    b. Prior to plugging, calculate the theoretical volume of sealant needed for abandonment of the well/borehole based on the actual measured pluggable depth of the well/borehole and the volume factor for the casing/borehole diameter. Compare the actual volume of sealant placed in the well/borehole with the theoretical volume to verify the actual volume of sealant is equal to or exceeds the theoretical volume.

    c. Portland Type I/II cement shall be used for the plugging sealant. The water mixed with the cement to create the plugging sealant shall be potable water or of similar quality.

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Portland cement has a fundamental water demand of 5.2 gallons of water per 94-lb sack of cement. Up to a maximum of 6.0 gallons per 94-lb sack is acceptable to allow for greater pumpability.

Pure bentonite powder ("90 barrel yield") is allowed as a cement additive by NMOSE and American Water Works Association (AWWA) guidelines. If a bentonite additive is used, the following rates and mixing guidelines shall be followed. For a rate or a mixing procedure other than that provided below, the NMOSE District V office must be contacted for pre-approval. Neither granular bentonite nor extended-yield bentonite shall be mixed with cement for the purpose of this plugging activity. When supplementing a cement slurry with bentonite powder, water demand for the mix increases at a rate of approximately 0.65 gallon of water for each 1% increment of bentonite bdwc (by dry weight cement) above the stated base water demand of 5.2 gallons water per 94-lb sack of cement for neat cement. Bentonite powder must be hydrated separately with its required increment of water before being mixed into the wet neat cement. If water is otherwise added to the combination of dry ingredients or the dry bentonite is blended into wet cement, the alkalinity of the cement will restrict the yield of the bentonite powder, resulting in excess free water in the slurry and excessive cement shrinkage upon curing.

d. Placement of the sealant within the well/borehole shall be by pumping through a tremie pipe extended to near the bottom of the well/borehole and kept below the top of the slurry column (i.e., immersed in the slurry) as the well/borehole is plugged from bottom upwards in a manner that displaces the standing water column.

e. Prior to, or upon completion of plugging, the well casing may be cut-off below grade as necessary to allow for approved construction onsite, provided a minimum six-inch thickness of reinforced abandonment plugging sealant or concrete completely covers the top of the cut-off casing. Any remaining void to the surface may be filled with native soil, concrete, or asphalt as needed to match the surrounding surface material and blended with the surface topography to prevent ponding.

f. **Within 30 days after completion of well/borehole plugging, a complete Plugging Record shall be filed with the State Engineer** in accordance with Paragraph (3) of Subsection C of 19.27.4.30 NMAC for each well/boring plugged. The Well Plugging Record(s) shall be filed with the State Engineer at the NMOSE District V Office, 100 Gossett Drive, Suite A, Aztec, NM 87410. The well plugging record form is available at http://www.ose.state.nm.us/.

8. Should another regulatory agency sharing jurisdiction of the project authorize, or by regulation require, more stringent requirements than stated herein, the more stringent procedure should be followed. These, among others, may include provisions regarding pre-authorization to proceed, type of methods and materials used, inspection, or prohibition of free discharge of any fluid or other material to or from the well that is related to the drilling and/or monitoring process.

9. Pursuant to 72-12-3 NMSA 1978, the applicant may or may not have provided written documentation which the applicant claims as confirmation that access has been granted for the aforementioned well(s) to be located on property owned by someone other than the well owner/applicant. NMOSE approval of this permit in no way infers the right of access to land not owned by the well owner/applicant.

10. The State Engineer retains jurisdiction of this permit.

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The application for the temporary use of non-consumptive use well(s) SJ-4249 POD51-POD59 for groundwater monitoring purposes, submitted July 22, 2021, is hereby approved with the aforesaid conditions applied, when signed by an authorized designee of the State Engineer:

Witness my hand and seal this 28th day of July, A.D. 2021.
John R. D'Antonio, Jr., P.E., State Engineer

By: _____

Miles Juett, Assistant Watermaster
District V Office, Water Rights Division

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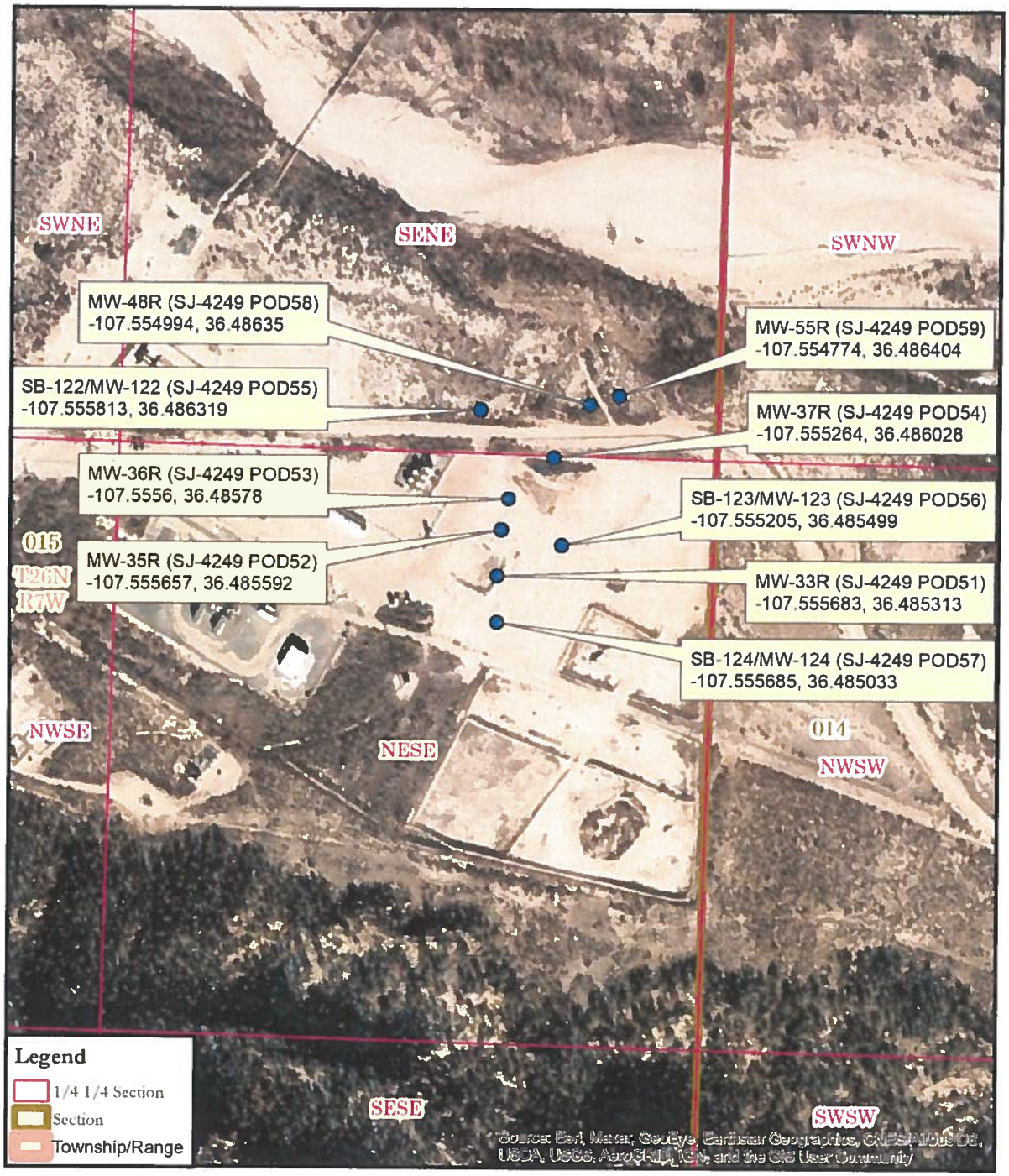

Map Description: Enterprise Products, Largo Compressor Station, San Juan County, New Mexico
Data sources: Application materials
File number: SJ-4249 POD51-59
Aerial Photography: World Imagery

N

STATE OF NEW MEXICO
Office of the State Engineer
John R. D'Antonio Jr., P.E.
State Engineer

District V Office, Aztec
Well Location Map

Office of the State Engineer
Interstate Stream Commission

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ENSOLUM

APPENDIX G

Tables

ENSOLUM

TABLE 1
Largo Compressor Station - Area 3 (Retention Pond Area)[1]
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[3] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[3] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria [2]			10	NE	NE	NE	50	NE	NE	NE	100	600
Monitoring Well Locations and Recent Soil Boring Locations Removed by Excavation During Remediation												
MW-33	11.16.10	7 to 8	7.2	82	17	170	**280**	3,300	160	NA	**3,500**	NA
MW-35	11.17.10	9 to 10	**11**	130	32	300	**470**	7,900	440	NA	**8,300**	NA
MW-36	11.17.10	12 to 13	<0.05	<0.05	<0.05	<0.10	ND	<5.0	<10	NA	ND	NA
MW-37	11.17.10	11 to 12	<0.05	14	9.5	89	**110**	2,000	290	NA	**2,300**	NA
SB-92	6.12.17[A]	8 to 9	4.7	38	22	210	**280**	4,700	810	980	**6,500**	72
	6.6.17	12 to 15	**14**	180	41	360	**600**	11,000	670	130	**12,000**	48
		19 to 20	<0.023	<0.047	<0.047	<0.094	ND	4.7	<9.9	<49	4.7	<30
SB-93	6.13.17[A]	9 to 10	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<10	<50	ND	110
	6.6.17	13 to 15	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<9.9	<49	ND	<30
		18 to 20	<0.023	<0.047	<0.047	<0.094	ND	<4.7	<9.2	<46	ND	<30
SB-94	6.7.17	9 to 10	<0.024	<0.047	<0.047	<0.094	ND	<4.7	<9.6	<48	ND	400
		18 to 19	<0.023	<0.046	<0.046	<0.093	ND	<4.6	<10	<50	ND	<30
		19 to 20	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<9.3	<46	ND	<30
SB-96	6.5.17	6 to 7	8.1	77	15	360	**460**	11,000	710	280	**12,000**	68
	6.8.17	12 to 13	5.4	2.5	16	42	**66**	3,900	140	330	**4,400**	60
		19 to 20	<0.023	<0.046	<0.046	<0.093	ND	<4.6	<9.9	<49	ND	<30
SB-98	6.5.17	16 to 18	0.35	<0.48	0.55	8.1	9.0	230	25	<47	**260**	<30
		19 to 20	<0.025	<0.049	<0.049	<0.099	ND	<4.9	<9.7	<49	ND	<30
SB-102	6.7.17	8 to 9	0.47	5.7	1.5	15	23	570	27	<48	**600**	65
		12 to 13	<0.024	0.18	0.094	0.80	1.1	39	<10	<50	39	<30
SB-104	6.13.17[A]	8 to 9	<0.024	<0.048	<0.048	<0.096	ND	<4.8	24	470	**490**	33
	6.6.17	16 to 17	<0.024	<0.048	<0.048	<0.095	ND	<4.8	<9.3	<46	ND	<30
		19 to 20	<0.024	<0.048	<0.048	<0.096	ND	<4.8	<9.3	<47	ND	<30
SB-105	6.12.17[A]	11 to 12	<0.024	<0.048	<0.048	<0.096	ND	<4.8	57	<50	57	<30
	6.6.17	13 to 15	<0.023	0.062	<0.047	0.33	0.39	8.1	<10	<50	8.1	<30
		19 to 20	<0.025	<0.049	<0.049	<0.099	ND	<4.9	<9.2	<46	ND	<30

ENSOLUM

TABLE 1
Largo Compressor Station - Area 3 (Retention Pond Area)[1]
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[3] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[3] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria [2]			10	NE	NE	NE	50	NE	NE	NE	100	600
SB-106	6.12.17[A]	6 to 7	<0.46	<0.92	7.5	62	**70**	1,700	260	240	**2,200**	100
		11 to 12	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<9.8	<49	ND	36
	6.6.17	15 to 17	<0.023	<0.047	<0.047	<0.093	ND	<4.7	<9.9	<49	ND	<30
		19 to 20	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<10	<50	ND	<30
SB-107	6.13.17	7 to 8	**11**	140	50	460	**660**	9,800	760	190	**11,000**	88
		11 to 12	0.30	1.4	1.0	7.5	10	260	12	<48	**280**	31
SVET-1	6.5.17	6 to 7	6.8	200	51	590	**850**	14,000	1,000	460	**15,000**	57
	6.7.17	12 to 12.5	0.89	4.5	3.2	27	36	800	45	<49	**850**	<40
		13.5 to 14	0.17	<0.049	0.62	0.55	1.3	43	<9.4	<47	43	<30
SVET-2	6.5.17	7 to 8	7.4	83	18	190	**300**	6,100	450	120	**6,700**	49
	6.7.17	12 to13.5	1.8	14	4.4	40	**60**	800	12	<46	**810**	<30
		19 to 20	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<9.4	<47	ND	<30
SB-112	7.02.18	5 to 6	<0.023	<0.046	<0.046	<0.092	ND	<4.6	<9.9	<49	ND	NA
		7 to 8	<0.024	0.69	15	82	**98**	4,100	270	150	**4,500**	NA
		8 to 9	<0.024	0.067	1.1	4.5	5.7	330	60	68	**460**	NA
		9 to 10	<0.023	<0.046	0.050	0.15	0.20	13	<9.9	<50	13	NA
SB-116	9.04.18	6 to 10	1.3	23	7.2	72	**100**	3,300	56	<48	**3,400**	98
		14 to 16	<0.024	0.048	<0.048	0.12	0.17	8.6	<9.7	<48	8.6	<30
SB-117	9.04.18	6 to 8	2.5	1.4	17	160	**180**	5,000	190	67	**5,300**	100
		14 to 16	<0.024	<0.049	<0.049	<0.098	ND	<4.9	<9.9	<49	ND	<30
SB-118	9.04.18	8 to 10.5	1.3	<0.50	4.2	39	45	1,500	20	<50	**1,500**	59
		14 to 16	<0.024	<0.048	<0.048	<0.097	ND	<4.8	<9.9	<50	ND	<30
SB-119	9.04.18	8 to 10	0.20	1.5	0.77	9.9	12	280	<9.7	<48	**280**	83
		14 to 16	<0.023	<0.046	<0.046	<0.093	ND	<4.6	<9.9	<49	ND	<30
SB-120	9.04.18	8 to 9	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<9.9	<49	ND	89
		14 to 16	<0.024	<0.048	<0.048	<0.095	ND	<4.8	<9.8	<49	ND	<30

ENSOLUM

TABLE 1
Largo Compressor Station - Area 3 (Retention Pond Area)[1]
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[3] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[3] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria [2]			10	NE	NE	NE	50	NE	NE	NE	100	600
Soil Boring Locations Advanced by Apex TITAN, Inc. (2017-2018)												
SB-91	6.12.17[A]	11.5 to 12	<0.023	<0.046	<0.046	<0.093	ND	<4.6	<9.9	<49	ND	<30
	6.6.17	19 to 20	<0.024	<0.048	<0.048	<0.097	ND	<4.8	<9.7	<49	ND	<30
SB-95	6.7.17	10 to 11	<0.023	<0.047	<0.047	<0.094	ND	<4.7	<9.7	<48	ND	100
	6.7.17	18 to 19	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<9.5	<47	ND	<30
		19 to 20	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<10	<50	ND	<30
SB-97	6.6.17[A]	11 to 12	<0.024	<0.048	<0.048	<0.096	ND	<4.8	<9.7	<49	ND	<30
	6.5.17	14 to 16	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<9.9	<50	ND	<30
		19 to 20	<0.024	<0.049	<0.049	<0.098	ND	<4.9	<9.7	<48	ND	<30
SB-99	6.13.17[A]	6 to 7	<0.023	<0.047	<0.047	<0.093	ND	<4.7	<9.4	<47	ND	<30
	6.7.17	17 to 18	<0.023	<0.046	<0.046	<0.092	ND	<4.6	<9.5	<48	ND	<30
		19 to 20	<0.024	<0.048	<0.048	<0.097	ND	<4.8	<9.4	<47	ND	<30
SB-100	6.13.17[A]	7 to 8	<0.024	<0.048	<0.048	<0.095	ND	<4.8	<10	<50	ND	170
	6.7.17	18 to 19	<0.023	<0.047	<0.047	<0.094	ND	<4.7	<9.7	<48	ND	<30
		19 to 20	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<10	<50	ND	<30
SB-101	6.7.17	9 to 10	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<10	<50	ND	38
		11 to 12	<0.025	<0.049	<0.049	<0.099	ND	<4.9	<9.5	<47	ND	<30
SB-109	7.02.18	9	<0.023	<0.046	<0.046	<0.092	ND	<4.6	<9.9	<50	ND	NA
SB-110	7.02.18	9 to 10	<0.024	<0.048	<0.048	<0.095	ND	<4.8	<9.8	<49	ND	NA
		10 to 11	<0.024	<0.049	<0.049	<0.098	ND	<4.9	<9.9	<49	ND	NA
SB-111	7.02.18	12.5	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<9.9	<49	ND	NA
SB-113	7.02.18	3 to 4	<0.025	<0.049	<0.049	<0.099	ND	<4.9	<10	<50	ND	NA
		9 to 10	<0.024	<0.048	<0.048	<0.096	ND	<4.8	<9.8	<49	ND	NA
SB-114	9.04.18	8 to 10	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<10	<50	ND	<30
		10 to 12	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<9.8	<49	ND	<30
SB-115	9.04.18	8 to 10	<0.024	<0.048	<0.048	<0.097	ND	<4.8	<9.8	<49	ND	220
		11 to 12	<0.025	<0.049	<0.049	<0.099	ND	<4.9	<9.6	<48	ND	39
SB-121	9.04.18	12 to 14	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<9.8	<49	ND	<30
		14 to 16	<0.023	<0.047	<0.047	<0.093	ND	<4.7	<9.8	<49	ND	<30

ENSOLUM

TABLE 1
Largo Compressor Station - Area 3 (Retention Pond Area)[1]
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[3] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[3] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria [2]			10	NE	NE	NE	50	NE	NE	NE	100	600
Recent Soil Boring Locations Advanced by Ensolum, LLC (2021)												
MW-33R	9.02.21	5	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<10	58	58	<60
	12.20.21	15 to 16	0.32	<0.24	1.5	5.5	7.3	380	110	93	**580**	<59
	12.20.21	17 to 18	<0.023	<0.046	<0.046	<0.092	ND	<4.6	<8.5	<42	ND	<60
MW-35R	9.02.21	5 to 6	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<9.4	<47	ND	<59
	12.16.21	15 to 16	<0.023	0.075	0.63	<0.094	0.71	310	<9.8	<49	**310**	<60
	12.16.21	17 to 18	<0.024	<0.049	<0.049	<0.098	ND	<4.9	<9.4	<47	ND	<60
MW-36R	9.02.21	5 to 6	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<10	<50	ND	140
	12.16.21	12 to 14	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<9.9	<49	ND	82
	12.16.21	16 to 18	<0.024	<0.048	<0.048	<0.096	ND	<4.8	<8.7	<44	ND	<60
MW-37R	9.02.21	4 to 5	<0.023	<0.046	<0.046	<0.092	ND	<4.6	<7.9	<39	ND	<59
	12.16.21	13 to 15	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<8.5	<42	ND	<60
	12.16.21	16.5 to 18	<0.023	<0.047	<0.047	<0.093	ND	<4.7	<8.9	<44	ND	<61
MW-48R	9.03.21	7	<0.024	<0.048	<0.048	<0.096	ND	<4.8	<9.8	<49	ND	71
		10	0.69	16	5.1	55	**77**	2,400	47	<47	**2,400**	<61
	12.20.21	14 to 15	<0.024	<0.048	<0.048	<0.097	ND	<4.8	<8.7	<43	ND	<60
SB-122/MW-122	9.03.21	2	<0.024	<0.047	<0.047	0.15	0.15	4.9	<9.4	<47	4.9	<59
		6	<0.023	<0.046	<0.046	<0.093	ND	<4.6	<9.4	<47	ND	<60
	12.21.21	12 to 14	<0.024	<0.048	<0.048	<0.095	ND	<4.8	<10	<50	ND	<60
	12.21.21	15 to 17	<0.023	<0.047	<0.047	<0.094	ND	<4.7	<9.2	<46	ND	<59
	12.21.21	17 to 18	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<8.6	<43	ND	<60
SB-123/MW-123	9.02.21	5	<0.023	<0.047	<0.047	<0.094	ND	<4.7	<8.1	<40	ND	<59
	12.16.21	14 to 15	<0.023	<0.047	<0.047	<0.094	ND	<4.7	<9.4	68	68	<60
	12.16.21	19 to 20	<0.024	<0.049	<0.049	<0.098	ND	<4.9	<8.0	<40	ND	<60
SB-124/MW-124	9.03.21	5 to 6	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<9.1	<45	ND	<60
	12.20.21	15 to 17	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<8.2	<41	ND	<60
	12.20.21	19 to 20	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<7.6	<38	ND	<60

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TABLE 1
Largo Compressor Station - Area 3 (Retention Pond Area)[1]
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[3] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[3] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria [2]			**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
SB-125	9.02.21	6 to 7	<0.024	<0.048	<0.048	<0.097	ND	<4.8	<9.1	<45	ND	<61
	12.20.21	15 to 16	<0.024	<0.047	<0.047	<0.095	ND	<4.7	<8.7	<43	ND	<60
	12.20.21	17 to 18	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<8.4	<42	ND	<60

Notes:

*Concentrations in **bold** and yellow exceed the applicable NM EMNRD OCD Closure Criteria*

[1] = Due to the volume of data not all historical data is included in this report. Additional data can be found in the Soil Remediation Plan, Apex, May 11, 2017.

[2] = The closure criteria listed herein are those approved by the New Mexico EMNRD OCD in 2017 for specific historic releases and the associated remediation activities described in the Soil Remediation Plan, Apex, May 11, 2017.

[3] = Total combined concentrations are rounded to two (2) significant figures to match the laboratory resolution of the individual constituents.

[A] = These locations were resampled at a later date to obtain additional shallow samples by advancing a duplicate boring adjacent to the original boring.

mg/kg = milligrams per kilogram

NA = Not Analyzed

NE = Not Established

ND = Not Detected above the Laboratory Reporting Limits or Practical Quantitation Limits

BTEX = Benzene, Toluene, Ethylbenzne, and Total Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
Monitoring Wells Installed by Lodestar								
P-3	4.04.08	NA	**780**	13	81	20	4.2	<1.0
	8.10.09	NA	**35**	<1.0	3.8	<2.0	NA	NA
	11.24.09	NA	1.4	<1.0	1.5	<2.0	NA	NA
	2.25.10	NA	3.6	10	2.0	24	NA	NA
MW-3R (P-3*)	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	**13**	<1.0	1.3	6.4	1.4	1
	8.26.10	NA	5.0	<1.0	<1.0	2.3	0.46	<1.0
	11.18.10	NA	3.9	<1.0	<1.0	<2.0	0.47	<1.0
	2.1.11	NA	2.0	<1.0	<1.0	<2.0	0.16	<1.0
	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	1.5	<1.0	<1.0	7.1	1.50	<1.0
	10.27.11	NA	1.1	<1.0	<1.0	<2.0	0.57	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	0.16	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	0.36	<1.0
	10.19.12	NA	<1.0	<1.0	1.2	2.8	0.48	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	2.8	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	1.5	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	1.1	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-6	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	8,420	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-7	8.10.09	NA	**15,000**	<100	380	310	NA	NA
	11.24.09	NA	**13,000**	<100	150	<200	NA	NA
	2.25.10	NA	**3,000**	<10	40	31	NA	NA
	4.05.10	NA	**940**	<10	<10	<20	4.2	1.3
	5.27.10	NA	**700**	<10	11	<20	NA	NA
	7.13.10	NA	**15,000**	<10	130	25	51	4.6
	8.26.10	NA	**5,300**	<20	35	<40	18	1.7
	11.18.10	NA	**3,700**	<20	62	<40	11	1.2
	2.1.11	NA	**1,800**	<1.0	10	4.6	2.2	<1.0
	4.19.11	NA	**250**	<1.0	2.9	2.4	0.75	<1.0
	5.19.11	NA	**1,400**	<5.0	15.0	<10	4.0	<1.0
	7.28.11	NA	**75**	<5.0	200	62.0	45	2.7
	10.28.11	NA	**1,300**	<10	140	<20	32	6.1
	1.31.12	NA	**9,000**	<10	110	<20	21	4.5
	4.19.12	NA	**790**	<10	15	<20	2.7	<1.0
	7.31.12	NA	**2,500**	<10	35	<20	6.4	<1.0
	10.19.12	NA	**8,200**	<10	130	36.0	32	2.5
	4.24.13	NA	**120**	<1.0	2.1	<2.0	0.60	<1.0
	10.25.13	NA	**45**	<1.0	<1.0	<2.0	0.19	<1.0
	4.22.14	NA	**43**	<1.0	<1.0	3.1	0.13	<1.0
	10.29.14	NA	2.3	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	**24**	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	**25**	<1.0	<1.0	3.6	NA	NA
	4.27.16	NA	7.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	**500**	<1.0	6.7	2.3	NA	NA
	5.18.17	NA	**27**	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	**1,300**	<1.0	17	<2.0	NA	NA
	5.08.18	NA	**35**	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	**5,800**	<1.0	63	<2.0	NA	NA
	6.14.19	NA	**17**	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-8	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-9	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
P-2	4.04.08	NA	**15,000**	**2,100**	380	**4,600**	120	6.8
	8.10.09	NA	**9,800**	110	170	**1,400**	NA	NA
	11.24.09	NA	**21,000**	360	460	**2,700**	NA	NA
	2.25.10	NA	**19,000**	380	380	**2,800**	NA	NA
MW-11 (P-2*)	4.05.10	NA	<1.0	<1.7	<1.0	3.3	0.22	<1.0
	5.27.10	NA	4.4	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	**700**	4.5	11	56	3.6	1.2
	8.26.10	NA	**86**	<1.0	1.3	4.9	0.4	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	0.14	<1.0
	2.4.11	NA	**21**	<1.0	<1.0	<1.0	0.075	<1.0
	4.19.11	NA	**96**	12	1.2	27	0.39	<1.0
	7.28.11	NA	**46**	<1.0	38	76	11	1.7
	10.28.11	NA	**1,600**	<10	31	37	4.6	2.2
	1.31.12	NA	**470**	<10	12	<20	1.3	<1.0
	4.19.12	NA	**84**	<1.0	3.2	<2.0	0.43	<1.0
	7.31.12	NA	**36**	<1.0	2.6	<2.0	0.24	<1.0
	10.19.12	NA	**1,100**	<1.0	11	41	5.3	<1.0
	4.24.13	NA	**40**	<1.0	1.5	<2.0	0.14	<1.0
	9.6.13	Monitoring well was removed during remediation						
P-1	4.04.08	NA	**5,700**	**2,200**	310	**5,500**	53	<1.0
	8.10.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	11.24.09	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
	2.25.10	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**	**NAPL**
MW-12 (P-1*)	4.05.10	NA	**1,300**	**1,600**	110	**2,200**	20	1.2
	5.27.10	NA	**3,300**	**1,800**	180	**3,200**	NA	NA
	7.13.10	NA	**2,900**	330	140	**1,700**	22	1.0
	8.26.10	NA	**1,200**	420	70	**1,300**	13	<1.0
	11.18.10	NA	**1,100**	69	61	**720**	6.3	<1.0
	2.4.11	NA	**5,900**	<50	470	**1,600**	24	<1.0
	4.19.11	NA	**4,200**	190	<100	330	14	<1.0
	5.19.11	NA	**1,000**	520	36	**660**	13	15
	7.28.11	NA	**12,000**	**2,300**	320	**3,200**	54	3.9
	10.28.11	NA	**4,900**	59	130	**3,300**	29	7.3
	1.31.12	NA	**4,400**	62	110	**1,500**	18	11
	4.19.12	NA	**4,300**	53	150	**930**	22	5.8
	7.31.12	NA	**4,600**	<50	160	**920**	17	3.3
	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.24.13	NA	**6,900**	150	96	**850**	23	5.8
	9.6.13	Monitoring well was removed during remediation						

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
P-5	4.04.08	NA	<1.0	<1.0	<1.0	<2.0	0.1	<1.0
	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	1.8	6.1	<1.0	11	NA	NA
MW-13 (P-5*)	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	2.3.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
P-4	4.04.08	NA	<1.0	<1.0	<1.0	<2.0	0.42	<1.0
	8.10.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.24.09	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	2.25.10	NA	2.5	7.5	<1.0	14	NA	NA
MW-14 (P-4*)	4.05.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	8.26.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	2.1.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.31.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.22.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-15	4.05.10	NA	1.1	<1.0	<1.0	<2.0	<0.05	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	<0.05	<1.0
	7.13.10	NA	**490**	2.2	7.2	15	3.2	<1.0
	8.26.10	NA	**20**	<1.0	<1.0	<2.0	0.095	<1.0
	11.18.10	NA	8.9	<1.0	<1.0	<2.0	0.19	<1.0
	2.1.11	NA	**16**	<1.0	<1.0	<2.0	0.06	<1.0
	4.18.11	NA	**13**	<1.0	<1.0	<2.0	0.14	<1.0
	7.28.11	NA	**1500**	<1.0	19	20	6.7	<1.0
	10.28.11	NA	**810**	<10	<10	<20	2.2	1.0
	1.30.12	NA	**150**	<10	<10	<20	0.51	<1.0
	4.18.12	NA	**23**	<1.0	1.4	<2.0	0.21	<1.0
	7.31.12	NA	**64**	<1.0	1.1	<2.0	0.22	<1.0
	10.19.12	NA	**400**	<1.0	7.2	7.8	2.0	<1.0
	4.24.13	NA	6.4	<1.0	<1.0	<2.0	0.094	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.21.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	**28**	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	1.3	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	2.2	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	9.9	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-16	4.05.10	NA	3.8	1.5	1.4	11	0.36	<1.0
	5.27.10	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	7.13.10	NA	**47**	<1.0	<1.0	<2.0	0.3	<1.0
	8.26.10	NA	**16**	<1.0	<1.0	<2.0	0.095	<1.0
	11.18.10	NA	3.4	<1.0	<1.0	<2.0	0.11	<1.0
	2.1.11	NA	**61**	<1.0	1.3	2.1	0.20	<1.0
	4.18.11	NA	**34**	<1.0	3.7	4.4	0.16	<1.0
	7.28.11	NA	**43**	<1.0	1.9	<2.0	0.29	<1.0
	10.27.11	NA	**21**	<1.0	<1.0	<2.0	0.19	<1.0
	1.30.12	NA	**10**	<1.0	<1.0	<2.0	0.096	<1.0
	4.18.12	NA	**20**	<1.0	1.0	<2.0	0.14	<1.0
	7.31.12	NA	**46**	<1.0	1.9	<2.0	0.23	<1.0
	10.19.12	NA	**100**	<1.0	3.9	<2.0	0.38	<1.0
	4.24.13	NA	**10**	<1.0	<1.0	<2.0	0.097	<1.0
	10.28.13	NA	**11**	<1.0	1.2	<2.0	0.052	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.15	NA	1.6	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	3.0	<1.0	<1.0	<2.0	NA	NA
	4.27.16	NA	6.5	<1.0	1.1	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	3.1	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	6.3	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.16.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
Monitoring Wells Installed by Apex TITAN (formerly Southwest Geoscience)								
TSW-31	11.23.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
MW-32	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17[B]	NA	NS	NS	NS	NS	NS	NS
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-33	1.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.20.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	7.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.26.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	1.27.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.18.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	7.30.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.23.13	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.23.13	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.21.14	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.27.14	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.28.15	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.22.15	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.29.16	Monitoring well removed during October 2015 remediation						
MW-33R[C]	2.15.22	NA	**250**	<1.0	99	380	NA	NA
	10.27.22	NA	**45**	<1.0	37	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-34	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-35	1.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.20.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	7.28.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.26.11	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	1.27.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.18.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	7.30.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.19.12	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.23.13	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.21.14	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.27.14	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.28.15	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	10.22.15	NA	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	4.29.16	Monitoring well removed during October 2015 remediation						
MW-35R[C]	2.15.22	NA	47	<1.0	31	<1.5	NA	NA
	10.27.22	NA	42	<1.0	5.6	6.8	NA	NA
MW-36	1.31.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<1.0	2.1	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.23.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.17[B]	NA	NS	NS	NS	NS	NS	NS
	02.27.18	Monitoring well removed during October 2017 remediation						
MW-36R[C]	2.15.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		**NE**	**10[A]**	**750[A]**	**750[A]**	**620[A]**	**NE**	**NE**
MW-37	2.4.11	NA	**3,100**	**6,200**	700	**7,000**	38	3.9
	4.20.11	NA	**2,500**	**3,600**	500	**5,100**	34	4.2
	7.28.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.26.11	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	1.27.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.18.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	7.30.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	10.19.12	NA	**NAPL**	**NAPL**	**NAPL**	**NAPL**	NAPL	NAPL
	4.23.13	NA	**670**	260	230	**1,100**	13	4.1
	10.29.13	NA	**580**	170	150	610	10	7.7
	4.24.14	NA	**740**	49	120	450	7.2	4.9
	10.30.14	NA	**770**	<20	140	510	NA	NA
	5.7.15	NA	**1,500**	220	330	**1,300**	NA	NA
	10.23.15	NA	**1,000**	21	360	**2,000**	NA	NA
	5.2.16	NA	**820**	<10	180	510	NA	NA
	11.8.16	NA	**590**	<10	340	**1,600**	NA	NA
	5.24.17	NA	**1,100**	<10	480	**2,200**	NA	NA
	10.17.17	NA	**750**	<5.0	280	**1,100**	NA	NA
	3.08.18	Monitoring well removed during October 2017 remediation						
MW-37R[C]	2.15.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	2.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-38	1.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	3,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-39	1.26.11	NA	**1,200**	730	37	570	11	<1.0
	4.19.11	NA	**120**	<1.0	1.6	5.9	0.33	<1.0
	7.29.11	NA	**27**	14	1.9	18	0.80	<1.0
	10.27.11	NA	**260**	<1.0	1.2	3.5	0.44	<1.0
	1.27.12	NA	**580**	48	4.3	79	1.8	<1.0
	4.18.12	NA	**1,500**	620	36	**860**	12	112
	7.30.12	NA	**170**	<2.0	<2.0	8.6	0.58	<1.0
	10.17.12	NA	**13**	<2.0	<2.0	<4.0	<0.10	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	**18**	<1.0	<1.0	<2.0	0.11	<1.0
	4.23.14	NA	9.6	<1.0	<1.0	<2.0	0.056	<1.0
	10.29.14	NA	5.5	<1.0	<1.0	<2.0	NA	NA
	5.7.15	NA	**25**	<1.0	<1.0	3.1	NA	NA
	10.29.15	NA	**13**	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	9.8	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	4.1	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	1.9	<1.0	<1.0	<1.5	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.11.18	NA	1.2	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	1.2	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-40 **	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.20.11	NA	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	7.28.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.26.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
	1.27.12	NA	Dry	Dry	Dry	Dry	Dry	Dry

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-40R	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	7,930	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.14.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-41	1.31.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	4.18.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	7.29.11	NA	<5.0	<5.0	<5.0	<10	<0.050	<1.0
	10.27.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	30,200	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	3.8	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-42	2.4.11	NA	<5.0	<5.0	<5.0	<10	<0.25	NA
	3.3.11	75,400	NA	NA	NA	NA	NA	NA
	4.19.11	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	7.28.11	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.16.12	NA	Dry	Dry	Dry	Dry	Dry	Dry
	4.23.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.23.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
	4.21.14	NA	Insufficient water to collect sample.					
	10.29.14	NA						
	4.28.15	NA						
	10.22.15	NA						
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	Insufficient water to collect sample.					
	5.17.17	NA	<5.0	<5.0	<5.0	<10	NA	NA
	10.17.17	NA	Insufficient water to collect sample.					
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.04.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	Insufficient water to collect sample.					
	12.17.19[D]	NA	Obstructed					
	4.28.20[D]	NA						
	10.27.20[D]	NA						
	4.08.21[D]	NA						
	11.15.21[D]	NA						
	4.25.22[D]	NA						
	10.24.22[D]	NA						

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-43	1.28.11	NA	<1.0	<1.0	<1.0	<2.0	0.06	<1.0
	4.19.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.29.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.26.11	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	1.27.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.16.12	7,630	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	10.24.13	NA	<5.0	<5.0	<5.0	<10	<0.25	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
TSW-44	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
TSW-45	11.18.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
TSW-46	11.23.10	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0

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Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-47	1.28.11	NA	<5.0	<5.0	<5.0	<10	1.3	2.5
	4.18.11	NA	<5.0	<5.0	<5.0	<10	2.0	1.2
	7.28.11	NA	<5.0	<5.0	<5.0	27.0	6.6	1.1
	10.28.11	NA	<5.0	<5.0	<5.0	<10	1.4	2.7
	1.30.12	NA	<5.0	<5.0	<5.0	<10	2.6	2.5
	4.18.12	NA	**11**	<5.0	16	38	5.5	2.9
	7.31.12	NA	<10	<10	<10	<20	4.5	2.9
	10.18.12	NA	<5.0	<5.0	<5.0	91	12	1.8
	4.24.13	NA	<5.0	<5.0	5.0	<10	6.4	2.3
	10.24.13	NA	**190**	<5.0	8.9	<10	9.1	4.7
	4.28.14	NA	**700**	<5.0	27	<10	8.5	4.0
	10.29.14	NA	**750**	<10	29	<20	NA	NA
	5.7.15	NA	**420**	<10	25	<20	NA	NA
	10.29.15	NA	**92**	<1.0	21	2.8	NA	NA
	4.28.16	Monitoring Well Destroyed						
MW-48	4.18.12	NA	**290**	**3,200**	360	**5,000**	25	1.3
	7.30.12	NA	**120**	**1,100**	160	**2,900**	15	<1.0
	10.17.12	NA	**190**	580	150	**1,700**	8.5	<1.0
	4.23.13	NA	**140**	<5.0	170	310	2.9	<1.0
	10.29.13	NA	**67**	<5.0	51	83	0.87	<1.0
	4.28.14	NA	9.2	<1.0	7.8	15	0.25	<1.0
	10.30.14	NA	**48**	<1.0	40	60	NA	NA
	5.7.15	NA	3.1	<1.0	3.8	5.6	NA	NA
	10.27.15	NA	**51**	<1.0	33	53	NA	NA
	4.28.16	NA	2.0	<1.0	1.9	2.9	NA	NA
	10.17.16	NA	**26**	<1.0	17	26	NA	NA
	5.23.17	NA	3.1	<1.0	1.7	1.6	NA	NA
	10.17.17	NA	**28**	<1.0	17	21	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	**11**	<1.0	7	10	NA	NA
	6.20.19	NA	6.1	<1.0	3.8	4.6	NA	NA
	12.23.19	NA	**14**	<1.0	3.5	19	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	**24**	<1.0	6.8	<1.5	NA	NA
	4.12.21	NA	1.4	<1.0	1.8	<2.0	NA	NA
	11.16.21	NA	**22**	<1.0	5.8	<2.0	NA	NA
MW-48R[C]	2.15.22	NA	**32**	130	16	200	NA	NA
	10.27.22	NA	**32**	<2.0	29	15	NA	NA

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Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-49	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.20.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20[E]	NS	NS	NS	NS	NS	NS	NS
	4.09.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-50	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.14.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.12.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-51	4.18.12	NA	**1,200**	**3,600**	150	**1,400**	19	<1.0
	7.30.12	NA	**51**	5.5	17	78	1.3	<1.0
	10.16.12	NA	**14**	<1.0	4.8	21	0.16	<1.0
	4.23.13	NA	3.0	<1.0	1.5	<2.0	0.078	<1.0
	10.23.13	NA	8.2	<1.0	<1.0	<2.0	0.066	<1.0
	4.23.14	NA	1.1	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	5.3	<1.0	<1.0	<2.0	NA	NA
	5.7.15	NA	2.3	<1.0	<1.0	<2.0	NA	NA
	10.29.15	NA	4.9	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	1.7	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	4.9	<1.0	<1.0	<2.0	NA	NA
	5.19.17	NA	1.3	<1.0	<1.0	<2.0	NA	NA
	10.12.17	NA	1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	2.7	<1.0	12	4.6	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-52	4.18.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	7.30.12	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.17.12	27,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.13	NA	**30**	<1.0	<1.0	<2.0	0.11	<1.0
	10.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.11.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.18.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.19.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.14.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-53	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	05.03.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.09.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.20.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-54	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	05.03.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.24.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.28.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.09.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.08.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.20.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.12.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.17.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-55	01.29.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	05.03.13	NA	<1.0	<1.0	13	**710**	1.3	<1.0
	10.29.13	NA	<1.0	<1.0	1.4	<2.0	<0.050	<1.0
	4.28.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.30.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.6.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.16	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	5.17.17	NA	NS	NS	NS	NS	NS	NS
	10.17.17	NA	NS	NS	NS	NS	NS	NS
	5.10.18	NA	<10	<10	<10	<15	NA	NA
	10.08.18[F]	Obstructed						
MW-75	01.29.13	NA	<2.0	<2.0	<2.0	<4.0	<0.10	<1.0
	4.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.24.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.26.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.17.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.04.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.23.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.30.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.14.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-76	6.3.13	14,200	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<2.0	<2.0	<2.0	<4.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-77	6.3.13	17,900	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.11.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-79	6.3.13	NA	Dry	Dry	Dry	Dry	Dry	Dry
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.23.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.11.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.14.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-80	6.3.13	13,000	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.23.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.27.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.2.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.20.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.16.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.11.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-83	6.3.13	14,500	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.25.13	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	4.23.14	NA	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0
	10.28.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.1.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.29.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.19.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.22.17	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.13.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.10.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.10.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.19.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.20.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.4.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.29.20	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.13.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.18.21	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.28.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-88	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.08.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.15.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		NE	10[A]	750[A]	750[A]	620[A]	NE	NE
MW-89	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	4.08.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.15.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-90	10.29.14	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.22.15	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.16	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.13.16	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	5.18.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	10.11.17	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	5.08.18	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.05.18	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	6.13.19	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	12.17.19	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.28.20	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.20[E]	NS	NS	NS	NS	NS	NS	NS
	4.08.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	11.15.21	NA	<1.0	<1.0	<1.0	<2.0	NA	NA
	4.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.25.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-122	2.15.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.26.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
MW-123	2.15.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

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TABLE 2
Largo Compressor Station
GROUNDWATER ANALYTICAL SUMMARY

Sample I.D.	Date	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH GRO (mg/L)	TPH DRO (mg/L)
New Mexico Water Quality Control Commmission Groundwater Quality Standards		**NE**	**10[A]**	**750[A]**	**750[A]**	**620[A]**	**NE**	**NE**
MW-124	2.15.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA
	10.27.22	NA	<1.0	<1.0	<1.0	<1.5	NA	NA

*Note: Concentrations in **bold** and yellow exceed the WQCC GQS that was applicable when remediation was initiated.*

µg/L = micrograms per liter

mg/L = milligrams per liter

NA = Not Analyzed

NE = Not Established

NS = Not Sampled

NAPL = Non-aqueous phase liquid

** = Piezometer was replaced with associated monitoring well*

*** = Monitoring well MW-40 was replaced by MW-40R*

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

[B] = Monitoring well inaccessible due to 2017 excavation activities,

[C] = This monitoring well was installed in 2021 to replace a monitoring well that was removed during the 2017-2019 excavation activities.

[D] = Monitoring well MW-42 was not sampled due to an obstruction in the well casing.

[E] = Monitoring well was dry therefore no sample was collected.

[F] = Monitoring well MW-55 has not been sampled since May 2018 due to obstruction of the well casing.

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-3R	4.5.10	6117.48	None Observed	21.83	0.0	NA	NA	6095.65
	5.27.10		None Observed	21.82	0.0			6095.66
	6.25.10		None Observed	22.22	0.0			6095.26
	7.13.10		None Observed	22.47	0.0			6095.01
	8.26.10		None Observed	22.24	0.0			6095.24
	11.18.10		None Observed	22.32	0.0			6095.16
	1.25.11		None Observed	22.13	0.0			6095.35
	4.22.11		None Observed	21.99	0.0			6095.49
	7.27.11		None Observed	22.81	0.0			6094.67
	10.26.11		None Observed	22.91	0.0			6094.57
	1.26.12		None Observed	22.74	0.0			6094.74
	4.19.12		None Observed	22.61	0.0			6094.87
	7.31.12		None Observed	22.66	0.0			6094.82
	10.18.12		None Observed	23.04	0.0			6094.44
	4.24.13		None Observed	22.50	0.0			6094.98
	10.23.13		None Observed	21.12	0.0			6096.36
	4.21.14		None Observed	21.97	0.0			6095.51
	10.27.14		None Observed	22.20	0.0			6095.28
	4.28.15		None Observed	21.83	0.0			6095.65
	10.20.15		None Observed	21.96	0.0			6095.52
	4.08.16		None Observed	21.60	0.0			6095.88
	10.07.16		None Observed	22.44	0.0			6095.04
	5.17.17		None Observed	21.70	0.0			6095.78
	10.10.17		None Observed	22.32	0.0			6095.16
	5.04.18		None Observed	22.15	0.0			6095.33
	10.04.18		None Observed	22.89	0.0			6094.59
	5.30.19		None Observed	22.11	0.0			6095.37
	12.13.19		None Observed	21.68	0.0			6095.80
	4.28.20		None Observed	22.85	0.0			6094.63
	10.26.20		None Observed	23.96	0.0			6093.52
	4.8.21		None Observed	23.55	0.0			6093.93
	11.15.21		None Observed	23.38	0.0			6094.10
	4.25.22		None Observed	23.18	0.0			6094.30
	10.24.22		None Observed	22.30	0.0			6095.18

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-6	8.10.09	6115.47	None Observed	20.28	0.0	NA	NA	6095.19
	11.24.09		None Observed	20.17	0.0			6095.30
	2.25.10		None Observed	19.54	0.0			6095.93
	4.5.10		None Observed	19.11	0.0			6096.36
	5.27.10		None Observed	19.28	0.0			6096.19
	6.25.10		None Observed	19.87	0.0			6095.60
	7.13.10		None Observed	20.09	0.0			6095.38
	8.26.10		None Observed	19.68	0.0			6095.79
	11.18.10		None Observed	19.72	0.0			6095.75
	1.25.11		None Observed	19.51	0.0			6095.96
	4.22.11		None Observed	19.42	0.0			6096.05
	7.27.11		None Observed	20.40	0.0			6095.07
	10.26.11		None Observed	20.43	0.0			6095.04
	1.26.12		None Observed	20.15	0.0			6095.32
	4.19.12		Not Gauged					Not Gauged
	7.31.12		None Observed	19.93	0.0			6095.54
	10.18.12		None Observed	20.47	0.0			6095.00
	4.24.13		None Observed	19.89	0.0			6095.58
	10.23.13		None Observed	19.42	0.0			6096.05
	4.21.14		None Observed	19.34	0.0			6096.13
	10.27.14		None Observed	19.50	0.0			6095.97
	4.28.15		None Observed	19.12	0.0			6096.35
	10.20.15		None Observed	19.32	0.0			6096.15
	4.08.16		None Observed	19.02	0.0			6096.45
	10.07.16		None Observed	19.89	0.0			6095.58
	5.17.17		None Observed	19.06	0.0			6096.41
	10.10.17		None Observed	19.64	0.0			6095.83
	5.04.18		None Observed	19.65	0.0			6095.82
	10.04.18		None Observed	20.28	0.0			6095.19
	5.30.19		None Observed	19.50	0.0			6095.97
	12.13.19[A]		Errant Gauge					Errant Gauge
	4.28.20		None Observed	20.19	0.0			6095.28
	10.26.20		None Observed	21.46	0.0			6094.01
	4.8.21		None Observed	20.69	0.0			6094.78
	11.15.21		None Observed	20.71	0.0			6094.76
	4.25.22		None Observed	20.53	0.0			6094.94
	10.24.22		None Observed	19.63	0.0			6095.84

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-7	8.10.09	6116.65	None Observed	21.52	0.0	NA	NA	6095.13
	11.24.09		None Observed	21.73	0.0			6094.92
	2.25.10		None Observed	21.42	0.0			6095.23
	4.5.10		None Observed	20.96	0.0			6095.69
	5.27.10		None Observed	20.96	0.0			6095.69
	6.25.10		None Observed	21.32	0.0			6095.33
	7.13.10		None Observed	21.46	0.0			6095.19
	8.26.10		None Observed	21.36	0.0			6095.29
	11.18.10		None Observed	21.42	0.0			6095.23
	1.25.11		None Observed	21.24	0.0			6095.41
	4.22.11		None Observed	21.22	0.0			6095.43
	7.27.11		None Observed	21.80	0.0			6094.85
	10.26.11		None Observed	21.94	0.0			6094.71
	1.26.12		None Observed	21.82	0.0			6094.83
	4.19.12		None Observed	21.70	0.0			6094.95
	7.31.12		None Observed	21.88	0.0			6094.77
	10.18.12		None Observed	22.12	0.0			6094.53
	4.24.13		None Observed	21.65	0.0			6095.00
	10.23.13		None Observed	21.43	0.0			6095.22
	4.21.14		None Observed	21.20	0.0			6095.45
	10.27.14		None Observed	21.39	0.0			6095.26
	4.28.15		None Observed	20.99	0.0			6095.66
	10.20.15		None Observed	21.13	0.0			6095.52
	4.08.16		None Observed	20.79	0.0			6095.86
	10.07.16		None Observed	21.58	0.0			6095.07
	5.17.17		None Observed	20.82	0.0			6095.83
	10.10.17		None Observed	21.47	0.0			6095.18
	5.04.18		None Observed	21.35	0.0			6095.30
	10.04.18		None Observed	22.05	0.0			6094.60
	5.30.19		None Observed	21.25	0.0			6095.40
	12.13.19[A]		Errant Gauge					Errant Gauge
	4.28.20		None Observed	22.03	0.0			6094.62
	10.26.20		None Observed	19.82	0.0			6096.83
	4.8.21[A]		None Observed	23.28	0.0			6093.37
	11.15.21		None Observed	22.58	0.0			6094.07
	4.25.22		None Observed	22.39	0.0			6094.26
	10.24.22		None Observed	21.64	0.0			6095.01

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-8	8.10.09	6118.28	None Observed	23.17	0.0	NA	NA	6095.11
	11.24.09		None Observed	23.43	0.0			6094.85
	2.25.10		None Observed	23.25	0.0			6095.03
	4.5.10		None Observed	22.97	0.0			6095.31
	5.27.10		None Observed	22.85	0.0			6095.43
	6.25.10		None Observed	23.01	0.0			6095.27
	7.13.10		None Observed	23.21	0.0			6095.07
	8.26.10		None Observed	23.23	0.0			6095.05
	11.18.10		None Observed	23.30	0.0			6094.98
	1.25.11		None Observed	23.10	0.0			6095.18
	4.22.11		None Observed	22.94	0.0			6095.34
	7.27.11		None Observed	23.56	0.0			6094.72
	10.26.11		None Observed	23.75	0.0			6094.53
	1.26.12		None Observed	23.64	0.0			6094.64
	4.19.12		None Observed	23.54	0.0			6094.74
	7.31.12		None Observed	23.19	0.0			6095.09
	10.18.12		None Observed	23.96	0.0			6094.32
	4.24.13		None Observed	23.54	0.0			6094.74
	10.23.13		None Observed	23.38	0.0			6094.90
	4.21.14		None Observed	22.91	0.0			6095.37
	10.27.14		None Observed	23.33	0.0			6094.95
	4.28.15		None Observed	22.86	0.0			6095.42
	10.20.15		None Observed	23.10	0.0			6095.18
	4.08.16		None Observed	22.65	0.0			6095.63
	10.07.16		None Observed	23.36	0.0			6094.92
	5.17.17		None Observed	22.73	0.0			6095.55
	10.10.17		None Observed	23.46	0.0			6094.82
	5.04.18		None Observed	23.12	0.0			6095.16
	10.04.18		None Observed	23.90	0.0			6094.38
	5.30.19		None Observed	23.20	0.0			6095.08
	12.13.19		None Observed	23.64	0.0			6094.64
	4.28.20		None Observed	23.89	0.0			6094.39
	10.26.20		None Observed	24.85	0.0			6093.43
	4.8.21		None Observed	24.53	0.0			6093.75
	11.15.21		None Observed	24.44	0.0			6093.84
	4.25.22		None Observed	24.26	0.0			6094.02
	10.24.22		None Observed	23.61	0.0			6094.67

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-9	8.10.09	6117.83	None Observed	21.95	0.0	NA	NA	6095.88
	11.24.09		None Observed	21.98	0.0			6095.85
	2.25.10		None Observed	21.51	0.0			6096.32
	4.5.10		None Observed	21.00	0.0			6096.83
	5.27.10		None Observed	21.10	0.0			6096.73
	6.25.10		None Observed	21.56	0.0			6096.27
	7.13.10		None Observed	21.77	0.0			6096.06
	8.26.10		None Observed	21.58	0.0			6096.25
	11.18.10		None Observed	21.61	0.0			6096.22
	1.25.11		None Observed	21.43	0.0			6096.40
	4.22.11		None Observed	21.30	0.0			6096.53
	7.27.11		None Observed	22.15	0.0			6095.68
	10.26.11		None Observed	22.25	0.0			6095.58
	1.26.12		None Observed	22.04	0.0			6095.79
	4.19.12		None Observed	21.88	0.0			6095.95
	7.31.12		None Observed	21.98	0.0			6095.85
	10.18.12		None Observed	22.37	0.0			6095.46
	4.24.13		None Observed	21.79	0.0			6096.04
	10.23.13		None Observed	21.39	0.0			6096.44
	4.21.14		None Observed	21.20	0.0			6096.63
	10.27.14		None Observed	21.48	0.0			6096.35
	4.28.15		None Observed	21.06	0.0			6096.77
	10.20.15		None Observed	21.27	0.0			6096.56
	4.08.16		None Observed	20.85	0.0			6096.98
	10.07.16		None Observed	21.79	0.0			6096.04
	5.17.17		None Observed	22.90	0.0			6094.93
	10.10.17		None Observed	21.73	0.0			6096.10
	5.04.18		None Observed	21.53	0.0			6096.30
	10.04.18		None Observed	22.26	0.0			6095.57
	5.30.19		None Observed	21.41	0.0			6096.42
	12.13.19		None Observed	22.05	0.0			6095.78
	4.28.20		None Observed	22.14	0.0			6095.69
	10.26.20		None Observed	23.23	0.0			6094.60
	4.8.21		None Observed	22.85	0.0			6094.98
	11.15.21		None Observed	22.74	0.0			6095.09
	4.25.22		None Observed	22.53	0.0			6095.30
	10.24.22		None Observed	21.58	0.0			6096.25

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-11	4.5.10	6116.65	None Observed	20.57	0.0	NA	NA	6096.08
	5.27.10		None Observed	20.75	0.0			6095.90
	6.25.10		None Observed	21.33	0.0			6095.32
	7.13.10		None Observed	21.54	0.0			6095.11
	8.26.10		None Observed	21.17	0.0			6095.48
	11.18.10		None Observed	21.16	0.0			6095.49
	1.25.11		None Observed	21.02	0.0			6095.63
	4.22.11		None Observed	20.91	0.0			6095.74
	7.27.11		None Observed	21.89	0.0			6094.76
	10.26.11		None Observed	21.94	0.0			6094.71
	1.26.12		None Observed	21.64	0.0			6095.01
	4.19.12		None Observed	21.49	0.0			6095.16
	7.31.12		None Observed	21.49	0.0			6095.16
	10.18.12		None Observed	21.98	0.0			6094.67
	4.24.13		None Observed	21.40	0.0			6095.25
	9.6.13		Monitoring well was removed during September 2013 remediation.					
MW-12	4.5.10	6111.24	None Observed	14.88	0.0	NA	NA	6096.36
	5.27.10		None Observed	15.11	0.0			6096.13
	6.25.10		None Observed	15.67	0.0			6095.57
	7.13.10		None Observed	15.91	0.0			6095.33
	8.26.10		None Observed	15.55	0.0			6095.69
	11.18.10		None Observed	16.58	0.0			6094.66
	1.25.11		None Observed	15.73	0.0			6095.51
	4.22.11		None Observed	15.30	0.0			6095.94
	7.27.11		None Observed	16.10	0.0			6095.14
	10.26.11		None Observed	16.21	0.0			6095.03
	1.26.12		None Observed	15.99	0.0			6095.25
	4.19.12		None Observed	15.83	0.0			6095.41
	7.31.12		None Observed	15.83	0.0			6095.41
	10.18.12		16.30	16.31	0.01			6094.94
	4.24.13		None Observed	15.68	0.00			6095.56
	9.6.13		Monitoring well was removed during September 2013 remediation.					

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-13	4.5.10	6115.46	None Observed	19.26	0.0	NA	NA	6096.20
	5.27.10		None Observed	19.47	0.0			6095.99
	6.25.10		None Observed	20.07	0.0			6095.39
	7.13.10		None Observed	20.28	0.0			6095.18
	8.26.10		None Observed	19.86	0.0			6095.60
	11.18.10		None Observed	19.91	0.0			6095.55
	1.25.11		None Observed	19.71	0.0			6095.75
	4.22.11		None Observed	19.65	0.0			6095.81
	7.27.11		None Observed	20.59	0.0			6094.87
	10.26.11		None Observed	20.62	0.0			6094.84
	1.26.12		None Observed	20.34	0.0			6095.12
	4.19.12		None Observed	20.19	0.0			6095.27
	7.31.12		None Observed	20.15	0.0			6095.31
	10.18.12		None Observed	20.67	0.0			6094.79
	4.24.13		None Observed	20.10	0.0			6095.36
	10.23.13		None Observed	19.64	0.0			6095.82
	4.21.14		None Observed	19.63	0.0			6095.83
	10.27.14		None Observed	19.77	0.0			6095.69
	4.28.15		None Observed	19.37	0.0			6096.09
	10.20.15		None Observed	19.54	0.0			6095.92
	4.08.16		None Observed	19.24	0.0			6096.22
	10.07.16		None Observed	20.13	0.0			6095.33
	5.17.17		None Observed	19.30	0.0			6096.16
	10.10.17		None Observed	19.86	0.0			6095.60
	5.04.18		None Observed	19.88	0.0			6095.58
	10.04.18		None Observed	20.52	0.0			6094.94
	5.30.19		None Observed	19.73	0.0			6095.73
	12.13.19		None Observed	19.42	0.0			6096.04
	4.28.20		None Observed	20.45	0.0			6095.01
	10.26.20		None Observed	21.66	0.0			6093.80
	4.8.21		None Observed	21.24	0.0			6094.22
	11.15.21		None Observed	20.80	0.0			6094.66
	4.25.22		None Observed	20.76	0.0			6094.70
	10.24.22		None Observed	19.89	0.0			6095.57

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-14	4.5.10	6115.99	None Observed	20.09	0.0	NA	NA	6095.90
	5.27.10		None Observed	20.28	0.0			6095.71
	6.25.10		None Observed	20.94	0.0			6095.05
	7.13.10		None Observed	21.19	0.0			6094.80
	8.26.10		None Observed	20.70	0.0			6095.29
	11.18.10		None Observed	20.73	0.0			6095.26
	1.25.11		None Observed	20.52	0.0			6095.47
	4.22.11		None Observed	20.45	0.0			6095.54
	7.27.11		None Observed	21.47	0.0			6094.52
	10.26.11		None Observed	21.48	0.0			6094.51
	1.26.12		None Observed	21.15	0.0			6094.84
	4.19.12		None Observed	21.00	0.0			6094.99
	7.31.12		None Observed	21.00	0.0			6094.99
	10.18.12		None Observed	21.50	0.0			6094.49
	4.24.13		None Observed	20.91	0.0			6095.08
	10.23.13		None Observed	20.43	0.0			6095.56
	4.21.14		None Observed	21.38	0.0			6094.61
	10.27.14		None Observed	20.58	0.0			6095.41
	4.28.15		None Observed	20.16	0.0			6095.83
	10.20.15		None Observed	20.36	0.0			6095.63
	4.08.16		None Observed	20.05	0.0			6095.94
	10.07.16		None Observed	20.86	0.0			6095.13
	5.17.17		None Observed	20.10	0.0			6095.89
	10.10.17		None Observed	20.70	0.0			6095.29
	5.04.18[B]		Errant Gauge					Errant Gauge
	10.04.18		None Observed	21.38	0.0			6094.61
	5.30.19		None Observed	20.56	0.0			6095.43
	12.13.19		None Observed	19.92	0.0			6096.07
	4.28.20		None Observed	21.28	0.0			6094.71
	10.26.20		None Observed	22.50	0.0			6093.49
	4.8.21		None Observed	22.21	0.0			6093.78
	11.15.21		None Observed	21.87	0.0			6094.12
	4.25.22		None Observed	21.62	0.0			6094.37
	10.24.22		None Observed	20.70	0.0			6095.29

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-15	4.5.10	6116.49	None Observed	20.66	0.0	NA	NA	6095.83
	5.27.10		None Observed	20.82	0.0			6095.67
	6.25.10		None Observed	21.43	0.0			6095.06
	7.13.10		None Observed	21.64	0.0			6094.85
	8.26.10		None Observed	21.25	0.0			6095.24
	11.18.10		None Observed	21.36	0.0			6095.13
	1.25.11		None Observed	21.07	0.0			6095.42
	4.22.11		None Observed	20.95	0.0			6095.54
	7.27.11		None Observed	21.95	0.0			6094.54
	10.26.11		None Observed	21.98	0.0			6094.51
	1.26.12		None Observed	21.70	0.0			6094.79
	4.19.12		None Observed	21.56	0.0			6094.93
	7.31.12		Errant Gauge					Errant Gauge
	10.18.12		None Observed	22.05	0.0			6094.44
	4.24.13		None Observed	21.50	0.0			6094.99
	4.21.14		None Observed	20.92	0.0			6095.57
	10.27.14		None Observed	21.17	0.0			6095.32
	4.28.15		None Observed	20.74	0.0			6095.75
	10.20.15		None Observed	20.90	0.0			6095.59
	4.08.16		None Observed	20.58	0.0			6095.91
	10.07.16		None Observed	21.48	0.0			6095.01
	5.17.17		None Observed	20.65	0.0			6095.84
	10.10.17		None Observed	21.25	0.0			6095.24
	5.04.18		None Observed	21.21	0.0			6095.28
	10.04.18		None Observed	21.94	0.0			6094.55
	5.30.19		None Observed	21.09	0.0			6095.40
	12.13.19		None Observed	20.30	0.0			6096.19
	4.28.20		None Observed	21.85	0.0			6094.64
	10.26.20		None Observed	23.11	0.0			6093.38
	4.8.21		None Observed	22.74	0.0			6093.75
	11.15.21		None Observed	22.48	0.0			6094.01
	4.25.22		None Observed	22.18	0.0			6094.31
	10.24.22		None Observed	21.23	0.0			6095.26

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TABLE 3
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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-16	4.5.10	6117.57	None Observed	21.51	0.0	NA	NA	6096.06
	5.27.10		None Observed	51.59	0.0			6065.98
	6.25.10		None Observed	22.10	0.0			6095.47
	7.13.10		None Observed	22.29	0.0			6095.28
	8.26.10		None Observed	22.05	0.0			6095.52
	11.18.10		None Observed	22.11	0.0			6095.46
	1.25.11		None Observed	21.87	0.0			6095.70
	4.22.11		None Observed	21.76	0.0			6095.81
	7.27.11		None Observed	22.66	0.0			6094.91
	10.26.11		None Observed	22.71	0.0			6094.86
	1.26.12		None Observed	22.50	0.0			6095.07
	4.19.12		None Observed	22.38	0.0			6095.19
	7.31.12[B]		Errant Gauge					Errant Gauge
	10.18.12		None Observed	22.82	0.0			6094.75
	4.24.13		None Observed	22.28	0.0			6095.29
	10.23.13		None Observed	21.81	0.0			6095.76
	4.21.14		None Observed	21.67	0.0			6095.90
	10.27.14		None Observed	21.94	0.0			6095.63
	4.28.15		None Observed	21.53	0.0			6096.04
	10.20.15		None Observed	21.70	0.0			6095.87
	4.08.16		None Observed	21.33	0.0			6096.24
	10.07.16		None Observed	22.22	0.0			6095.35
	5.17.17		None Observed	21.42	0.0			6096.15
	10.10.17		None Observed	22.07	0.0			6095.50
	5.04.18		None Observed	21.95	0.0			6095.62
	10.04.18		None Observed	22.68	0.0			6094.89
	5.30.19		None Observed	21.86	0.0			6095.71
	12.13.19		None Observed	21.38	0.0			6096.19
	4.28.20		None Observed	22.64	0.0			6094.93
	10.26.20		None Observed	23.70	0.0			6093.87
	4.8.21		None Observed	23.34	0.0			6094.23
	11.15.21		None Observed	23.13	0.0			6094.44
	4.25.22		None Observed	22.97	0.0			6094.60
	10.24.22		None Observed	22.00	0.0			6095.57

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Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-32	1.25.11	6110.22	None Observed	12.67	0.0	20	10-20	6097.55
	4.22.11		None Observed	12.49	0.0			6097.73
	7.27.11		None Observed	13.47	0.0			6096.75
	10.26.11		None Observed	13.56	0.0			6096.66
	1.26.12		None Observed	13.23	0.0			6096.99
	4.18.12		None Observed	13.05	0.0			6097.17
	7.30.12		None Observed	14.10	0.0			6096.12
	10.18.12		None Observed	13.59	0.0			6096.63
	4.23.13		None Observed	13.00	0.0			6097.22
	10.23.13		None Observed	12.64	0.0			6097.58
	4.21.14		None Observed	12.47	0.0			6097.75
	10.27.14		None Observed	12.79	0.0			6097.43
	4.28.15		None Observed	12.19	0.0			6098.03
	10.20.15		None Observed	12.54	0.0			6097.68
	4.08.16		None Observed	12.15	0.0			6098.07
	10.07.16		None Observed	12.10	0.0			6098.12
	5.17.17		None Observed	12.18	0.0			6098.04
	10.10.17[C]		Not Gauged					Not Gauged
	5.04.18		None Observed	12.86	0.0			6097.36
	10.04.18		None Observed	13.53	0.0			6096.69
	5.30.19		None Observed	12.63	0.0			6097.59
	12.13.19		None Observed	13.42	0.0			6096.80
	4.28.20		None Observed	13.31	0.0			6096.91
	10.26.20		None Observed	14.52	0.0			6095.70
	4.8.21		None Observed	14.00	0.0			6096.22
	11.15.21		None Observed	14.00	0.0			6096.22
	4.25.22		None Observed	13.72	0.0			6096.50
	10.24.22		None Observed	12.73	0.0			6097.49

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-33	1.25.11[D]	6114.02	16.08	16.44	0.36	23.39	13.39-23.39	6097.83
	4.22.11		16.59	16.60	0.01			6097.43
	7.27.11		16.07	16.72	0.65			6097.75
	10.26.11		15.55	16.15	0.60			6098.28
	1.26.12		15.83	15.84	0.01			6098.19
	4.18.12		Not Gauged					Not Gauged
	8.31.12		15.4	17.29	1.89			6098.03
	10.18.12		14.39	17.51	3.12			6098.66
	4.23.13		12.31	12.35	0.04			6101.70
	10.23.13		10.92	14.08	3.16			6102.12
	4.21.14		10.47	10.50	0.03			6103.54
	10.27.14		11.82	12.47	0.65			6102.00
	4.28.15		10.44	11.19	0.75			6103.35
	10.20.15		10.45	11.31	0.86			6103.30
	4.8.16		Monitoring well was removed during October 2015 excavation.					
MW-33R[E]	2.15.22	6112.86	None Observed	16.27	0	21.05	11.05-21.05	6096.59
	4.25.22		None Observed	16.15	0.0			6096.71
	10.24.22		None Observed	15.16	0.0			6097.70
MW-34	1.25.11	6115.3	None Observed	17.38	0.0	23.59	18.59-23.59	6097.92
	4.22.11		None Observed	17.20	0.0			6098.10
	7.27.11		None Observed	18.23	0.0			6097.07
	10.26.11		None Observed	18.32	0.0			6096.98
	1.26.12		None Observed	17.98	0.0			6097.32
	4.18.12		None Observed	17.78	0.0			6097.52
	7.30.12		None Observed	17.80	0.0			6097.50
	10.18.12		None Observed	18.32	0.0			6096.98
	4.23.13		None Observed	17.70	0.0			6097.60
	10.23.13		None Observed	16.32	0.0			6098.98
	4.21.14		None Observed	17.12	0.0			6098.18
	10.27.14		None Observed	17.33	0.0			6097.97
	4.28.15		None Observed	16.88	0.0			6098.42
	10.20.15		None Observed	16.88	0.0			6098.42
	4.08.16		None Observed	16.81	0.0			6098.49
	10.07.16		None Observed	17.78	0.0			6097.52
	5.17.17		None Observed	16.83	0.0			6098.47
	10.10.17		None Observed	17.60	0.0			6097.70
	5.04.18		None Observed	17.52	0.0			6097.78
	10.04.18		None Observed	18.16	0.0			6097.14
	5.30.19		None Observed	17.29	0.0			6098.01
	12.13.19		None Observed	18.19	0.0			6097.11
	4.28.20		None Observed	17.96	0.0			6097.34
	10.26.20		None Observed	19.21	0.0			6096.09
	4.8.21		None Observed	18.67	0.0			6096.63
	11.15.21		None Observed	18.69	0.0			6096.61
	4.25.22		None Observed	18.39	0.0			6096.91
	10.24.22		None Observed	17.49	0.0			6097.81

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Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-35	1.25.11[D]	6112.22	14.5	14.75	0.3	22.75	12.75-22.75	6097.64
	4.22.11		14.22	14.80	0.58			6097.82
	7.27.11		15.11	16.36	1.25			6096.72
	10.26.11		15.14	16.64	1.50			6096.62
	1.26.12		14.72	14.73	0.01			6097.50
	4.18.12		Not Gauged					Not Gauged
	8.31.12		14.43	17.49	3.06			6096.84
	10.18.12		14.65	17.84	3.19			6096.58
	4.23.13		10.98	13.05	2.07			6100.60
	10.23.13		9.26	12.58	3.72			6102.21
	4.21.14		10.84	11.35	0.51			6101.22
	10.27.14		10.42	10.98	0.56			6101.63
	4.28.15		9.95	10.46	0.51			6102.11
	10.20.15		10.64	11.27	0.63			6101.38
	4.8.16		Monitoring well was removed during October 2015 exavation.					
MW-35R[E]	2.15.22	6112.15	None Observed	15.47	0.0	20.88	10.88-20.88	6096.68
	4.25.22		None Observed	15.45	0.0			6096.70
	10.24.22		None Observed	15.41	0.0			6096.74
MW-36	1.25.11	6111.48	None Observed	13.80	0.0	23.71	12.71-22.71	6097.68
	4.22.11		None Observed	13.65	0.0			6097.83
	7.27.11		None Observed	14.69	0.0			6096.79
	10.26.11		None Observed	14.45	0.0			6097.03
	1.26.12		None Observed	14.41	0.0			6097.07
	4.18.12		None Observed	14.18	0.0			6097.30
	7.30.12		None Observed	14.10	0.0			6097.38
	10.18.12		None Observed	14.76	0.0			6096.72
	4.23.13		None Observed	14.11	0.0			6097.37
	10.23.13		None Observed	13.75	0.0			6097.73
	4.21.14		None Observed	13.58	0.0			6097.90
	10.27.14		None Observed	13.77	0.0			6097.71
	4.28.15		None Observed	13.39	0.0			6098.09
	10.20.15		None Observed	13.65	0.0			6097.83
	4.08.16		None Observed	13.27	0.0			6098.21
	10.07.16		None Observed	14.23	0.0			6097.25
	5.17.17		None Observed	13.30	0.0			6098.18
	10.10.17[C]		Not Gauged					Not Gauged
	5.04.18		Monitoring well was removed during October 2017 excavation.					
MW-36R[E]	2.15.22	6111.36	None Observed	14.68	0.0	20.97	10.97-20.97	6096.68
	4.25.22		None Observed	14.68	0.0			6096.68
	10.24.22		None Observed	13.73	0.0			6097.63

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-37	1.25.11	6110.73	Sheen	12.91	Sheen	23.59	11.59-21.59	6097.82
	4.22.11		None Observed	12.78	0.0			6097.95
	7.27.11		13.81	13.84	0.03			6096.91
	10.26.11		13.88	13.92	0.04			6096.84
	1.26.12		13.54	13.54	0.01			6097.20
	4.18.12		Not Gauged					Not Gauged
	7.30.12		Sheen	13.15	Sheen			6097.58
	10.18.12		13.89	13.90	0.01			6096.84
	4.23.13		None Observed	13.23	0.0			6097.50
	10.23.13		None Observed	12.84	0.0			6097.89
	4.21.14		None Observed	12.72	0.0			6098.01
	10.27.14		None Observed	12.85	0.0			6097.88
	4.28.15		None Observed	12.52	0.0			6098.21
	10.20.15		None Observed	12.78	0.0			6097.95
	4.08.16		None Observed	12.41	0.0			6098.32
	10.07.16		None Observed	13.38	0.0			6097.35
	5.17.17		None Observed	12.44	0.0			6098.29
	10.10.17		None Observed	13.04	0.0			6097.69
	5.4.18		Monitoring well was removed during October 2017 excavation.					
MW-37R[E]	2.15.22	6110.38	None Observed	13.43	0	21.12	11.12-21.12	6096.95
	4.25.22		None Observed	13.45	0.0			6096.93
	10.24.22		None Observed	12.47	0.0			6097.91

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-38	1.25.11	6110.43	None Observed	12.06	0.0	23.47	10.47-20.47	6098.37
	4.22.11		None Observed	11.87	0.0			6098.56
	7.27.11		None Observed	13.01	0.0			6097.42
	10.26.11		None Observed	13.10	0.0			6097.33
	1.26.12		None Observed	12.68	0.0			6097.75
	4.18.12		None Observed	12.11	0.0			6098.32
	7.30.12		None Observed	12.24	0.0			6098.19
	10.18.12		None Observed	13.01	0.0			6097.42
	4.23.13		None Observed	12.34	0.0			6098.09
	10.23.13		None Observed	11.92	0.0			6098.51
	4.22.13		None Observed	11.80	0.0			6098.63
	4.21.14		None Observed	11.80	0.0			6098.63
	10.27.14		None Observed	11.91	0.0			6098.52
	4.28.15		None Observed	11.55	0.0			6098.88
	10.20.15		None Observed	11.85	0.0			6098.58
	4.08.16		None Observed	11.52	0.0			6098.91
	10.07.16		None Observed	12.79	0.0			6097.64
	5.17.17		None Observed	11.53	0.0			6098.90
	10.10.17		None Observed	12.07	0.0			6098.36
	5.04.18		None Observed	12.21	0.0			6098.22
	10.04.18		None Observed	12.83	0.0			6097.60
	5.30.19		None Observed	12.01	0.0			6098.42
	12.13.19		None Observed	12.91	0.0			6097.52
	4.28.20		None Observed	12.62	0.0			6097.81
	10.26.20		None Observed	13.94	0.0			6096.49
	4.8.21		None Observed	13.32	0.0			6097.11
	11.15.21		None Observed	13.33	0.0			6097.10
	4.25.22		None Observed	13.00	0.0			6097.43
	10.24.22		None Observed	12.06	0.0			6098.37

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-39	1.25.11	6113.7	None Observed	16.21	0.0	20	10-20	6097.49
	4.22.11		None Observed	17.35	0.0			6096.35
	7.27.11		None Observed	16.43	0.0			6097.27
	10.26.11		None Observed	16.52	0.0			6097.18
	1.26.12		None Observed	16.57	0.0			6097.13
	4.18.12		None Observed	16.61	0.0			6097.09
	7.30.12		None Observed	16.69	0.0			6097.01
	10.18.12		None Observed	16.77	0.0			6096.93
	4.23.13		None Observed	16.65	0.0			6097.05
	10.23.13		None Observed	16.25	0.0			6097.45
	4.21.14		None Observed	16.24	0.0			6097.46
	10.29.14		None Observed	16.41	0.0			6097.29
	4.28.15		None Observed	16.11	0.0			6097.59
	10.20.15		None Observed	16.06	0.0			6097.64
	4.08.16		None Observed	15.96	0.0			6097.74
	10.07.16		None Observed	16.21	0.0			6097.49
	5.17.17		None Observed	15.92	0.0			6097.78
	10.10.17		None Observed	16.16	0.0			6097.54
	5.04.18		None Observed	16.24	0.0			6097.46
	10.04.18		None Observed	16.55	0.0			6097.15
	5.30.19		None Observed	16.37	0.0			6097.33
	12.13.19		None Observed	16.72	0.0			6096.98
	4.28.20		None Observed	16.80	0.0			6096.90
	10.26.20		None Observed	16.92	0.0			6096.78
	4.8.21		None Observed	16.96	0.0			6096.74
	11.15.21		None Observed	16.86	0.0			6096.84
	4.25.22		None Observed	16.89	0.0			6096.81
	10.24.22		None Observed	16.65	0.0			6097.05
MW-40[F]	1.25.11	6115.69	None Observed	19.16	0.0	20	15	6096.53
	4.22.11		Dry	Dry	Dry			Dry
	7.27.11		Dry	Dry	Dry			Dry
	10.26.11		Dry	Dry	Dry			Dry
	1.26.12		Dry	Dry	Dry			Dry

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-40R	4.18.12	6115.61	None Observed	19.58	0.0	NA	NA	6096.03
	7.30.12		None Observed	19.69	0.0			6095.92
	10.18.12		None Observed	19.96	0.0			6095.65
	4.23.13		None Observed	19.47	0.0			6096.14
	10.23.13		None Observed	19.12	0.0			6096.49
	4.21.14		None Observed	18.85	0.0			6096.76
	10.27.14		None Observed	19.17	0.0			6096.44
	4.28.15		None Observed	18.71	0.0			6096.90
	10.20.15		None Observed	18.93	0.0			6096.68
	4.08.16		None Observed	18.53	0.0			6097.08
	10.07.16		None Observed	19.45	0.0			6096.16
	5.17.17		None Observed	18.59	0.0			6097.02
	10.10.17		None Observed	19.41	0.0			6096.20
	5.04.18		None Observed	19.18	0.0			6096.43
	10.04.18		None Observed	19.96	0.0			6095.65
	5.30.19		None Observed	19.10	0.0			6096.51
	12.13.19		None Observed	19.80	0.0			6095.81
	4.28.20		None Observed	19.82	0.0			6095.79
	10.26.20		None Observed	20.93	0.0			6094.68
	4.8.21		None Observed	20.56	0.0			6095.05
	11.15.21		None Observed	20.43	0.0			6095.18
	4.25.22		None Observed	20.21	0.0			6095.40
	10.24.22		None Observed	19.29	0.0			6096.32

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-41	1.25.11	6112.07	None Observed	14.14	0.0	20	10-20	6097.93
	4.22.11		None Observed	14.18	0.0			6097.89
	7.27.11		None Observed	14.08	0.0			6097.99
	10.26.11		None Observed	14.97	0.0			6097.10
	1.26.12		None Observed	14.20	0.0			6097.87
	4.18.12		None Observed	14.27	0.0			6097.80
	7.30.12		None Observed	14.21	0.0			6097.86
	10.18.12		None Observed	14.18	0.0			6097.89
	4.23.13		None Observed	14.39	0.0			6097.68
	10.23.13		None Observed	14.23	0.0			6097.84
	4.21.14		None Observed	14.26	0.0			6097.81
	10.27.14		None Observed	14.06	0.0			6098.01
	4.28.15		None Observed	14.09	0.0			6097.98
	10.20.15		None Observed	13.86	0.0			6098.21
	4.08.16		None Observed	13.88	0.0			6098.19
	10.07.16		None Observed	13.72	0.0			6098.35
	5.17.17		None Observed	13.62	0.0			6098.45
	10.10.17		None Observed	13.39	0.0			6098.68
	5.04.18		None Observed	13.53	0.0			6098.54
	10.04.18		None Observed	13.43	0.0			6098.64
	5.30.19		None Observed	13.56	0.0			6098.51
	12.13.19		None Observed	13.55	0.0			6098.52
	4.28.20		None Observed	13.78	0.0			6098.29
	10.26.20		None Observed	13.69	0.0			6098.38
	4.8.21		None Observed	13.98	0.0			6098.09
	11.15.21		None Observed	13.99	0.0			6098.08
	4.25.22		None Observed	14.39	0.0			6097.68
	10.24.22		None Observed	13.97	0.0			6098.10

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-42	1.25.11	6121.53	None Observed	24.88	0.0	28.50	10.50-20.50	6096.65
	4.22.11[B]		Errant Gauge					Errant Gauge
	7.27.11		None Observed	Dry	0.0			Dry
	10.26.11		None Observed	25.16	0.0			6096.37
	1.26.12		None Observed	24.92	0.0			6096.61
	4.18.12		Not Gauged					Not Gauged
	7.30.12		Dry					Dry
	10.18.12		Dry					Dry
	4.23.13		Dry					Dry
	10.23.13		Dry					Dry
	4.21.14		None Observed	25.02	0.0			6096.51
	10.27.14		None Observed	25.35	0.0			6096.18
	4.28.15		Dry					Dry
	10.20.15		None Observed	25.19	0.0			6096.34
	4.08.16[G]		None Observed	24.79	0.0			6096.74
	10.07.16		Dry					Dry
	5.17.17[G]		None Observed	24.49	0.0			6097.04
	10.10.17[G]		None Observed	24.82	0.0			6096.71
	5.04.18		None Observed	24.49	0.0			6097.04
	10.04.18		None Observed	24.82	0.0			6096.71
	5.30.19		None Observed	24.48	0.0			6097.05
	12.13.19		Not Gauged					Not Gauged
	4.28.20		Not Gauged					Not Gauged
	10.26.20		Not Gauged					Not Gauged
	4.8.21		Not Gauged					Not Gauged
	11.15.21		Not Gauged					Not Gauged
	4.25.22		Not Gauged					Not Gauged
	10.24.22		Not Gauged					Not Gauged

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TABLE 3
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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-43	1.25.11	6112.92	None Observed	15.41	0.0	23.39	13.39-23.39	6097.51
	4.22.11		None Observed	15.30	0.0			6097.62
	7.27.11		None Observed	16.27	0.0			6096.65
	10.26.11		None Observed	16.35	0.0			6096.57
	1.26.12		None Observed	16.05	0.0			6096.87
	4.18.12		None Observed	15.87	0.0			6097.05
	7.30.12		None Observed	15.82	0.0			6097.10
	10.18.12		None Observed	16.35	0.0			6096.57
	4.23.13		None Observed	15.79	0.0			6097.13
	10.23.13		None Observed	15.33	0.0			6097.59
	4.21.14		None Observed	15.19	0.0			6097.73
	10.27.14		None Observed	15.42	0.0			6097.50
	4.28.15		None Observed	15.01	0.0			6097.91
	10.20.15		None Observed	15.28	0.0			6097.64
	4.08.16		None Observed	14.92	0.0			6098.00
	10.07.16		None Observed	15.84	0.0			6097.08
	5.17.17		None Observed	14.94	0.0			6097.98
	10.10.17		None Observed	15.64	0.0			6097.28
	5.04.18		None Observed	15.61	0.0			6097.31
	10.04.18		None Observed	16.25	0.0			6096.67
	5.30.19		None Observed	15.41	0.0			6097.51
	12.13.19		None Observed	16.12	0.0			6096.80
	4.28.20		None Observed	16.08	0.0			6096.84
	10.26.20		None Observed	17.27	0.0			6095.65
	4.8.21		None Observed	16.74	0.0			6096.18
	11.15.21		None Observed	16.71	0.0			6096.21
	4.25.22		None Observed	16.45	0.0			6096.47
	10.24.22		None Observed	15.52	0.0			6097.40
MW-47	1.25.11	6114.41	None Observed	19.22	0.0	23	13-23	6095.19
	4.22.11		None Observed	19.02	0.0			6095.39
	7.27.11		None Observed	19.69	0.0			6094.72
	10.26.11		None Observed	19.86	0.0			6094.55
	1.26.12		None Observed	19.79	0.0			6094.62
	4.19.12		None Observed	19.67	0.0			6094.74
	7.31.12		None Observed	19.87	0.0			6094.54
	10.18.12		None Observed	20.08	0.0			6094.33
	4.24.13		None Observed	19.65	0.0			6094.76
	10.23.13		None Observed	19.38	0.0			6095.03
	4.21.14		None Observed	19.06	0.0			6095.35
	10.27.14		None Observed	19.37	0.0			6095.04
	4.28.15		None Observed	18.95	0.0			6095.46
	10.20.15		None Observed	19.15	0.0			6095.26
	4.08.16		Well Destroyed in 2016					

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-48	4.18.12	6109.21	Not Gauged			23.98	13.98-23.98	Not Gauged
	7.30.12		None Observed	11.90	0.0			6097.31
	10.18.12		None Observed	12.26	0.0			6096.95
	4.23.13		None Observed	11.60	0.0			6097.61
	10.23.13		None Observed	11.18	0.0			6098.03
	4.21.14		None Observed	11.06	0.0			6098.15
	10.27.14		None Observed	11.19	0.0			6098.02
	4.28.15		None Observed	10.85	0.0			6098.36
	10.20.15		None Observed	11.09	0.0			6098.12
	4.08.16		None Observed	10.75	0.0			6098.46
	10.07.16		None Observed	11.74	0.0			6097.47
	5.17.17		None Observed	10.79	0.0			6098.42
	10.10.17		None Observed	11.33	0.0			6097.88
	5.04.18		None Observed	11.47	0.0			6097.74
	10.04.18		None Observed	12.09	0.0			6097.12
	5.30.19		None Observed	11.57	0.0			6097.64
	12.13.19[H]		None Observed	11.93	0.0			6097.28
	4.28.20[H]		None Observed	11.68	0.0			6097.53
	10.26.20[H]		None Observed	12.98	0.0			6096.23
	4.8.21[H]		None Observed	12.40	0.0			6096.81
	11.15.21[H]		None Observed	12.39	0.0			6096.82
MW-48R[E]	2.15.22	6108.37	None Observed	11.44	0.0	17.9	7.9-17.9	6096.93
	4.25.22		None Observed	11.43	0.0			6096.94
	10.24.22		None Observed	10.50	0.0			6097.87

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-49	4.18.12	6109.54	None Observed	12.38	0.0	19.94	9.94-19.94	6097.16
	7.30.12		None Observed	12.22	0.0			6097.32
	10.18.12		None Observed	12.92	0.0			6096.62
	4.23.13[B]		Errant Gauge					Errant Gauge
	10.23.13		None Observed	11.87	0.0			6097.67
	4.21.14		None Observed	11.77	0.0			6097.77
	10.27.14		None Observed	11.89	0.0			6097.65
	4.28.15		None Observed	11.54	0.0			6098.00
	10.20.15		None Observed	11.81	0.0			6097.73
	4.08.16		None Observed	11.45	0.0			6098.09
	10.20.16		None Observed	12.45	0.0			6097.09
	5.17.17		None Observed	11.51	0.0			6098.03
	10.10.17		None Observed	12.09	0.0			6097.45
	5.04.18		None Observed	12.18	0.0			6097.36
	10.04.18		None Observed	12.83	0.0			6096.71
	5.30.19		None Observed	12.09	0.0			6097.45
	12.13.19[H]		None Observed	12.80	0.0			6096.74
	4.28.20[H]		None Observed	12.65	0.0			6096.89
	10.26.20[H]		Dry					Dry
	4.8.21[H]		None Observed	13.36	0.0			6096.18
	11.15.21[H]		None Observed	13.30	0.0			6096.24
	4.25.22[H]		None Observed	13.00	0.0			6096.54
	10.24.22[H]		None Observed	12.05	0.0			6097.49
MW-50	4.18.12	6120.62	None Observed	24.64	0.0	31.08	21.08-31.08	6095.98
	7.30.12		None Observed	24.93	0.0			6095.69
	10.18.12		None Observed	25.11	0.0			6095.51
	4.23.13		None Observed	24.57	0.0			6096.05
	10.23.13		None Observed	24.21	0.0			6096.41
	4.21.14		None Observed	23.91	0.0			6096.71
	10.27.14		None Observed	24.36	0.0			6096.26
	4.28.15		None Observed	23.86	0.0			6096.76
	10.20.15		None Observed	24.04	0.0			6096.58
	4.08.16		None Observed	23.58	0.0			6097.04
	10.07.16		None Observed	24.52	0.0			6096.10
	5.17.17		None Observed	23.68	0.0			6096.94
	10.10.17		None Observed	24.54	0.0			6096.08
	5.04.18		None Observed	24.24	0.0			6096.38
	10.04.18		None Observed	25.09	0.0			6095.53
	5.30.19		None Observed	24.23	0.0			6096.39
	12.13.19		None Observed	25.02	0.0			6095.60
	4.28.20		None Observed	24.97	0.0			6095.65
	10.26.20		None Observed	26.05	0.0			6094.57
	4.8.21		None Observed	25.70	0.0			6094.92
	11.15.21		None Observed	25.56	0.0			6095.06
	4.25.22		None Observed	25.38	0.0			6095.24
	10.24.22		None Observed	24.46	0.0			6096.16

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-51	4.18.12	6113.50	None Observed	18.33	0.0	28	18-28	6095.17
	7.30.12		None Observed	17.47	0.0			6096.03
	10.18.12		None Observed	17.81	0.0			6095.69
	04.23.13		None Observed	17.35	0.0			6096.15
	10.23.13		None Observed	16.84	0.0			6096.66
	4.21.14		None Observed	16.68	0.0			6096.82
	10.27.14		None Observed	17.08	0.0			6096.42
	4.28.15		None Observed	16.61	0.0			6096.89
	10.20.15		None Observed	16.78	0.0			6096.72
	4.08.16		None Observed	16.36	0.0			6097.14
	10.07.16		None Observed	17.33	0.0			6096.17
	5.17.17		None Observed	16.43	0.0			6097.07
	10.10.17		None Observed	17.25	0.0			6096.25
	5.04.18		None Observed	17.04	0.0			6096.46
	10.04.18		None Observed	17.81	0.0			6095.69
	5.30.19		None Observed	16.91	0.0			6096.59
	12.13.19		None Observed	17.62	0.0			6095.88
	4.28.20		None Observed	17.64	0.0			6095.86
	10.26.20		None Observed	18.79	0.0			6094.71
	4.8.21		None Observed	18.37	0.0			6095.13
	11.15.21		None Observed	18.31	0.0			6095.19
	4.25.22		None Observed	18.03	0.0			6095.47
	10.24.22		None Observed	17.13	0.0			6096.37
MW-52	4.18.12	6118.98	None Observed	21.11	0.0	27.67	17.67-21.67	6097.87
	7.30.12		None Observed	21.10	0.0			6097.88
	10.18.12		None Observed	21.08	0.0			6097.90
	4.23.13		None Observed	21.25	0.0			6097.73
	10.23.13		None Observed	21.02	0.0			6097.96
	4.21.14		None Observed	21.01	0.0			6097.97
	10.27.14		None Observed	20.91	0.0			6098.07
	4.28.15		None Observed	20.86	0.0			6098.12
	10.20.15		None Observed	20.62	0.0			6098.36
	4.08.16		None Observed	20.66	0.0			6098.32
	10.07.16		None Observed	20.60	0.0			6098.38
	5.17.17		None Observed	20.48	0.0			6098.50
	10.10.17		None Observed	20.42	0.0			6098.56
	5.04.18		None Observed	20.69	0.0			6098.29
	10.04.18		None Observed	20.74	0.0			6098.24
	5.30.19		None Observed	20.75	0.0			6098.23
	12.13.19		None Observed	20.78	0.0			6098.20
	4.28.20		None Observed	21.00	0.0			6097.98
	10.26.20		None Observed	20.95	0.0			6098.03
	4.8.21		None Observed	21.14	0.0			6097.84
	11.15.21		None Observed	21.19	0.0			6097.79
	4.25.22		None Observed	21.32	0.0			6097.66
	10.24.22		None Observed	21.11	0.0			6097.87

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Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-53	5.3.13	6109.41	None Observed	12.16	0.0	18.27	7.77-17.77	6097.25
	10.23.13		None Observed	11.72	0.0			6097.69
	4.21.14		None Observed	11.58	0.0			6097.83
	10.27.14		None Observed	11.73	0.0			6097.68
	4.28.15		None Observed	11.40	0.0			6098.01
	10.20.15		None Observed	11.66	0.0			6097.75
	4.08.16		None Observed	11.26	0.0			6098.15
	10.07.16		None Observed	12.27	0.0			6097.14
	5.17.17		None Observed	11.33	0.0			6098.08
	10.10.17		None Observed	12.00	0.0			6097.41
	5.04.18		None Observed	12.09	0.0			6097.32
	10.04.18		None Observed	12.71	0.0			6096.70
	5.30.19		None Observed	11.85	0.0			6097.56
	12.13.19		None Observed	12.70	0.0			6096.71
	4.28.20		None Observed	12.43	0.0			6096.98
	10.26.20		None Observed	13.70	0.0			6095.71
	4.8.21		None Observed	13.15	0.0			6096.26
	11.15.21		None Observed	13.12	0.0			6096.29
	4.25.22		None Observed	12.82	0.0			6096.59
	10.24.22		None Observed	11.85	0.0			6097.56
MW-54	5.3.13	6107.62	None Observed	10.29	0.0	18.45	7.21-17.21	6097.33
	10.23.13		None Observed	9.82	0.0			6097.80
	4.21.14		None Observed	9.79	0.0			6097.83
	10.27.14		None Observed	9.80	0.0			6097.82
	4.28.15		None Observed	9.51	0.0			6098.11
	10.20.15		None Observed	9.70	0.0			6097.92
	4.08.16		None Observed	9.40	0.0			6098.22
	10.20.16		None Observed	10.30	0.0			6097.32
	5.17.17		None Observed	9.41	0.0			6098.21
	10.10.17		None Observed	9.97	0.0			6097.65
	5.04.18		None Observed	10.13	0.0			6097.49
	10.04.18		None Observed	10.78	0.0			6096.84
	5.30.19		None Observed	10.03	0.0			6097.59
	12.13.19		None Observed	10.85	0.0			6096.77
	4.28.20		None Observed	10.58	0.0			6097.04
	10.26.20		None Observed	11.96	0.0			6095.66
	4.8.21		None Observed	11.30	0.0			6096.32
	11.15.21		None Observed	11.69	0.0			6095.93
	4.25.22		None Observed	11.31	0.0			6096.31
	10.24.22		None Observed	10.63	0.0			6096.99

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-55	5.3.13	6107.53	None Observed	9.82	0.0	18.27	7.27-17.27	6097.71
	10.23.13		None Observed	9.45	0.0			6098.08
	4.21.14		None Observed	9.21	0.0			6098.32
	10.27.14		None Observed	9.08	0.0			6098.45
	4.28.15		None Observed	9.01	0.0			6098.52
	10.20.15		None Observed	9.11	0.0			6098.42
	4.08.16		None Observed	9.06	0.0			6098.47
	10.07.16		None Observed	9.51	0.0			6098.02
	5.17.17		Blockage					Blockage
	10.10.17		Blockage					Blockage
	5.04.18		Blockage					Blockage
	10.04.18		Blockage					Blockage
	5.30.19		None Observed	10.31	0.0			6097.22
	12.13.19		None Observed	11.43	0.0			6096.10
	4.28.20[I]		Not Gauged					Not Gauged
	10.26.20[I]		Not Gauged					Not Gauged
	4.8.21[I]		Not Gauged					Not Gauged
	11.15.21[I]		Not Gauged					Not Gauged
	4.25.22[I]		Not Gauged					Not Gauged
	10.24.22[I]		Not Gauged					Not Gauged
MW-75	4.23.13	6116.28	None Observed	18.98	0.0	27.25	12.25-27.25	6097.30
								6116.28
	10.23.13		None Observed	18.67	0.0			6097.61
	4.21.14		None Observed	18.35	0.0			6097.93
	10.27.14		None Observed	18.64	0.0			6097.64
	4.28.15		None Observed	18.18	0.0			6098.10
	10.20.15		None Observed	18.49	0.0			6097.79
	4.08.16		None Observed	18.07	0.0			6098.21
	10.07.16		None Observed	19.03	0.0			6097.25
	5.17.17		None Observed	18.10	0.0			6098.18
	10.10.17		None Observed	18.96	0.0			6097.32
	5.04.18		None Observed	18.79	0.0			6097.49
	10.04.18		None Observed	19.48	0.0			6096.80
	5.30.19		None Observed	18.59	0.0			6097.69
	12.13.19		None Observed	19.57	0.0			6096.71
	4.28.20		None Observed	19.30	0.0			6096.98
	10.26.20		None Observed	20.42	0.0			6095.86
	4.8.21		None Observed	20.05	0.0			6096.23
	11.15.21		None Observed	20.02	0.0			6096.26
	4.25.22		None Observed	19.71	0.0			6096.57
	10.24.22		None Observed	18.83	0.0			6097.45

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-76	10.23.13	6123.36	None Observed	25.33	0.0	30.28	15.28-30.28	6098.03
	4.21.14		None Observed	24.73	0.0			6098.63
	10.27.14		None Observed	25.20	0.0			6098.16
	4.28.15		None Observed	24.54	0.0			6098.82
	10.20.15		None Observed	25.03	0.0			6098.33
	4.08.16		None Observed	24.45	0.0			6098.91
	10.07.16		None Observed	25.40	0.0			6097.96
	5.17.17		None Observed	24.51	0.0			6098.85
	10.10.17		None Observed	25.54	0.0			6097.82
	5.04.18		None Observed	25.10	0.0			6098.26
	10.04.18		None Observed	25.86	0.0			6097.50
	5.30.19		None Observed	24.88	0.0			6098.48
	12.13.19		None Observed	25.94	0.0			6097.42
	4.28.20		None Observed	25.59	0.0			6097.77
	10.26.20		None Observed	26.69	0.0			6096.67
	4.8.21		None Observed	26.31	0.0			6097.05
	11.15.21		None Observed	26.49	0.0			6096.87
	4.25.22		None Observed	26.02	0.0			6097.34
	10.24.22		None Observed	25.60	0.0			6097.76
MW-77	10.23.13	6130.97	None Observed	33.13	0.0	37.08	22.08-37.08	6097.84
	4.21.14		None Observed	32.53	0.0			6098.44
	10.27.14		None Observed	32.98	0.0			6097.99
	4.28.15		None Observed	32.37	0.0			6098.60
	10.20.15		None Observed	32.82	0.0			6098.15
	4.08.16		None Observed	32.26	0.0			6098.71
	10.07.16		None Observed	33.19	0.0			6097.78
	5.17.17		None Observed	32.32	0.0			6098.65
	10.10.17		None Observed	33.35	0.0			6097.62
	5.04.18		None Observed	32.91	0.0			6098.06
	10.04.18		None Observed	33.65	0.0			6097.32
	5.30.19		None Observed	32.69	0.0			6098.28
	12.13.19		None Observed	33.77	0.0			6097.20
	4.28.20		None Observed	33.40	0.0			6097.57
	10.26.20		None Observed	34.49	0.0			6096.48
	4.8.21		None Observed	34.15	0.0			6096.82
	11.15.21		None Observed	34.30	0.0			6096.67
	4.25.22		None Observed	33.86	0.0			6097.11
	10.24.22		None Observed	33.37	0.0			6097.60

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-79	10.23.13	6127.81	None Observed	30.46	0.0	37.47	22.47-37.47	6097.35
	4.21.14		None Observed	30.05	0.0			6097.76
	10.27.14		None Observed	30.34	0.0			6097.47
	4.28.15		None Observed	29.91	0.0			6097.90
	10.20.15		None Observed	30.15	0.0			6097.66
	4.08.16		None Observed	29.69	0.0			6098.12
	10.07.16		None Observed	30.61	0.0			6097.20
	5.17.17		None Observed	29.71	0.0			6098.10
	10.10.17		None Observed	30.80	0.0			6097.01
	5.04.18		None Observed	30.74	0.0			6097.07
	10.04.18		None Observed	31.01	0.0			6096.80
	5.30.19		None Observed	30.18	0.0			6097.63
	12.13.19		None Observed	31.24	0.0			6096.57
	4.28.20		None Observed	30.91	0.0			6096.90
	10.26.20		None Observed	31.80	0.0			6096.01
	4.8.21		None Observed	31.68	0.0			6096.13
	11.15.21		None Observed	31.70	0.0			6096.11
	4.25.22		None Observed	31.36	0.0			6096.45
	10.24.22		None Observed	30.52	0.0			6097.29
MW-80	10.23.13	6124.39	None Observed	26.58	0.0	32.63	17.63-32.63	6097.81
	4.21.14		None Observed	26.12	0.0			6098.27
	10.27.14		None Observed	26.47	0.0			6097.92
	4.28.15		None Observed	25.91	0.0			6098.48
	4.08.16		None Observed	25.80	0.0			6098.59
	10.07.16		None Observed	26.72	0.0			6097.67
	5.17.17		None Observed	25.85	0.0			6098.54
	10.10.17		None Observed	26.86	0.0			6097.53
	5.04.18		None Observed	26.46	0.0			6097.93
	10.04.18		None Observed	27.19	0.0			6097.20
	5.30.19		None Observed	26.23	0.0			6098.16
	12.13.19		None Observed	27.31	0.0			6097.08
	4.28.20		None Observed	26.99	0.0			6097.40
	10.26.20		None Observed	28.08	0.0			6096.31
	4.8.21		None Observed	27.74	0.0			6096.65
	11.15.21		None Observed	27.83	0.0			6096.56
	4.25.22		None Observed	27.43	0.0			6096.96
	10.24.22		None Observed	26.78	0.0			6097.61

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GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-83	10.23.13	6116.86	None Observed	18.91	0.0	22.94	12.94-22.94	6097.95
	4.21.14		None Observed	18.30	0.0			6098.56
	10.27.14		None Observed	18.79	0.0			6098.07
	4.28.15		None Observed	18.14	0.0			6098.72
	4.08.16		None Observed	18.04	0.0			6098.82
	10.07.16		None Observed	18.96	0.0			6097.90
	5.17.17		None Observed	18.10	0.0			6098.76
	10.10.17		None Observed	19.13	0.0			6097.73
	5.04.18		None Observed	18.69	0.0			6098.17
	10.04.18		None Observed	19.41	0.0			6097.45
	5.30.19		None Observed	18.46	0.0			6098.40
	12.13.19		None Observed	19.54	0.0			6097.32
	4.28.20		None Observed	19.20	0.0			6097.66
	10.26.20		None Observed	20.24	0.0			6096.62
	4.8.21		None Observed	19.93	0.0			6096.93
	11.15.21		None Observed	20.09	0.0			6096.77
	4.25.22		None Observed	19.64	0.0			6097.22
	10.24.22		None Observed	19.15	0.0			6097.71
MW-88	10.27.14	6118.65	None Observed	24.16	0.0	27.93	17.93-27.93	6094.49
	4.28.15		None Observed	23.71	0.0			6094.94
	10.20.15		None Observed	23.94	0.0			6094.71
	4.08.16		None Observed	23.49	0.0			6095.16
	10.07.16		None Observed	24.37	0.0			6094.28
	5.17.17		None Observed	23.60	0.0			6095.05
	10.10.17		None Observed	24.38	0.0			6094.27
	5.04.18		None Observed	24.09	0.0			6094.56
	10.04.18		None Observed	24.70	0.0			6093.95
	5.30.19		None Observed	24.05	0.0			6094.60
	12.13.19		None Observed	24.66	0.0			6093.99
	4.28.20		None Observed	24.80	0.0			6093.85
	10.26.20		None Observed	25.80	0.0			6092.85
	4.8.21		None Observed	25.48	0.0			6093.17
	11.15.21		None Observed	25.35	0.0			6093.30
	4.25.22		None Observed	25.15	0.0			6093.50
	10.24.22		None Observed	24.44	0.0			6094.21

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-89	10.27.14	6118.31	None Observed	23.83	0.0	28.98	17.98-27.98	6094.48
	4.28.15		None Observed	23.44	0.0			6094.87
	10.20.15		None Observed	23.61	0.0			6094.70
	4.08.16		None Observed	23.26	0.0			6095.05
	10.07.16		None Observed	24.19	0.0			6094.12
	5.17.17		None Observed	23.35	0.0			6094.96
	10.10.17		None Observed	23.96	0.0			6094.35
	5.04.18		None Observed	23.91	0.0			6094.40
	10.04.18		None Observed	24.67	0.0			6093.64
	5.30.19		None Observed	23.80	0.0			6094.51
	12.13.19		None Observed	24.00	0.0			6094.31
	4.28.20		None Observed	25.55	0.0			6092.76
	10.26.20		None Observed	25.69	0.0			6092.62
	4.8.21		None Observed	25.23	0.0			6093.08
	11.15.21		None Observed	25.06	0.0			6093.25
	4.25.22		None Observed	24.88	0.0			6093.43
	10.24.22		None Observed	23.96	0.0			6094.35
MW-90	10.27.14	6117.82	None Observed	23.09	0.0	28.15	18.15-28.15	6094.73
	4.28.15		None Observed	22.73	0.0			6095.09
	10.20.15		None Observed	22.90	0.0			6094.92
	4.08.16		None Observed	22.57	0.0			6095.25
	10.07.16		None Observed	23.45	0.0			6094.37
	5.17.17		None Observed	22.64	0.0			6095.18
	10.10.17		None Observed	23.21	0.0			6094.61
	5.04.18		None Observed	23.20	0.0			6094.62
	10.04.18		None Observed	23.93	0.0			6093.89
	5.30.19		None Observed	23.08	0.0			6094.74
	12.13.19		None Observed	23.43	0.0			6094.39
	4.28.20		None Observed	23.83	0.0			6093.99
	10.26.20		Dry					Dry
	4.8.21		None Observed	24.50	0.0			6093.32
	11.15.21		None Observed	24.34	0.0			6093.48
	4.25.22		None Observed	24.13	0.0			6093.69
	10.24.22		None Observed	23.20	0.0			6094.62
MW-122	2.15.22	6111.66	None Observed	15.34	0.0	21	11-21	6096.32
	4.25.22		None Observed	15.32	0.0			6096.34
	10.24.22		None Observed	14.37	0.0			6097.29
MW-123	2.15.22	6112.15	None Observed	15.19	0.0	22.97	12.97-22.97	6096.96
	4.25.22		None Observed	15.17	0.0			6096.98
	10.24.22		None Observed	14.22	0.0			6097.93

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TABLE 3
Largo Compressor Station
GROUNDWATER ELEVATIONS

Monitoring Well ID	Measurement Date	TOC Elevation (feet)	Depth to PSH (feet)	Depth to Water (feet)	PSH Thickness (feet)	Total Depth of Well BTOC (feet)	Screen Interval BTOC (feet)	Corrected Groundwater Elevation[1] (feet)
MW-124	2.15.22	6113.78	None Observed	17.06	0.0	23.07	13.07-23.07	6096.72
	4.25.22		None Observed	17.06	0.0			6096.72
	10.24.22		None Observed	16.13	0.0			6097.65

NA - Not available

TOC - Top of casing

BTOC - Below top of casing

[1] - On 11/02/2012, this table was adjusted to reflect July 2012 re-survey and a specific gravity of 0.69 for NAPL

[A] - Air sparge system was running during the sampling event resulting in an inaccurate gauge.

[B] - Aberrant gauging data

[C] - Monitoring well was inaccessible due to 2017 excavation and therefore was not gauged.

[D] - Regauged 1.31.11 to confirm product thickness

[E] - The monitoring well serves a replacement for the well that was removed during remediation activities.

[F] - Monitoring well MW-40 was replaced by MW-40R

[G] - Well effectively dry

[H] - Surface completion of the monitoring well was damaged during the Area 3 excavation activities but was repaired during the end of remediation activties in 2019.

[I] - Monitoring well MW-55 was not gauaged due to obstruction of the well casing.

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APPENDIX H

Laboratory Data Sheets & Chain of Custody Documentation

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

September 20, 2021

Kyle Summers

ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX

RE: Largo CS OrderNo.: 2109230

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 11 sample(s) on 9/4/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-125 @ 6'-7'
Project: Largo CS
Collection Date: 9/2/2021 9:20:00 AM
Lab ID: 2109230-001 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	61		mg/Kg	20	9/10/2021 2:54:21 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/10/2021 5:47:17 PM	62470
Surr: BFB	111	70-130		%Rec	1	9/10/2021 5:47:17 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	9/10/2021 8:25:32 PM	62482
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/10/2021 8:25:32 PM	62482
Surr: DNOP	104	70-130		%Rec	1	9/10/2021 8:25:32 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	9/10/2021 5:47:17 PM	62470
Toluene	ND	0.048		mg/Kg	1	9/10/2021 5:47:17 PM	62470
Ethylbenzene	ND	0.048		mg/Kg	1	9/10/2021 5:47:17 PM	62470
Xylenes, Total	ND	0.097		mg/Kg	1	9/10/2021 5:47:17 PM	62470
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	9/10/2021 5:47:17 PM	62470
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	9/10/2021 5:47:17 PM	62470
Surr: Dibromofluoromethane	110	70-130		%Rec	1	9/10/2021 5:47:17 PM	62470
Surr: Toluene-d8	107	70-130		%Rec	1	9/10/2021 5:47:17 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-35R @ 5'-6'
Project: Largo CS
Collection Date: 9/2/2021 9:40:00 AM
Lab ID: 2109230-002 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	59		mg/Kg	20	9/10/2021 3:06:44 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2021 6:16:16 PM	62470
Surr: BFB	106	70-130		%Rec	1	9/10/2021 6:16:16 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/10/2021 8:35:27 PM	62482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/10/2021 8:35:27 PM	62482
Surr: DNOP	104	70-130		%Rec	1	9/10/2021 8:35:27 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	9/10/2021 6:16:16 PM	62470
Toluene	ND	0.049		mg/Kg	1	9/10/2021 6:16:16 PM	62470
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2021 6:16:16 PM	62470
Xylenes, Total	ND	0.097		mg/Kg	1	9/10/2021 6:16:16 PM	62470
Surr: 1,2-Dichloroethane-d4	94.5	70-130		%Rec	1	9/10/2021 6:16:16 PM	62470
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	9/10/2021 6:16:16 PM	62470
Surr: Dibromofluoromethane	103	70-130		%Rec	1	9/10/2021 6:16:16 PM	62470
Surr: Toluene-d8	106	70-130		%Rec	1	9/10/2021 6:16:16 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-123/MW-123 @ 5'
Project: Largo CS
Collection Date: 9/2/2021 10:15:00 AM
Lab ID: 2109230-003 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	59		mg/Kg	20	9/10/2021 3:19:06 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/10/2021 6:45:17 PM	62470
Surr: BFB	110	70-130		%Rec	1	9/10/2021 6:45:17 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.1		mg/Kg	1	9/10/2021 8:45:25 PM	62482
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	9/10/2021 8:45:25 PM	62482
Surr: DNOP	106	70-130		%Rec	1	9/10/2021 8:45:25 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	9/10/2021 6:45:17 PM	62470
Toluene	ND	0.047		mg/Kg	1	9/10/2021 6:45:17 PM	62470
Ethylbenzene	ND	0.047		mg/Kg	1	9/10/2021 6:45:17 PM	62470
Xylenes, Total	ND	0.094		mg/Kg	1	9/10/2021 6:45:17 PM	62470
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	9/10/2021 6:45:17 PM	62470
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	9/10/2021 6:45:17 PM	62470
Surr: Dibromofluoromethane	106	70-130		%Rec	1	9/10/2021 6:45:17 PM	62470
Surr: Toluene-d8	110	70-130		%Rec	1	9/10/2021 6:45:17 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-33R @ 5'
Project: Largo CS
Collection Date: 9/2/2021 10:45:00 AM
Lab ID: 2109230-004 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	9/10/2021 3:31:26 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/10/2021 7:14:13 PM	62470
Surr: BFB	106	70-130		%Rec	1	9/10/2021 7:14:13 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/10/2021 6:27:02 PM	62482
Motor Oil Range Organics (MRO)	58	50		mg/Kg	1	9/10/2021 6:27:02 PM	62482
Surr: DNOP	104	70-130		%Rec	1	9/10/2021 6:27:02 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	9/10/2021 7:14:13 PM	62470
Toluene	ND	0.047		mg/Kg	1	9/10/2021 7:14:13 PM	62470
Ethylbenzene	ND	0.047		mg/Kg	1	9/10/2021 7:14:13 PM	62470
Xylenes, Total	ND	0.095		mg/Kg	1	9/10/2021 7:14:13 PM	62470
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	9/10/2021 7:14:13 PM	62470
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	9/10/2021 7:14:13 PM	62470
Surr: Dibromofluoromethane	112	70-130		%Rec	1	9/10/2021 7:14:13 PM	62470
Surr: Toluene-d8	106	70-130		%Rec	1	9/10/2021 7:14:13 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-36R @ 5'-6'
Project: Largo CS
Collection Date: 9/2/2021 11:15:00 AM
Lab ID: 2109230-005 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	140	60		mg/Kg	20	9/10/2021 3:43:47 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/10/2021 7:43:04 PM	62470
Surr: BFB	105	70-130		%Rec	1	9/10/2021 7:43:04 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/10/2021 8:55:23 PM	62482
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/10/2021 8:55:23 PM	62482
Surr: DNOP	105	70-130		%Rec	1	9/10/2021 8:55:23 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	9/10/2021 7:43:04 PM	62470
Toluene	ND	0.050		mg/Kg	1	9/10/2021 7:43:04 PM	62470
Ethylbenzene	ND	0.050		mg/Kg	1	9/10/2021 7:43:04 PM	62470
Xylenes, Total	ND	0.099		mg/Kg	1	9/10/2021 7:43:04 PM	62470
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	9/10/2021 7:43:04 PM	62470
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	9/10/2021 7:43:04 PM	62470
Surr: Dibromofluoromethane	105	70-130		%Rec	1	9/10/2021 7:43:04 PM	62470
Surr: Toluene-d8	106	70-130		%Rec	1	9/10/2021 7:43:04 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-37R @ 4'-5'
Project: Largo CS
Collection Date: 9/2/2021 11:40:00 AM
Lab ID: 2109230-006 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	59		mg/Kg	20	9/10/2021 3:56:07 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/10/2021 8:11:52 PM	62470
Surr: BFB	105	70-130		%Rec	1	9/10/2021 8:11:52 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	7.9		mg/Kg	1	9/10/2021 9:05:20 PM	62482
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	9/10/2021 9:05:20 PM	62482
Surr: DNOP	100	70-130		%Rec	1	9/10/2021 9:05:20 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	9/10/2021 8:11:52 PM	62470
Toluene	ND	0.046		mg/Kg	1	9/10/2021 8:11:52 PM	62470
Ethylbenzene	ND	0.046		mg/Kg	1	9/10/2021 8:11:52 PM	62470
Xylenes, Total	ND	0.092		mg/Kg	1	9/10/2021 8:11:52 PM	62470
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	9/10/2021 8:11:52 PM	62470
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	9/10/2021 8:11:52 PM	62470
Surr: Dibromofluoromethane	110	70-130		%Rec	1	9/10/2021 8:11:52 PM	62470
Surr: Toluene-d8	110	70-130		%Rec	1	9/10/2021 8:11:52 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-48R @ 7'
Project: Largo CS
Collection Date: 9/3/2021 8:25:00 AM
Lab ID: 2109230-007 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	71	60		mg/Kg	20	9/10/2021 4:08:28 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/10/2021 8:40:37 PM	62470
Surr: BFB	103	70-130		%Rec	1	9/10/2021 8:40:37 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/10/2021 9:15:17 PM	62482
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2021 9:15:17 PM	62482
Surr: DNOP	106	70-130		%Rec	1	9/10/2021 9:15:17 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	9/10/2021 8:40:37 PM	62470
Toluene	ND	0.048		mg/Kg	1	9/10/2021 8:40:37 PM	62470
Ethylbenzene	ND	0.048		mg/Kg	1	9/10/2021 8:40:37 PM	62470
Xylenes, Total	ND	0.096		mg/Kg	1	9/10/2021 8:40:37 PM	62470
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	9/10/2021 8:40:37 PM	62470
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	9/10/2021 8:40:37 PM	62470
Surr: Dibromofluoromethane	106	70-130		%Rec	1	9/10/2021 8:40:37 PM	62470
Surr: Toluene-d8	107	70-130		%Rec	1	9/10/2021 8:40:37 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-48R @ 10'
Project: Largo CS
Collection Date: 9/3/2021 8:35:00 AM
Lab ID: 2109230-008 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	61		mg/Kg	20	9/10/2021 4:20:49 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	2400	98		mg/Kg	20	9/10/2021 9:09:22 PM	62470
Surr: BFB	107	70-130		%Rec	20	9/10/2021 9:09:22 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	47	9.4		mg/Kg	1	9/10/2021 9:25:16 PM	62482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/10/2021 9:25:16 PM	62482
Surr: DNOP	105	70-130		%Rec	1	9/10/2021 9:25:16 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	0.69	0.49		mg/Kg	20	9/10/2021 9:09:22 PM	62470
Toluene	16	0.98		mg/Kg	20	9/10/2021 9:09:22 PM	62470
Ethylbenzene	5.1	0.98		mg/Kg	20	9/10/2021 9:09:22 PM	62470
Xylenes, Total	55	2.0		mg/Kg	20	9/10/2021 9:09:22 PM	62470
Surr: 1,2-Dichloroethane-d4	99.6	70-130		%Rec	20	9/10/2021 9:09:22 PM	62470
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	20	9/10/2021 9:09:22 PM	62470
Surr: Dibromofluoromethane	101	70-130		%Rec	20	9/10/2021 9:09:22 PM	62470
Surr: Toluene-d8	106	70-130		%Rec	20	9/10/2021 9:09:22 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-122/MW-122 @ 2'
Project: Largo CS
Collection Date: 9/3/2021 9:40:00 AM
Lab ID: 2109230-009 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	59		mg/Kg	20	9/10/2021 4:33:11 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	4.9	4.7		mg/Kg	1	9/10/2021 10:06:41 PM	62470
Surr: BFB	103	70-130		%Rec	1	9/10/2021 10:06:41 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/10/2021 9:35:17 PM	62482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/10/2021 9:35:17 PM	62482
Surr: DNOP	117	70-130		%Rec	1	9/10/2021 9:35:17 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	9/10/2021 10:06:41 PM	62470
Toluene	ND	0.047		mg/Kg	1	9/10/2021 10:06:41 PM	62470
Ethylbenzene	ND	0.047		mg/Kg	1	9/10/2021 10:06:41 PM	62470
Xylenes, Total	0.15	0.094		mg/Kg	1	9/10/2021 10:06:41 PM	62470
Surr: 1,2-Dichloroethane-d4	99.3	70-130		%Rec	1	9/10/2021 10:06:41 PM	62470
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	9/10/2021 10:06:41 PM	62470
Surr: Dibromofluoromethane	104	70-130		%Rec	1	9/10/2021 10:06:41 PM	62470
Surr: Toluene-d8	102	70-130		%Rec	1	9/10/2021 10:06:41 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Project: Largo CS
Lab ID: 2109230-010 **Matrix:** SOIL

Client Sample ID: SB-122/MW-122 @ 6'
Collection Date: 9/3/2021 9:45:00 AM
Received Date: 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	9/10/2021 4:45:32 AM	62491
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/10/2021 10:35:20 PM	62470
Surr: BFB	97.4	70-130		%Rec	1	9/10/2021 10:35:20 PM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/10/2021 9:45:27 PM	62482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/10/2021 9:45:27 PM	62482
Surr: DNOP	110	70-130		%Rec	1	9/10/2021 9:45:27 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	9/10/2021 10:35:20 PM	62470
Toluene	ND	0.046		mg/Kg	1	9/10/2021 10:35:20 PM	62470
Ethylbenzene	ND	0.046		mg/Kg	1	9/10/2021 10:35:20 PM	62470
Xylenes, Total	ND	0.093		mg/Kg	1	9/10/2021 10:35:20 PM	62470
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	9/10/2021 10:35:20 PM	62470
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	9/10/2021 10:35:20 PM	62470
Surr: Dibromofluoromethane	105	70-130		%Rec	1	9/10/2021 10:35:20 PM	62470
Surr: Toluene-d8	98.0	70-130		%Rec	1	9/10/2021 10:35:20 PM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2109230**
Date Reported: **9/20/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-124/MW-124 @ 5-6"
Project: Largo CS
Collection Date: 9/3/2021 10:20:00 AM
Lab ID: 2109230-011 **Matrix:** SOIL **Received Date:** 9/4/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	9/10/2021 11:31:49 AM	62505
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2021 1:55:20 AM	62470
Surr: BFB	105	70-130		%Rec	1	9/11/2021 1:55:20 AM	62470
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	9/10/2021 9:55:37 PM	62482
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/10/2021 9:55:37 PM	62482
Surr: DNOP	110	70-130		%Rec	1	9/10/2021 9:55:37 PM	62482
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	9/11/2021 1:55:20 AM	62470
Toluene	ND	0.049		mg/Kg	1	9/11/2021 1:55:20 AM	62470
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2021 1:55:20 AM	62470
Xylenes, Total	ND	0.097		mg/Kg	1	9/11/2021 1:55:20 AM	62470
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	9/11/2021 1:55:20 AM	62470
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	9/11/2021 1:55:20 AM	62470
Surr: Dibromofluoromethane	103	70-130		%Rec	1	9/11/2021 1:55:20 AM	62470
Surr: Toluene-d8	102	70-130		%Rec	1	9/11/2021 1:55:20 AM	62470

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109230**

20-Sep-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **MB-62491** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **62491** RunNo: **81172**

Prep Date: **9/9/2021** Analysis Date: **9/9/2021** SeqNo: **2865351** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-62491** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **62491** RunNo: **81172**

Prep Date: **9/9/2021** Analysis Date: **9/9/2021** SeqNo: **2865352** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: **MB-62505** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **62505** RunNo: **81175**

Prep Date: **9/10/2021** Analysis Date: **9/10/2021** SeqNo: **2866584** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-62505** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **62505** RunNo: **81175**

Prep Date: **9/10/2021** Analysis Date: **9/10/2021** SeqNo: **2866585** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109230**

20-Sep-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **LCS-62482** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **62482** RunNo: **81181**

Prep Date: **9/9/2021** Analysis Date: **9/10/2021** SeqNo: **2867172** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	83.3	68.9	135			
Surr: DNOP	4.4		5.000		87.4	70	130			

Sample ID: **MB-62482** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **62482** RunNo: **81181**

Prep Date: **9/9/2021** Analysis Date: **9/10/2021** SeqNo: **2867175** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		98.0	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2109230**
20-Sep-21

Client: ENSOLUM
Project: Largo CS

Sample ID: **mb-62470** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **62470** RunNo: **81220**
Prep Date: **9/8/2021** Analysis Date: **9/10/2021** SeqNo: **2867403** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		100	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.5	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		101	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Sample ID: **lcs-62470** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **62470** RunNo: **81220**
Prep Date: **9/8/2021** Analysis Date: **9/10/2021** SeqNo: **2867405** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.2	80	120			
Toluene	0.99	0.050	1.000	0	99.4	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.8	80	120			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		97.0	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.3	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		99.4	70	130			
Surr: Toluene-d8	0.53		0.5000		107	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2109230**

20-Sep-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb-62470**	SampType: **MBLK**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS**	Batch ID: **62470**	RunNo: **81220**
Prep Date: **9/8/2021**	Analysis Date: **9/10/2021**	SeqNo: **2867502** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	520		500.0		103	70	130			

Sample ID: **lcs-62470**	SampType: **LCS**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS**	Batch ID: **62470**	RunNo: **81220**
Prep Date: **9/8/2021**	Analysis Date: **9/10/2021**	SeqNo: **2867504** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	70	130			
Surr: BFB	490		500.0		97.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM Work Order Number: 2109230 RcptNo: 1

Received By: Juan Rojas 9/4/2021 8:30:00 AM

Completed By: Isaiah Ortiz 9/7/2021 8:12:57 AM

Reviewed By: JR 9/7/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: KPG 9/7/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Not Present			

Released to Imaging: 4/22/2024 8:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

Email or Fax#: KSummers

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: KSummers

Sampler: RDeechilly

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.4-0.2=1.2 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2109230	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides
9/2/21	920	S	SB-125@6'-7'	1x4oz Jar	Cool	001	X	X									X
9/2/21	940	S	MW-35R@5'-6'	1x4oz Jar	Cool	002	X	X									X
9/2/21	1015	S	SB-123/MW-123@5'	1x4oz Jar	Cool	003	X	X									X
9/2/21	1045	S	MW-33R@5'	1x4oz Jar	Cool	004	X	X									X
9/2/21	1115	S	MW-36R@5'-6'	1x4oz Jar	Cool	005	X	X									X
9/2/21	1140	S	MW-37R@4'-5'	1x4oz Jar	Cool	006	X	X									X
9/3/21	825	S	MW-48R@7'	1x4oz Jar	Cool	007	X	X									X
9/3/21	835	S	MW-48R@10'	1x4oz Jar	Cool	008	X	X									X
9/3/21	940	S	SB-122/MW-122@2'	1x4oz Jar	Cool	009	X	X									X
9/3/21	945	S	SB-122/MW-122@6'	1x4oz Jar	Cool	010	X	X									X
9/3/21	1020	S	SB-124/MW-124@5'-6'	1x4oz Jar	Cool	011	X	X									X

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/3/21	1400			courier	9/4/21	8:30
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks: Bill to Ensolum.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

January 03, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2112B76

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 12/18/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

CLIENT: ENSOLUM
Project: Largo CS
Lab ID: 2112B76-001 **Matrix:** SOIL

Client Sample ID: SB-123/ MW-123 @ 14'-15'
Collection Date: 12/16/2021 9:40:00 AM
Received Date: 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	12/28/2021 6:43:14 PM	64746
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/21/2021 3:31:20 PM	64645
Motor Oil Range Organics (MRO)	68	47		mg/Kg	1	12/21/2021 3:31:20 PM	64645
Surr: DNOP	91.8	70-130		%Rec	1	12/21/2021 3:31:20 PM	64645
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/22/2021 12:44:00 AM	64638
Surr: BFB	97.5	70-130		%Rec	1	12/22/2021 12:44:00 AM	64638
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.023		mg/Kg	1	12/22/2021 12:44:00 AM	64638
Toluene	ND	0.047		mg/Kg	1	12/22/2021 12:44:00 AM	64638
Ethylbenzene	ND	0.047		mg/Kg	1	12/22/2021 12:44:00 AM	64638
Xylenes, Total	ND	0.094		mg/Kg	1	12/22/2021 12:44:00 AM	64638
Surr: 4-Bromofluorobenzene	81.6	70-130		%Rec	1	12/22/2021 12:44:00 AM	64638

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-123/MW-123 @ 19'-20'
Project: Largo CS
Collection Date: 12/16/2021 9:45:00 AM
Lab ID: 2112B76-002 **Matrix:** SOIL **Received Date:** 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	12/28/2021 6:55:35 PM	64746
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	8.0		mg/Kg	1	12/21/2021 3:43:28 PM	64645
Motor Oil Range Organics (MRO)	ND	40		mg/Kg	1	12/21/2021 3:43:28 PM	64645
Surr: DNOP	90.7	70-130		%Rec	1	12/21/2021 3:43:28 PM	64645
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/22/2021 1:03:00 AM	64638
Surr: BFB	86.5	70-130		%Rec	1	12/22/2021 1:03:00 AM	64638
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 1:03:00 AM	64638
Toluene	ND	0.049		mg/Kg	1	12/22/2021 1:03:00 AM	64638
Ethylbenzene	ND	0.049		mg/Kg	1	12/22/2021 1:03:00 AM	64638
Xylenes, Total	ND	0.098		mg/Kg	1	12/22/2021 1:03:00 AM	64638
Surr: 4-Bromofluorobenzene	80.5	70-130		%Rec	1	12/22/2021 1:03:00 AM	64638

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-37R @ 13'-15'
Project: Largo CS
Collection Date: 12/16/2021 11:25:00 AM
Lab ID: 2112B76-003 **Matrix:** SOIL **Received Date:** 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	12/28/2021 5:48:19 PM	64754
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	12/21/2021 3:55:26 PM	64645
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	12/21/2021 3:55:26 PM	64645
Surr: DNOP	86.9	70-130		%Rec	1	12/21/2021 3:55:26 PM	64645
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/22/2021 1:23:00 AM	64638
Surr: BFB	90.4	70-130		%Rec	1	12/22/2021 1:23:00 AM	64638
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 1:23:00 AM	64638
Toluene	ND	0.047		mg/Kg	1	12/22/2021 1:23:00 AM	64638
Ethylbenzene	ND	0.047		mg/Kg	1	12/22/2021 1:23:00 AM	64638
Xylenes, Total	ND	0.095		mg/Kg	1	12/22/2021 1:23:00 AM	64638
Surr: 4-Bromofluorobenzene	80.2	70-130		%Rec	1	12/22/2021 1:23:00 AM	64638

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-37R @ 16.5'-18'
Project: Largo CS
Collection Date: 12/16/2021 11:30:00 AM
Lab ID: 2112B76-004 **Matrix:** SOIL **Received Date:** 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	61		mg/Kg	20	12/28/2021 6:00:44 PM	64754
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**TOM**
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	12/21/2021 4:07:25 PM	64645
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	12/21/2021 4:07:25 PM	64645
Surr: DNOP	90.4	70-130		%Rec	1	12/21/2021 4:07:25 PM	64645
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/22/2021 1:42:00 AM	64638
Surr: BFB	81.6	70-130		%Rec	1	12/22/2021 1:42:00 AM	64638
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.023		mg/Kg	1	12/22/2021 1:42:00 AM	64638
Toluene	ND	0.047		mg/Kg	1	12/22/2021 1:42:00 AM	64638
Ethylbenzene	ND	0.047		mg/Kg	1	12/22/2021 1:42:00 AM	64638
Xylenes, Total	ND	0.093		mg/Kg	1	12/22/2021 1:42:00 AM	64638
Surr: 4-Bromofluorobenzene	78.8	70-130		%Rec	1	12/22/2021 1:42:00 AM	64638

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-36R @ 12'-14'
Project: Largo CS
Collection Date: 12/16/2021 1:30:00 PM
Lab ID: 2112B76-005 **Matrix:** SOIL **Received Date:** 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	82	60		mg/Kg	20	12/28/2021 7:02:48 PM	64754
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/21/2021 4:19:25 PM	64645
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/21/2021 4:19:25 PM	64645
Surr: DNOP	90.7	70-130		%Rec	1	12/21/2021 4:19:25 PM	64645
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **mb**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/22/2021 2:02:00 AM	64638
Surr: BFB	92.7	70-130		%Rec	1	12/22/2021 2:02:00 AM	64638
EPA METHOD 8021B: VOLATILES						Analyst: **mb**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 2:02:00 AM	64638
Toluene	ND	0.049		mg/Kg	1	12/22/2021 2:02:00 AM	64638
Ethylbenzene	ND	0.049		mg/Kg	1	12/22/2021 2:02:00 AM	64638
Xylenes, Total	ND	0.097		mg/Kg	1	12/22/2021 2:02:00 AM	64638
Surr: 4-Bromofluorobenzene	80.0	70-130		%Rec	1	12/22/2021 2:02:00 AM	64638

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-36R @ 16'-18'
Project: Largo CS
Collection Date: 12/16/2021 1:35:00 PM
Lab ID: 2112B76-006 **Matrix:** SOIL **Received Date:** 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	12/28/2021 7:15:12 PM	64754
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**TOM**
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	12/21/2021 4:31:35 PM	64645
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	12/21/2021 4:31:35 PM	64645
Surr: DNOP	87.8	70-130		%Rec	1	12/21/2021 4:31:35 PM	64645
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**mb**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/22/2021 2:21:00 AM	64638
Surr: BFB	82.7	70-130		%Rec	1	12/22/2021 2:21:00 AM	64638
EPA METHOD 8021B: VOLATILES						Analyst:	**mb**
Benzene	ND	0.024		mg/Kg	1	12/22/2021 2:21:00 AM	64638
Toluene	ND	0.048		mg/Kg	1	12/22/2021 2:21:00 AM	64638
Ethylbenzene	ND	0.048		mg/Kg	1	12/22/2021 2:21:00 AM	64638
Xylenes, Total	ND	0.096		mg/Kg	1	12/22/2021 2:21:00 AM	64638
Surr: 4-Bromofluorobenzene	79.8	70-130		%Rec	1	12/22/2021 2:21:00 AM	64638

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-35R @ 15'-16'
Project: Largo CS
Collection Date: 12/16/2021 2:45:00 PM
Lab ID: 2112B76-007 **Matrix:** SOIL **Received Date:** 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**LRN**
Chloride	ND	60		mg/Kg	20	12/28/2021 7:27:37 PM	64754
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/21/2021 7:48:18 PM	64646
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/21/2021 7:48:18 PM	64646
Surr: DNOP	70.5	70-130		%Rec	1	12/21/2021 7:48:18 PM	64646
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	310	4.7		mg/Kg	1	12/22/2021 1:02:00 AM	64642
Surr: BFB	1300	70-130	S	%Rec	1	12/22/2021 1:02:00 AM	64642
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.023		mg/Kg	1	12/22/2021 1:02:00 AM	64642
Toluene	0.075	0.047		mg/Kg	1	12/22/2021 1:02:00 AM	64642
Ethylbenzene	0.63	0.047		mg/Kg	1	12/22/2021 1:02:00 AM	64642
Xylenes, Total	ND	0.094		mg/Kg	1	12/22/2021 1:02:00 AM	64642
Surr: 4-Bromofluorobenzene	153	70-130	S	%Rec	1	12/22/2021 1:02:00 AM	64642

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112B76**
Date Reported: **1/3/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-35R @ 17'-18'
Project: Largo CS
Collection Date: 12/16/2021 2:50:00 PM
Lab ID: 2112B76-008 **Matrix:** SOIL **Received Date:** 12/18/2021 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	12/28/2021 7:40:02 PM	64754
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/21/2021 9:00:38 PM	64646
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/21/2021 9:00:38 PM	64646
Surr: DNOP	74.0	70-130		%Rec	1	12/21/2021 9:00:38 PM	64646
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/22/2021 2:11:31 AM	64642
Surr: BFB	110	70-130		%Rec	1	12/22/2021 2:11:31 AM	64642
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	12/22/2021 2:11:31 AM	64642
Toluene	ND	0.049		mg/Kg	1	12/22/2021 2:11:31 AM	64642
Ethylbenzene	ND	0.049		mg/Kg	1	12/22/2021 2:11:31 AM	64642
Xylenes, Total	ND	0.098		mg/Kg	1	12/22/2021 2:11:31 AM	64642
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	12/22/2021 2:11:31 AM	64642

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112B76**

03-Jan-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **MB-64754** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **64754** RunNo: **84819**

Prep Date: **12/28/2021** Analysis Date: **12/28/2021** SeqNo: **2983974** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-64754** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **64754** RunNo: **84819**

Prep Date: **12/28/2021** Analysis Date: **12/28/2021** SeqNo: **2983975** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.9	90	110			

Sample ID: **MB-64746** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **64746** RunNo: **84833**

Prep Date: **12/28/2021** Analysis Date: **12/28/2021** SeqNo: **2984035** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-64746** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **64746** RunNo: **84833**

Prep Date: **12/28/2021** Analysis Date: **12/28/2021** SeqNo: **2984036** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2112B76**
03-Jan-22

Client: ENSOLUM
Project: Largo CS

Sample ID: **MB-64645**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **64645**	RunNo: **84683**							
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2979040**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.1	70	130			

Sample ID: **LCS-64645**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **64645**	RunNo: **84683**							
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2979041**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.2	68.9	135			
Surr: DNOP	3.8		5.000		75.7	70	130			

Sample ID: **LCS-64646**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **64646**	RunNo: **84720**							
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2979223**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	10	50.00	0	115	68.9	135			
Surr: DNOP	3.3		5.000		66.0	70	130			S

Sample ID: **MB-64646**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **64646**	RunNo: **84720**							
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2979225**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.3		10.00		73.2	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2112B76**
03-Jan-22

Client: ENSOLUM
Project: Largo CS

Sample ID: **mb-64638**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **64638**	RunNo: **84714**
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2978809** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	840		1000		84.2	70	130			

Sample ID: **lcs-64638**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **64638**	RunNo: **84714**
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2978811** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	78.6	131			
Surr: BFB	1000		1000		99.8	70	130			

Sample ID: **mb-64642**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **64642**	RunNo: **84701**
Prep Date: **12/20/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978950** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	940		1000		94.4	70	130			

Sample ID: **lcs-64642**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **64642**	RunNo: **84701**
Prep Date: **12/20/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978951** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.8	78.6	131			
Surr: BFB	990		1000		99.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2112B76**
03-Jan-22

Client: ENSOLUM
Project: Largo CS

Sample ID: **mb-64638**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **64638**	RunNo: **84714**
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2978857** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.79		1.000		78.9	70	130			

Sample ID: **lcs-64638**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **64638**	RunNo: **84714**
Prep Date: **12/20/2021**	Analysis Date: **12/21/2021**	SeqNo: **2978859** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.5	80	120			
Toluene	0.90	0.050	1.000	0	90.4	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.5	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.3	80	120			
Surr: 4-Bromofluorobenzene	0.79		1.000		79.4	70	130			

Sample ID: **mb-64642**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **64642**	RunNo: **84701**
Prep Date: **12/20/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978997** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: **LCS-64642**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **64642**	RunNo: **84701**
Prep Date: **12/20/2021**	Analysis Date: **12/22/2021**	SeqNo: **2978998** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.1	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.3	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2112B76 | RcptNo: 1

Received By: **Isaiah Ortiz** 12/18/2021 10:00:00 AM I-Ox

Completed By: **Isaiah Ortiz** 12/20/2021 9:12:55 AM I-Ox

Reviewed By: JN 12/20/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JNE 12/20/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.6	Good	Not Present			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande Suite A

Aztec, NM 87410

Phone #:

email or Fax#: ksummers@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: Ksummers

Sampler: RDeechilly

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 2.6 +0 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2112376	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
12/16/21	940	S	SB-123/MW-123@14-15'	1x4oz Jar	Cool	001	X	X									X
12/16/21	945	S	SB-123/MW-123@19-20'	1x4oz Jar	Cool	002	X	X									X
12/16/21	1125	S	MW-37R@13-15'	1x4oz Jar	Cool	003	X	X									X
12/16/21	1130	S	MW-37R@16.5-18'	1x4oz Jar	Cool	004	X	X									X
12/16/21	1330	S	MW-36R@12-14'	1x4oz Jar	Cool	005	X	X									X
12/16/21	1335	S	MW-36R@16-18'	1x4oz Jar	Cool	006	X	X									X
12/16/21	1445	S	MW-35R@15-16'	1x4oz Jar	Cool	007	X	X									X
12/16/21	1450	S	MW-35R@17-18'	1x4oz Jar	Cool	008	X	X									X

Analysis Request

Remarks: Bill to Ensolum

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
12/17/21	805				12/17/21	805
12/17/21	1020		Chad Walt		12/17/21	1020
12/17/21	1824	Chad Walt				
				Courier	12/18/21	1000

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

December 30, 2021

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2112C66

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 10 sample(s) on 12/22/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

CLIENT: ENSOLUM
Project: Largo CS
Lab ID: 2112C66-001 **Matrix:** SOIL

Client Sample ID: SB-125 @ 15'-16'
Collection Date: 12/20/2021 9:25:00 AM
Received Date: 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	12/29/2021 3:03:31 AM	64763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	12/27/2021 5:24:12 PM	64710
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	12/27/2021 5:24:12 PM	64710
Surr: DNOP	100	70-130		%Rec	1	12/27/2021 5:24:12 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/24/2021 12:57:06 PM	64699
Surr: BFB	91.8	70-130		%Rec	1	12/24/2021 12:57:06 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	12/24/2021 12:57:06 PM	64699
Toluene	ND	0.047		mg/Kg	1	12/24/2021 12:57:06 PM	64699
Ethylbenzene	ND	0.047		mg/Kg	1	12/24/2021 12:57:06 PM	64699
Xylenes, Total	ND	0.095		mg/Kg	1	12/24/2021 12:57:06 PM	64699
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	12/24/2021 12:57:06 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-125 @ 17'-18'
Project: Largo CS
Collection Date: 12/20/2021 9:30:00 AM
Lab ID: 2112C66-002 **Matrix:** SOIL **Received Date:** 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	12/29/2021 3:15:55 AM	64763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	12/27/2021 5:34:48 PM	64710
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	12/27/2021 5:34:48 PM	64710
Surr: DNOP	100	70-130		%Rec	1	12/27/2021 5:34:48 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2021 2:07:38 PM	64699
Surr: BFB	94.8	70-130		%Rec	1	12/24/2021 2:07:38 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	12/24/2021 2:07:38 PM	64699
Toluene	ND	0.050		mg/Kg	1	12/24/2021 2:07:38 PM	64699
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2021 2:07:38 PM	64699
Xylenes, Total	ND	0.099		mg/Kg	1	12/24/2021 2:07:38 PM	64699
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	12/24/2021 2:07:38 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-33R @ 15'-16'
Project: Largo CS
Collection Date: 12/20/2021 11:00:00 AM
Lab ID: 2112C66-003 **Matrix:** SOIL **Received Date:** 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	59		mg/Kg	20	12/29/2021 3:28:20 AM	64763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	110	8.7		mg/Kg	1	12/27/2021 5:45:23 PM	64710
Motor Oil Range Organics (MRO)	93	44		mg/Kg	1	12/27/2021 5:45:23 PM	64710
Surr: DNOP	104	70-130		%Rec	1	12/27/2021 5:45:23 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	380	24		mg/Kg	5	12/24/2021 3:18:16 PM	64699
Surr: BFB	252	70-130	S	%Rec	5	12/24/2021 3:18:16 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	0.32	0.12		mg/Kg	5	12/24/2021 3:18:16 PM	64699
Toluene	ND	0.24		mg/Kg	5	12/24/2021 3:18:16 PM	64699
Ethylbenzene	1.5	0.24		mg/Kg	5	12/24/2021 3:18:16 PM	64699
Xylenes, Total	5.5	0.48		mg/Kg	5	12/24/2021 3:18:16 PM	64699
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	5	12/24/2021 3:18:16 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

CLIENT: ENSOLUM
Project: Largo CS
Lab ID: 2112C66-004 **Matrix:** SOIL

Client Sample ID: MW-33R @ 17'-18'
Collection Date: 12/20/2021 11:05:00 AM
Received Date: 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	12/29/2021 3:40:44 AM	64763
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	12/27/2021 5:55:57 PM	64710
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	12/27/2021 5:55:57 PM	64710
Surr: DNOP	101	70-130		%Rec	1	12/27/2021 5:55:57 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	12/24/2021 4:52:25 PM	64699
Surr: BFB	93.8	70-130		%Rec	1	12/24/2021 4:52:25 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	12/24/2021 4:52:25 PM	64699
Toluene	ND	0.046		mg/Kg	1	12/24/2021 4:52:25 PM	64699
Ethylbenzene	ND	0.046		mg/Kg	1	12/24/2021 4:52:25 PM	64699
Xylenes, Total	ND	0.092		mg/Kg	1	12/24/2021 4:52:25 PM	64699
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	12/24/2021 4:52:25 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Project: Largo CS
Lab ID: 2112C66-005 **Matrix:** SOIL

Client Sample ID: SB-124/ MW-124@15'-17'
Collection Date: 12/20/2021 1:05:00 PM
Received Date: 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	12/29/2021 1:18:53 PM	64786
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.2		mg/Kg	1	12/27/2021 6:06:29 PM	64710
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	12/27/2021 6:06:29 PM	64710
Surr: DNOP	103	70-130		%Rec	1	12/27/2021 6:06:29 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2021 5:15:57 PM	64699
Surr: BFB	93.7	70-130		%Rec	1	12/24/2021 5:15:57 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	12/24/2021 5:15:57 PM	64699
Toluene	ND	0.050		mg/Kg	1	12/24/2021 5:15:57 PM	64699
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2021 5:15:57 PM	64699
Xylenes, Total	ND	0.10		mg/Kg	1	12/24/2021 5:15:57 PM	64699
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	12/24/2021 5:15:57 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-124/ MW-124@ 19'-20'
Project: Largo CS
Collection Date: 12/20/2021 1:10:00 PM
Lab ID: 2112C66-006 **Matrix:** SOIL **Received Date:** 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	12/29/2021 2:20:56 PM	64786
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	7.6		mg/Kg	1	12/27/2021 6:17:01 PM	64710
Motor Oil Range Organics (MRO)	ND	38		mg/Kg	1	12/27/2021 6:17:01 PM	64710
Surr: DNOP	101	70-130		%Rec	1	12/27/2021 6:17:01 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/24/2021 5:39:28 PM	64699
Surr: BFB	94.0	70-130		%Rec	1	12/24/2021 5:39:28 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	12/24/2021 5:39:28 PM	64699
Toluene	ND	0.047		mg/Kg	1	12/24/2021 5:39:28 PM	64699
Ethylbenzene	ND	0.047		mg/Kg	1	12/24/2021 5:39:28 PM	64699
Xylenes, Total	ND	0.095		mg/Kg	1	12/24/2021 5:39:28 PM	64699
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/24/2021 5:39:28 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-48R@ 14'-15'
Project: Largo CS
Collection Date: 12/20/2021 2:20:00 PM
Lab ID: 2112C66-007 **Matrix:** SOIL **Received Date:** 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	12/29/2021 2:33:21 PM	64786
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	12/27/2021 6:27:33 PM	64710
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	12/27/2021 6:27:33 PM	64710
Surr: DNOP	102	70-130		%Rec	1	12/27/2021 6:27:33 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/24/2021 6:02:59 PM	64699
Surr: BFB	92.0	70-130		%Rec	1	12/24/2021 6:02:59 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	12/24/2021 6:02:59 PM	64699
Toluene	ND	0.048		mg/Kg	1	12/24/2021 6:02:59 PM	64699
Ethylbenzene	ND	0.048		mg/Kg	1	12/24/2021 6:02:59 PM	64699
Xylenes, Total	ND	0.097		mg/Kg	1	12/24/2021 6:02:59 PM	64699
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	12/24/2021 6:02:59 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-122/MW-122@12'-14'
Project: Largo CS
Collection Date: 12/21/2021 9:40:00 AM
Lab ID: 2112C66-008 **Matrix:** SOIL **Received Date:** 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	12/29/2021 2:45:46 PM	64786
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/27/2021 6:38:04 PM	64710
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/27/2021 6:38:04 PM	64710
Surr: DNOP	108	70-130		%Rec	1	12/27/2021 6:38:04 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/24/2021 6:26:31 PM	64699
Surr: BFB	91.6	70-130		%Rec	1	12/24/2021 6:26:31 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	12/24/2021 6:26:31 PM	64699
Toluene	ND	0.048		mg/Kg	1	12/24/2021 6:26:31 PM	64699
Ethylbenzene	ND	0.048		mg/Kg	1	12/24/2021 6:26:31 PM	64699
Xylenes, Total	ND	0.095		mg/Kg	1	12/24/2021 6:26:31 PM	64699
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	12/24/2021 6:26:31 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-122/MW-122@ 15'-17'
Project: Largo CS
Collection Date: 12/21/2021 10:00:00 AM
Lab ID: 2112C66-009 **Matrix:** SOIL **Received Date:** 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	59		mg/Kg	20	12/29/2021 2:58:11 PM	64786
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	12/27/2021 6:48:33 PM	64710
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/27/2021 6:48:33 PM	64710
Surr: DNOP	101	70-130		%Rec	1	12/27/2021 6:48:33 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/24/2021 6:50:03 PM	64699
Surr: BFB	99.1	70-130		%Rec	1	12/24/2021 6:50:03 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	12/24/2021 6:50:03 PM	64699
Toluene	ND	0.047		mg/Kg	1	12/24/2021 6:50:03 PM	64699
Ethylbenzene	ND	0.047		mg/Kg	1	12/24/2021 6:50:03 PM	64699
Xylenes, Total	ND	0.094		mg/Kg	1	12/24/2021 6:50:03 PM	64699
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	12/24/2021 6:50:03 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2112C66**
Date Reported: **12/30/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: SB-122/MW-122@ 17'-18'
Project: Largo CS
Collection Date: 12/21/2021 10:05:00 AM
Lab ID: 2112C66-010 **Matrix:** SOIL **Received Date:** 12/22/2021 7:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **LRN**	
Chloride	ND	60		mg/Kg	20	12/29/2021 3:10:36 PM	64786
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	12/27/2021 6:59:02 PM	64710
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	12/27/2021 6:59:02 PM	64710
Surr: DNOP	99.3	70-130		%Rec	1	12/27/2021 6:59:02 PM	64710
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/24/2021 7:13:32 PM	64699
Surr: BFB	92.5	70-130		%Rec	1	12/24/2021 7:13:32 PM	64699
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	12/24/2021 7:13:32 PM	64699
Toluene	ND	0.050		mg/Kg	1	12/24/2021 7:13:32 PM	64699
Ethylbenzene	ND	0.050		mg/Kg	1	12/24/2021 7:13:32 PM	64699
Xylenes, Total	ND	0.10		mg/Kg	1	12/24/2021 7:13:32 PM	64699
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	12/24/2021 7:13:32 PM	64699

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C66**

30-Dec-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **MB-64763**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **64763**	RunNo: **84830**							
Prep Date: **12/28/2021**	Analysis Date: **12/28/2021**	SeqNo: **2983796**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-64763**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **64763**	RunNo: **84830**							
Prep Date: **12/28/2021**	Analysis Date: **12/28/2021**	SeqNo: **2983797**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.7	90	110			

Sample ID: **MB-64786**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **64786**	RunNo: **84845**							
Prep Date: **12/29/2021**	Analysis Date: **12/29/2021**	SeqNo: **2985275**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-64786**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **64786**	RunNo: **84845**							
Prep Date: **12/29/2021**	Analysis Date: **12/29/2021**	SeqNo: **2985276**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C66**
30-Dec-21

Client: ENSOLUM
Project: Largo CS

Sample ID: **LCS-64710** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **64710** RunNo: **84779**
Prep Date: **12/23/2021** Analysis Date: **12/27/2021** SeqNo: **2982377** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.8	68.9	135			
Surr: DNOP	4.5		5.000		90.5	70	130			

Sample ID: **MB-64710** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **64710** RunNo: **84779**
Prep Date: **12/23/2021** Analysis Date: **12/27/2021** SeqNo: **2982380** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	70	130			

Sample ID: **LCS-64735** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **64735** RunNo: **84808**
Prep Date: **12/27/2021** Analysis Date: **12/28/2021** SeqNo: **2983329** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.8		5.000		117	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C66**

30-Dec-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **lcs-64699**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **64699**	RunNo: **84776**
Prep Date: **12/22/2021**	Analysis Date: **12/24/2021**	SeqNo: **2981532** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.7	78.6	131			
Surr: BFB	1000		1000		103	70	130			

Sample ID: **mb-64699**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **64699**	RunNo: **84776**
Prep Date: **12/22/2021**	Analysis Date: **12/24/2021**	SeqNo: **2981534** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		98.3	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2112C66**

30-Dec-21

Client: ENSOLUM

Project: Largo CS

Sample ID: **LCS-64699** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **64699** RunNo: **84776**

Prep Date: **12/22/2021** Analysis Date: **12/24/2021** SeqNo: **2981611** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.8	80	120			
Toluene	0.97	0.050	1.000	0	97.3	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: **mb-64699** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **64699** RunNo: **84776**

Prep Date: **12/22/2021** Analysis Date: **12/24/2021** SeqNo: **2981613** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM Work Order Number: 2112C66 RcptNo: 1

Received By: Tracy Casarrubias 12/22/2021 7:27:00 AM

Completed By: Tracy Casarrubias 12/22/2021 7:59:55 AM

Reviewed By: KPG 12/22/21

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☐	No ☑	NA ☐
5. Sample(s) in proper container(s)?	Not required Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: JN 12/22/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-1.4	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 6060 S. Rio Grande Suite A

Aztec, NM 87410

Phone #:

email or Fax#: ksummers@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☑ Rush 5day

Project Name: Largo CS

Project #: 05A1226001

Project Manager: ksummers

Sampler: R Beechilly

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): -1.4 -0 = -1.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2112C66	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides
12/20/21	925	S	SB-125 @ 15'-16'	1x4oz Jar	Cool	001	X	X									X
12/20/21	930	S	SB-125 @ 17'-18'	1x4oz Jar	Cool	002	X	X									X
12/20/21	1100	S	MW-33R @ 15'-16'	1x4oz Jar	Cool	003	X	X									X
12/20/21	1105	S	MW-33R @ 17'-18'	1x4oz Jar	Cool	004	X	X									X
12/20/21	1305	S	SB-124/MW-124 @ 15'-17'	1x4oz Jar	Cool	005	X	X									X
12/20/21	1310	S	SB-124/MW-124 @ 19'-20'	1x4oz Jar	Cool	006	X	X									X
12/20/21	1420	S	MW-48R @ 14'-15'	1x4oz Jar	Cool	007	X	X									X
12/21/21	940	S	~~MW~~ SB-122/MW-122 @ 12'-14'	1x4oz Jar	Cool	008	X	X									X
12/21/21	1000	S	SB-122/MW-122 @ 15'-17'	1x4oz Jar	Cool	009	X	X									X
12/21/21	1005	S	SB-122/MW-122 @ 17'-18'	1x4oz Jar	Cool	010	X	X									X

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
12/21/21	1709				12/21/21	1709
12/21/21	1818			Carrier	12/22/21	7:27

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

February 23, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2202852

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 2/17/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-37R
Project: Largo CS
Collection Date: 2/15/2022 11:40:00 AM
Lab ID: 2202852-001 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	2/19/2022 2:46:54 AM	F85930
Toluene	ND	1.0		µg/L	1	2/19/2022 2:46:54 AM	F85930
Ethylbenzene	ND	1.0		µg/L	1	2/19/2022 2:46:54 AM	F85930
Xylenes, Total	ND	1.5		µg/L	1	2/19/2022 2:46:54 AM	F85930
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	2/19/2022 2:46:54 AM	F85930
Surr: Dibromofluoromethane	107	70-130		%Rec	1	2/19/2022 2:46:54 AM	F85930
Surr: Toluene-d8	101	70-130		%Rec	1	2/19/2022 2:46:54 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-123
Project: Largo CS
Collection Date: 2/15/2022 12:05:00 PM
Lab ID: 2202852-002 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	2/19/2022 3:13:34 AM	F85930
Toluene	ND	1.0		µg/L	1	2/19/2022 3:13:34 AM	F85930
Ethylbenzene	ND	1.0		µg/L	1	2/19/2022 3:13:34 AM	F85930
Xylenes, Total	ND	1.5		µg/L	1	2/19/2022 3:13:34 AM	F85930
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	2/19/2022 3:13:34 AM	F85930
Surr: Dibromofluoromethane	109	70-130		%Rec	1	2/19/2022 3:13:34 AM	F85930
Surr: Toluene-d8	101	70-130		%Rec	1	2/19/2022 3:13:34 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-124
Project: Largo CS
Collection Date: 2/15/2022 12:40:00 PM
Lab ID: 2202852-003 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	2/19/2022 3:40:15 AM	F85930
Toluene	ND	1.0		µg/L	1	2/19/2022 3:40:15 AM	F85930
Ethylbenzene	ND	1.0		µg/L	1	2/19/2022 3:40:15 AM	F85930
Xylenes, Total	ND	1.5		µg/L	1	2/19/2022 3:40:15 AM	F85930
Surr: 1,2-Dichloroethane-d4	98.3	70-130		%Rec	1	2/19/2022 3:40:15 AM	F85930
Surr: Dibromofluoromethane	102	70-130		%Rec	1	2/19/2022 3:40:15 AM	F85930
Surr: Toluene-d8	98.5	70-130		%Rec	1	2/19/2022 3:40:15 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-36R
Project: Largo CS
Collection Date: 2/15/2022 1:15:00 PM
Lab ID: 2202852-004 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	2/19/2022 4:06:53 AM	F85930
Toluene	ND	1.0		µg/L	1	2/19/2022 4:06:53 AM	F85930
Ethylbenzene	ND	1.0		µg/L	1	2/19/2022 4:06:53 AM	F85930
Xylenes, Total	ND	1.5		µg/L	1	2/19/2022 4:06:53 AM	F85930
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	2/19/2022 4:06:53 AM	F85930
Surr: Dibromofluoromethane	109	70-130		%Rec	1	2/19/2022 4:06:53 AM	F85930
Surr: Toluene-d8	99.8	70-130		%Rec	1	2/19/2022 4:06:53 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-122
Project: Largo CS **Collection Date:** 2/15/2022 1:50:00 PM
Lab ID: 2202852-005 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	ND	1.0		µg/L	1	2/19/2022 4:33:30 AM	F85930
Toluene	ND	1.0		µg/L	1	2/19/2022 4:33:30 AM	F85930
Ethylbenzene	ND	1.0		µg/L	1	2/19/2022 4:33:30 AM	F85930
Xylenes, Total	ND	1.5		µg/L	1	2/19/2022 4:33:30 AM	F85930
Surr: 1,2-Dichloroethane-d4	97.8	70-130		%Rec	1	2/19/2022 4:33:30 AM	F85930
Surr: Dibromofluoromethane	109	70-130		%Rec	1	2/19/2022 4:33:30 AM	F85930
Surr: Toluene-d8	99.9	70-130		%Rec	1	2/19/2022 4:33:30 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-48R
Project: Largo CS
Collection Date: 2/15/2022 2:50:00 PM
Lab ID: 2202852-006 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	32	1.0		µg/L	1	2/19/2022 5:00:09 AM	F85930
Toluene	130	5.0		µg/L	5	2/21/2022 11:42:11 AM	A85957
Ethylbenzene	16	1.0		µg/L	1	2/19/2022 5:00:09 AM	F85930
Xylenes, Total	200	1.5		µg/L	1	2/19/2022 5:00:09 AM	F85930
Surr: 1,2-Dichloroethane-d4	90.6	70-130		%Rec	1	2/19/2022 5:00:09 AM	F85930
Surr: Dibromofluoromethane	95.5	70-130		%Rec	1	2/19/2022 5:00:09 AM	F85930
Surr: Toluene-d8	103	70-130		%Rec	1	2/19/2022 5:00:09 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-35R
Project: Largo CS
Collection Date: 2/15/2022 3:55:00 PM
Lab ID: 2202852-007 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	47	1.0		µg/L	1	2/19/2022 5:26:48 AM	F85930
Toluene	ND	1.0		µg/L	1	2/19/2022 5:26:48 AM	F85930
Ethylbenzene	31	1.0		µg/L	1	2/19/2022 5:26:48 AM	F85930
Xylenes, Total	ND	1.5		µg/L	1	2/19/2022 5:26:48 AM	F85930
Surr: 1,2-Dichloroethane-d4	91.6	70-130		%Rec	1	2/19/2022 5:26:48 AM	F85930
Surr: Dibromofluoromethane	89.7	70-130		%Rec	1	2/19/2022 5:26:48 AM	F85930
Surr: Toluene-d8	107	70-130		%Rec	1	2/19/2022 5:26:48 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202852**
Date Reported: **2/23/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-33R
Project: Largo CS
Collection Date: 2/15/2022 4:20:00 PM
Lab ID: 2202852-008 **Matrix:** AQUEOUS **Received Date:** 2/17/2022 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **BRM**	
Benzene	250	10		µg/L	10	2/21/2022 12:09:17 PM	A85957
Toluene	ND	1.0		µg/L	1	2/19/2022 5:53:28 AM	F85930
Ethylbenzene	99	1.0		µg/L	1	2/19/2022 5:53:28 AM	F85930
Xylenes, Total	380	15		µg/L	10	2/21/2022 12:09:17 PM	A85957
Surr: 1,2-Dichloroethane-d4	83.8	70-130		%Rec	1	2/19/2022 5:53:28 AM	F85930
Surr: Dibromofluoromethane	81.5	70-130		%Rec	1	2/19/2022 5:53:28 AM	F85930
Surr: Toluene-d8	102	70-130		%Rec	1	2/19/2022 5:53:28 AM	F85930

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2202852**

23-Feb-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb2** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **F85930** RunNo: **85930**

Prep Date: Analysis Date: **2/18/2022** SeqNo: **3027014** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		94.0	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	9.8		10.00		98.4	70	130			

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **LCSW** Batch ID: **A85957** RunNo: **85957**

Prep Date: Analysis Date: **2/21/2022** SeqNo: **3028427** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	70	130			
Toluene	21	1.0	20.00	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.6	70	130			
Surr: 4-Bromofluorobenzene	9.3		10.00		93.1	70	130			
Surr: Dibromofluoromethane	9.0		10.00		90.0	70	130			
Surr: Toluene-d8	9.4		10.00		94.0	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **A85957** RunNo: **85957**

Prep Date: Analysis Date: **2/21/2022** SeqNo: **3028428** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.1		10.00		91.3	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		94.0	70	130			
Surr: Dibromofluoromethane	9.4		10.00		94.1	70	130			
Surr: Toluene-d8	9.4		10.00		94.2	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: **2202852** RcptNo: **1**

Received By: **Desiree Dominguez** **2/17/2022 8:15:00 AM** DD

Completed By: **Desiree Dominguez** **2/17/2022 8:59:33 AM** DD

Reviewed By: JR 2-17-22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: CM 2/17/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.1	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: Ksummers@ensolum.com

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

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

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

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

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2202852	BTEX / ~~MTBE / TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Analysis Request
2/15/22	11:40	W	MW-37R	3x40mL VOA	$HgCl_2$	-001	X										
2/15/22	12:05	W	MW-123	3x40mL VOA	$HgCl_2$	-002	X										
2/15/22	12:40	W	MW-124	3x40mL VOA	$HgCl_2$	-003	X										
2/15/22	13:15	W	MW-36R	3x40mL VOA	$HgCl_2$	-004	X										
2/15/22	13:50	W	MW-122	3x40mL VOA	$HgCl_2$	-005	X										
2/15/22	14:50	W	MW-48R	3x40mL VOA	$HgCl_2$	-006	X										
2/15/22	15:55	W	MW-35R	3x40mL VOA	$HgCl_2$	-007	X										
2/15/22	16:20	W	MW-33R	3x40mL VOA	$HgCl_2$	-008	X										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
2/16/22	836				2/16/22	836
2/16/22	1803	Christian Waelen		courier	2/17/22	8:15

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 29, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2204A90

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/26/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2204A90**
Date Reported: **4/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-89
Project: Largo CS
Collection Date: 4/25/2022 1:45:00 PM
Lab ID: 2204A90-001 **Matrix:** AQUEOUS **Received Date:** 4/26/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/26/2022 5:16:00 PM	SL87494
Toluene	ND	1.0		µg/L	1	4/26/2022 5:16:00 PM	SL87494
Ethylbenzene	ND	1.0		µg/L	1	4/26/2022 5:16:00 PM	SL87494
Xylenes, Total	ND	1.5		µg/L	1	4/26/2022 5:16:00 PM	SL87494
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	4/26/2022 5:16:00 PM	SL87494
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	4/26/2022 5:16:00 PM	SL87494
Surr: Dibromofluoromethane	111	70-130		%Rec	1	4/26/2022 5:16:00 PM	SL87494
Surr: Toluene-d8	90.8	70-130		%Rec	1	4/26/2022 5:16:00 PM	SL87494

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204A90**
Date Reported: **4/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-15
Project: Largo CS
Collection Date: 4/25/2022 2:20:00 PM
Lab ID: 2204A90-002 **Matrix:** AQUEOUS **Received Date:** 4/26/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/26/2022 5:39:00 PM	SL87494
Toluene	ND	1.0		µg/L	1	4/26/2022 5:39:00 PM	SL87494
Ethylbenzene	ND	1.0		µg/L	1	4/26/2022 5:39:00 PM	SL87494
Xylenes, Total	ND	1.5		µg/L	1	4/26/2022 5:39:00 PM	SL87494
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	4/26/2022 5:39:00 PM	SL87494
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	4/26/2022 5:39:00 PM	SL87494
Surr: Dibromofluoromethane	112	70-130		%Rec	1	4/26/2022 5:39:00 PM	SL87494
Surr: Toluene-d8	94.4	70-130		%Rec	1	4/26/2022 5:39:00 PM	SL87494

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204A90**
Date Reported: **4/29/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-14
Project: Largo CS
Collection Date: 4/25/2022 2:50:00 PM
Lab ID: 2204A90-003 **Matrix:** AQUEOUS **Received Date:** 4/26/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/26/2022 6:02:00 PM	SL87494
Toluene	ND	1.0		µg/L	1	4/26/2022 6:02:00 PM	SL87494
Ethylbenzene	ND	1.0		µg/L	1	4/26/2022 6:02:00 PM	SL87494
Xylenes, Total	ND	1.5		µg/L	1	4/26/2022 6:02:00 PM	SL87494
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	4/26/2022 6:02:00 PM	SL87494
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	4/26/2022 6:02:00 PM	SL87494
Surr: Dibromofluoromethane	111	70-130		%Rec	1	4/26/2022 6:02:00 PM	SL87494
Surr: Toluene-d8	91.2	70-130		%Rec	1	4/26/2022 6:02:00 PM	SL87494

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204A90**

29-Apr-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **SL87494**	RunNo: **87494**
Prep Date:	Analysis Date: **4/26/2022**	SeqNo: **3097815** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	70	130			
Toluene	20	1.0	20.00	0	99.1	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.2	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.5	70	130			
Surr: Dibromofluoromethane	10		10.00		99.9	70	130			
Surr: Toluene-d8	9.3		10.00		93.4	70	130			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **SL87494**	RunNo: **87494**
Prep Date:	Analysis Date: **4/26/2022**	SeqNo: **3097840** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.8		10.00		97.5	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.1	70	130			
Surr: Dibromofluoromethane	11		10.00		105	70	130			
Surr: Toluene-d8	9.3		10.00		92.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2204A90 | RcptNo: 1

Received By: **Juan Rojas** 4/26/2022 7:25:00 AM

Completed By: **Sean Livingston** 4/26/2022 9:54:54 AM

Reviewed By: KPG 4/26/22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JA 4/26/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good				

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A122600l

Project Manager: K. Summers

Sampler: L. Daniel

On Ice: ~~☐~~ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 2.4-0=2.4 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204A90	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/25/22	13:45	W	MW-89	3x40mL HCl	H_2Cl_2	001	X									
4/25/22	14:20	W	MW-15	↓	↓	002	X									
4/25/22	14:50	W	MW-14	↓	↓	003	X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
4/25/22	1602				4/25/22	1602
4/25/22	1810	Austin Waters		courier	4/26/22	7:25

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 02, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2204B37

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 4/27/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-88
Project: Largo CS
Collection Date: 4/26/2022 10:45:00 AM
Lab ID: 2204B37-001 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 6:25:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 6:25:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 6:25:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 6:25:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	93.1	70-130		%Rec	1	4/27/2022 6:25:00 PM	SL87552
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	4/27/2022 6:25:00 PM	SL87552
Surr: Dibromofluoromethane	98.2	70-130		%Rec	1	4/27/2022 6:25:00 PM	SL87552
Surr: Toluene-d8	95.7	70-130		%Rec	1	4/27/2022 6:25:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-90
Project: Largo CS
Collection Date: 4/26/2022 11:00:00 AM
Lab ID: 2204B37-002 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 7:34:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 7:34:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 7:34:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 7:34:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	97.5	70-130		%Rec	1	4/27/2022 7:34:00 PM	SL87552
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	4/27/2022 7:34:00 PM	SL87552
Surr: Dibromofluoromethane	104	70-130		%Rec	1	4/27/2022 7:34:00 PM	SL87552
Surr: Toluene-d8	91.0	70-130		%Rec	1	4/27/2022 7:34:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-13
Project: Largo CS **Collection Date:** 4/26/2022 11:55:00 AM
Lab ID: 2204B37-003 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 7:57:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 7:57:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 7:57:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 7:57:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	97.0	70-130		%Rec	1	4/27/2022 7:57:00 PM	SL87552
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	4/27/2022 7:57:00 PM	SL87552
Surr: Dibromofluoromethane	101	70-130		%Rec	1	4/27/2022 7:57:00 PM	SL87552
Surr: Toluene-d8	90.9	70-130		%Rec	1	4/27/2022 7:57:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-6
Project: Largo CS
Collection Date: 4/26/2022 12:30:00 PM
Lab ID: 2204B37-004 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 8:20:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 8:20:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 8:20:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 8:20:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	98.7	70-130		%Rec	1	4/27/2022 8:20:00 PM	SL87552
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	4/27/2022 8:20:00 PM	SL87552
Surr: Dibromofluoromethane	102	70-130		%Rec	1	4/27/2022 8:20:00 PM	SL87552
Surr: Toluene-d8	90.5	70-130		%Rec	1	4/27/2022 8:20:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-7
Project: Largo CS
Collection Date: 4/26/2022 1:05:00 PM
Lab ID: 2204B37-005 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 8:43:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 8:43:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 8:43:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 8:43:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	97.5	70-130		%Rec	1	4/27/2022 8:43:00 PM	SL87552
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	4/27/2022 8:43:00 PM	SL87552
Surr: Dibromofluoromethane	100	70-130		%Rec	1	4/27/2022 8:43:00 PM	SL87552
Surr: Toluene-d8	91.2	70-130		%Rec	1	4/27/2022 8:43:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-16
Project: Largo CS
Collection Date: 4/26/2022 1:40:00 PM
Lab ID: 2204B37-006 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 9:06:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 9:06:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 9:06:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 9:06:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	98.5	70-130		%Rec	1	4/27/2022 9:06:00 PM	SL87552
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	4/27/2022 9:06:00 PM	SL87552
Surr: Dibromofluoromethane	104	70-130		%Rec	1	4/27/2022 9:06:00 PM	SL87552
Surr: Toluene-d8	89.8	70-130		%Rec	1	4/27/2022 9:06:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-3R
Project: Largo CS
Collection Date: 4/26/2022 2:20:00 PM
Lab ID: 2204B37-007 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 9:29:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 9:29:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 9:29:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 9:29:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	97.4	70-130		%Rec	1	4/27/2022 9:29:00 PM	SL87552
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	4/27/2022 9:29:00 PM	SL87552
Surr: Dibromofluoromethane	104	70-130		%Rec	1	4/27/2022 9:29:00 PM	SL87552
Surr: Toluene-d8	90.4	70-130		%Rec	1	4/27/2022 9:29:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204B37**
Date Reported: **5/2/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-8
Project: Largo CS
Collection Date: 4/26/2022 2:45:00 PM
Lab ID: 2204B37-008 **Matrix:** AQUEOUS **Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	4/27/2022 9:52:00 PM	SL87552
Toluene	ND	1.0		µg/L	1	4/27/2022 9:52:00 PM	SL87552
Ethylbenzene	ND	1.0		µg/L	1	4/27/2022 9:52:00 PM	SL87552
Xylenes, Total	ND	1.5		µg/L	1	4/27/2022 9:52:00 PM	SL87552
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	4/27/2022 9:52:00 PM	SL87552
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	4/27/2022 9:52:00 PM	SL87552
Surr: Dibromofluoromethane	101	70-130		%Rec	1	4/27/2022 9:52:00 PM	SL87552
Surr: Toluene-d8	89.9	70-130		%Rec	1	4/27/2022 9:52:00 PM	SL87552

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2204B37**

02-May-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **SL87552**	RunNo: **87552**
Prep Date:	Analysis Date: **4/27/2022**	SeqNo: **3098470** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	108	70	130			
Toluene	20	1.0	20.00	0	98.5	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.6	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.8	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.1		10.00		91.2	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **SL87552**	RunNo: **87552**
Prep Date:	Analysis Date: **4/27/2022**	SeqNo: **3098471** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.0	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.4	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.2		10.00		92.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: **2204B37** RcptNo: 1

Received By: **Tracy Casarrubias** **4/27/2022 7:10:00 AM**

Completed By: **Desiree Dominguez** **4/27/2022 8:10:14 AM** DD

Reviewed By: JN 4/27/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☑ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: DAD 4/27/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.9	Good				

Released to Imaging: 4/22/2024 3:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.8+0.1= 0.9 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204B37
4/26/22	10:45	W	MW-88	3x 40mL VOA	HCl	-001
4/26/22	11:00	W	MW-90			-002
4/26/22	11:55	W	MW-13			-003
4/26/22	12:30	W	MW-6			-004
4/26/22	13:05	W	MW-7			-005
4/26/22	13:40	W	MW-16			-006
4/26/22	14:20	W	MW-3R			-007
4/26/22	14:45	W	MW-8			-008

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
X									
X									
X									
X									
X									
X									
X									
X									

Date	Time	Relinquished by:
4/26/22	1632	
4/26/22	1803	

Received by:	Via:	Date	Time
		4/26/22	1632
		4/27/22	7:10

Remarks:

Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 05, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX (214) 350-2914

RE: Largo CS OrderNo.: 2204C01

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/28/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-9
Project: Largo CS
Collection Date: 4/27/2022 9:10:00 AM
Lab ID: 2204C01-001 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/3/2022 11:06:00 PM	B87680
Toluene	ND	1.0		µg/L	1	5/3/2022 11:06:00 PM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/3/2022 11:06:00 PM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/3/2022 11:06:00 PM	B87680
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	5/3/2022 11:06:00 PM	B87680
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	5/3/2022 11:06:00 PM	B87680
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/3/2022 11:06:00 PM	B87680
Surr: Toluene-d8	96.5	70-130		%Rec	1	5/3/2022 11:06:00 PM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-53
Project: Largo CS
Collection Date: 4/27/2022 10:00:00 AM
Lab ID: 2204C01-002 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 12:15:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 12:15:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 12:15:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 12:15:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	5/4/2022 12:15:00 AM	B87680
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	5/4/2022 12:15:00 AM	B87680
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/4/2022 12:15:00 AM	B87680
Surr: Toluene-d8	96.1	70-130		%Rec	1	5/4/2022 12:15:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-49
Project: Largo CS
Collection Date: 4/27/2022 10:50:00 AM
Lab ID: 2204C01-003 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 12:37:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 12:37:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 12:37:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 12:37:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	5/4/2022 12:37:00 AM	B87680
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	5/4/2022 12:37:00 AM	B87680
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/4/2022 12:37:00 AM	B87680
Surr: Toluene-d8	96.7	70-130		%Rec	1	5/4/2022 12:37:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-54
Project: Largo CS
Collection Date: 4/27/2022 11:45:00 AM
Lab ID: 2204C01-004 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 1:00:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 1:00:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 1:00:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 1:00:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	5/4/2022 1:00:00 AM	B87680
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	5/4/2022 1:00:00 AM	B87680
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/4/2022 1:00:00 AM	B87680
Surr: Toluene-d8	95.9	70-130		%Rec	1	5/4/2022 1:00:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-40R
Project: Largo CS
Collection Date: 4/27/2022 12:25:00 PM
Lab ID: 2204C01-005 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 1:23:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 1:23:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 1:23:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 1:23:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/4/2022 1:23:00 AM	B87680
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	5/4/2022 1:23:00 AM	B87680
Surr: Dibromofluoromethane	105	70-130		%Rec	1	5/4/2022 1:23:00 AM	B87680
Surr: Toluene-d8	97.4	70-130		%Rec	1	5/4/2022 1:23:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-50
Project: Largo CS
Collection Date: 4/27/2022 1:00:00 PM
Lab ID: 2204C01-006 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 1:46:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 1:46:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 1:46:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 1:46:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/4/2022 1:46:00 AM	B87680
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	5/4/2022 1:46:00 AM	B87680
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/4/2022 1:46:00 AM	B87680
Surr: Toluene-d8	95.1	70-130		%Rec	1	5/4/2022 1:46:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-39
Project: Largo CS
Collection Date: 4/27/2022 1:40:00 PM
Lab ID: 2204C01-007 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 2:09:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 2:09:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 2:09:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 2:09:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	5/4/2022 2:09:00 AM	B87680
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	5/4/2022 2:09:00 AM	B87680
Surr: Dibromofluoromethane	100	70-130		%Rec	1	5/4/2022 2:09:00 AM	B87680
Surr: Toluene-d8	95.7	70-130		%Rec	1	5/4/2022 2:09:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-51
Project: Largo CS
Collection Date: 4/27/2022 2:10:00 PM
Lab ID: 2204C01-008 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 2:32:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 2:32:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 2:32:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 2:32:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/4/2022 2:32:00 AM	B87680
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	5/4/2022 2:32:00 AM	B87680
Surr: Dibromofluoromethane	104	70-130		%Rec	1	5/4/2022 2:32:00 AM	B87680
Surr: Toluene-d8	96.4	70-130		%Rec	1	5/4/2022 2:32:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-75
Project: Largo CS
Collection Date: 4/27/2022 2:45:00 PM
Lab ID: 2204C01-009 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 2:55:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 2:55:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 2:55:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 2:55:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	5/4/2022 2:55:00 AM	B87680
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	5/4/2022 2:55:00 AM	B87680
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/4/2022 2:55:00 AM	B87680
Surr: Toluene-d8	96.5	70-130		%Rec	1	5/4/2022 2:55:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204C01**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-41
Project: Largo CS
Collection Date: 4/27/2022 3:00:00 PM
Lab ID: 2204C01-010 **Matrix:** AQUEOUS **Received Date:** 4/28/2022 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 3:18:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 3:18:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 3:18:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 3:18:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	5/4/2022 3:18:00 AM	B87680
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	5/4/2022 3:18:00 AM	B87680
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/4/2022 3:18:00 AM	B87680
Surr: Toluene-d8	96.6	70-130		%Rec	1	5/4/2022 3:18:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2204C01**
05-May-22

Client: ENSOLUM
Project: Largo CS

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **R87680** RunNo: **87680**
Prep Date: Analysis Date: **5/3/2022** SeqNo: **3105724** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.5	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.4	70	130			
Surr: Dibromofluoromethane	9.9		10.00		99.3	70	130			
Surr: Toluene-d8	9.5		10.00		95.1	70	130			

Sample ID: **mb2** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW** Batch ID: **B87680** RunNo: **87680**
Prep Date: Analysis Date: **5/3/2022** SeqNo: **3105752** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.2	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.8		10.00		97.7	70	130			

Sample ID: **100ng lcs2** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **B87680** RunNo: **87680**
Prep Date: Analysis Date: **5/3/2022** SeqNo: **3105753** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	95.6	70	130			
Toluene	20	1.0	20.00	0	99.2	70	130			
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.8		10.00		98.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2204C01 | RcptNo: 1

Received By: **Juan Rojas** 4/28/2022 7:15:00 AM

Completed By: **Tracy Casarrubias** 4/28/2022 8:19:53 AM

Reviewed By: JR 4/28/22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: KPG 4-28-22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.9	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: kSummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

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

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204C01	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/27/22	9:10	W	MW-9	3x40mlVOA	HCl	001	X									
4/27/22	~~9:50~~ 10:00	W	MW-53			002	X									
4/27/22	10:50	W	MW-49			003	X									
4/27/22	11:45	W	MW-54			004	X									
4/27/22	12:35	W	MW-40R			005	X									
4/27/22	13:00	W	MW-50			006	X									
4/27/22	13:40	W	MW-39			007	X									
4/27/22	14:10	W	MW-51			008	X									
4/27/22	14:45	W	MW-75			009	X									
4/27/22	15:00	W	MW-41	↓	↓	010										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/27/22	1622					
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/27/22	1748			Courier	4/28/22	7:15

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 05, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX (214) 350-2914

RE: Largo CS OrderNo.: 2204D05

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/29/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-43
Project: Largo CS
Collection Date: 4/28/2022 9:00:00 AM
Lab ID: 2204D05-001 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 3:41:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 3:41:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 3:41:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 3:41:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/4/2022 3:41:00 AM	B87680
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	5/4/2022 3:41:00 AM	B87680
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/4/2022 3:41:00 AM	B87680
Surr: Toluene-d8	96.3	70-130		%Rec	1	5/4/2022 3:41:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-38
Project: Largo CS
Collection Date: 4/28/2022 9:35:00 AM
Lab ID: 2204D05-002 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 4:04:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 4:04:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 4:04:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 4:04:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	5/4/2022 4:04:00 AM	B87680
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	5/4/2022 4:04:00 AM	B87680
Surr: Dibromofluoromethane	105	70-130		%Rec	1	5/4/2022 4:04:00 AM	B87680
Surr: Toluene-d8	95.9	70-130		%Rec	1	5/4/2022 4:04:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-34
Project: Largo CS
Collection Date: 4/28/2022 10:10:00 AM
Lab ID: 2204D05-003 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 4:27:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 4:27:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 4:27:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 4:27:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	5/4/2022 4:27:00 AM	B87680
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	5/4/2022 4:27:00 AM	B87680
Surr: Dibromofluoromethane	106	70-130		%Rec	1	5/4/2022 4:27:00 AM	B87680
Surr: Toluene-d8	95.7	70-130		%Rec	1	5/4/2022 4:27:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-83
Project: Largo CS
Collection Date: 4/28/2022 10:55:00 AM
Lab ID: 2204D05-004 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 4:50:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 4:50:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 4:50:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 4:50:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	5/4/2022 4:50:00 AM	B87680
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	5/4/2022 4:50:00 AM	B87680
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/4/2022 4:50:00 AM	B87680
Surr: Toluene-d8	96.9	70-130		%Rec	1	5/4/2022 4:50:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-80
Project: Largo CS
Collection Date: 4/28/2022 11:30:00 AM
Lab ID: 2204D05-005 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 5:13:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 5:13:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 5:13:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 5:13:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	5/4/2022 5:13:00 AM	B87680
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	5/4/2022 5:13:00 AM	B87680
Surr: Dibromofluoromethane	105	70-130		%Rec	1	5/4/2022 5:13:00 AM	B87680
Surr: Toluene-d8	95.3	70-130		%Rec	1	5/4/2022 5:13:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-76
Project: Largo CS
Collection Date: 4/28/2022 12:05:00 PM
Lab ID: 2204D05-006 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 5:36:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 5:36:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 5:36:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 5:36:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	5/4/2022 5:36:00 AM	B87680
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	5/4/2022 5:36:00 AM	B87680
Surr: Dibromofluoromethane	106	70-130		%Rec	1	5/4/2022 5:36:00 AM	B87680
Surr: Toluene-d8	97.1	70-130		%Rec	1	5/4/2022 5:36:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-77
Project: Largo CS
Collection Date: 4/28/2022 12:40:00 PM
Lab ID: 2204D05-007 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 5:59:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 5:59:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 5:59:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 5:59:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	5/4/2022 5:59:00 AM	B87680
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	5/4/2022 5:59:00 AM	B87680
Surr: Dibromofluoromethane	105	70-130		%Rec	1	5/4/2022 5:59:00 AM	B87680
Surr: Toluene-d8	95.9	70-130		%Rec	1	5/4/2022 5:59:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-79
Project: Largo CS
Collection Date: 4/28/2022 1:15:00 PM
Lab ID: 2204D05-008 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 6:22:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 6:22:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 6:22:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 6:22:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	5/4/2022 6:22:00 AM	B87680
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	5/4/2022 6:22:00 AM	B87680
Surr: Dibromofluoromethane	106	70-130		%Rec	1	5/4/2022 6:22:00 AM	B87680
Surr: Toluene-d8	96.5	70-130		%Rec	1	5/4/2022 6:22:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-32
Project: Largo CS
Collection Date: 4/28/2022 2:05:00 PM
Lab ID: 2204D05-009 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 6:46:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 6:46:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 6:46:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 6:46:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	5/4/2022 6:46:00 AM	B87680
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	5/4/2022 6:46:00 AM	B87680
Surr: Dibromofluoromethane	105	70-130		%Rec	1	5/4/2022 6:46:00 AM	B87680
Surr: Toluene-d8	97.1	70-130		%Rec	1	5/4/2022 6:46:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2204D05**
Date Reported: **5/5/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-52
Project: Largo CS
Collection Date: 4/28/2022 2:35:00 PM
Lab ID: 2204D05-010 **Matrix:** AQUEOUS **Received Date:** 4/29/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	5/4/2022 7:09:00 AM	B87680
Toluene	ND	1.0		µg/L	1	5/4/2022 7:09:00 AM	B87680
Ethylbenzene	ND	1.0		µg/L	1	5/4/2022 7:09:00 AM	B87680
Xylenes, Total	ND	1.5		µg/L	1	5/4/2022 7:09:00 AM	B87680
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	5/4/2022 7:09:00 AM	B87680
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	5/4/2022 7:09:00 AM	B87680
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/4/2022 7:09:00 AM	B87680
Surr: Toluene-d8	96.2	70-130		%Rec	1	5/4/2022 7:09:00 AM	B87680

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2204D05**
05-May-22

Client: ENSOLUM
Project: Largo CS

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **R87680** RunNo: **87680**
Prep Date: Analysis Date: **5/3/2022** SeqNo: **3105724** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.5	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.4	70	130			
Surr: Dibromofluoromethane	9.9		10.00		99.3	70	130			
Surr: Toluene-d8	9.5		10.00		95.1	70	130			

Sample ID: **mb2** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW** Batch ID: **B87680** RunNo: **87680**
Prep Date: Analysis Date: **5/3/2022** SeqNo: **3105752** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.2	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.8		10.00		97.7	70	130			

Sample ID: **100ng lcs2** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **B87680** RunNo: **87680**
Prep Date: Analysis Date: **5/3/2022** SeqNo: **3105753** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	95.6	70	130			
Toluene	20	1.0	20.00	0	99.2	70	130			
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.8		10.00		98.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2204D05 | RcptNo: 1

Received By: **Tracy Casarrubias** 4/29/2022 7:10:00 AM

Completed By: **Tracy Casarrubias** 4/29/2022 10:28:07 AM

Reviewed By: JM 4/29/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☑ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: DAD 04/29/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: KSummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: DSA1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.4 - 0 = 1.4 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2204D05	BTEX / ~~MTBE~~ / ~~TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4/28/22	9:00	W	MW-43	3x40mL VOA	$HgCl_2$	001	X									
4/28/22	9:35	W	MW-38			002	X									
4/28/22	10:10	W	MW-34			003	X									
4/28/22	10:55	W	MW-83			004	X									
4/28/22	11:30	W	MW-80			005	X									
4/28/22	12:05	W	MW-76			006	X									
4/28/22	12:40	W	MW-77			007	X									
4/28/22	13:15	W	MW-79			008	X									
4/28/22	14:05	W	MW-32			009	X									
4/28/22	14:35	W	MW-52	↓	↓	010	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/28/22	1541					
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/28/22	1807				4/29/22	7:10

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 18, 2023

Kyle Summers

ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX

RE: Largo CS OrderNo.: 2210C86

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 10 sample(s) on 10/26/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued November 08, 2022.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-88
Project: Largo CS
Collection Date: 10/25/2022 10:20:00 AM
Lab ID: 2210C86-001 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/3/2022 9:12:00 AM	S92260
Toluene	ND	1.0		µg/L	1	11/3/2022 9:12:00 AM	S92260
Ethylbenzene	ND	1.0		µg/L	1	11/3/2022 9:12:00 AM	S92260
Xylenes, Total	ND	1.5		µg/L	1	11/3/2022 9:12:00 AM	S92260
Surr: 1,2-Dichloroethane-d4	89.5	70-130		%Rec	1	11/3/2022 9:12:00 AM	S92260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	11/3/2022 9:12:00 AM	S92260
Surr: Dibromofluoromethane	85.8	70-130		%Rec	1	11/3/2022 9:12:00 AM	S92260
Surr: Toluene-d8	95.2	70-130		%Rec	1	11/3/2022 9:12:00 AM	S92260

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-89
Project: Largo CS
Collection Date: 10/25/2022 11:15:00 AM
Lab ID: 2210C86-002 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/1/2022 10:36:00 PM	SL92266
Toluene	ND	1.0		µg/L	1	11/1/2022 10:36:00 PM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 10:36:00 PM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 10:36:00 PM	SL92266
Surr: 1,2-Dichloroethane-d4	92.7	70-130		%Rec	1	11/1/2022 10:36:00 PM	SL92266
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/1/2022 10:36:00 PM	SL92266
Surr: Dibromofluoromethane	86.9	70-130		%Rec	1	11/1/2022 10:36:00 PM	SL92266
Surr: Toluene-d8	98.2	70-130		%Rec	1	11/1/2022 10:36:00 PM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-14
Project: Largo CS
Collection Date: 10/25/2022 11:45:00 AM
Lab ID: 2210C86-003 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/1/2022 10:59:00 PM	SL92266
Toluene	ND	1.0		µg/L	1	11/1/2022 10:59:00 PM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 10:59:00 PM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 10:59:00 PM	SL92266
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	11/1/2022 10:59:00 PM	SL92266
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	11/1/2022 10:59:00 PM	SL92266
Surr: Dibromofluoromethane	96.4	70-130		%Rec	1	11/1/2022 10:59:00 PM	SL92266
Surr: Toluene-d8	91.8	70-130		%Rec	1	11/1/2022 10:59:00 PM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-90
Project: Largo CS
Collection Date: 10/25/2022 12:25:00 PM
Lab ID: 2210C86-004 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/1/2022 11:22:00 PM	SL92266
Toluene	ND	1.0		µg/L	1	11/1/2022 11:22:00 PM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 11:22:00 PM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 11:22:00 PM	SL92266
Surr: 1,2-Dichloroethane-d4	99.8	70-130		%Rec	1	11/1/2022 11:22:00 PM	SL92266
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	11/1/2022 11:22:00 PM	SL92266
Surr: Dibromofluoromethane	94.6	70-130		%Rec	1	11/1/2022 11:22:00 PM	SL92266
Surr: Toluene-d8	91.9	70-130		%Rec	1	11/1/2022 11:22:00 PM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-15
Project: Largo CS
Collection Date: 10/25/2022 1:00:00 PM
Lab ID: 2210C86-005 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/1/2022 11:45:00 PM	SL92266
Toluene	ND	1.0		µg/L	1	11/1/2022 11:45:00 PM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 11:45:00 PM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 11:45:00 PM	SL92266
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	11/1/2022 11:45:00 PM	SL92266
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	11/1/2022 11:45:00 PM	SL92266
Surr: Dibromofluoromethane	94.6	70-130		%Rec	1	11/1/2022 11:45:00 PM	SL92266
Surr: Toluene-d8	91.9	70-130		%Rec	1	11/1/2022 11:45:00 PM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-13
Project: Largo CS
Collection Date: 10/25/2022 1:30:00 PM
Lab ID: 2210C86-006 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/2/2022 12:08:00 AM	SL92266
Toluene	ND	1.0		µg/L	1	11/2/2022 12:08:00 AM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/2/2022 12:08:00 AM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/2/2022 12:08:00 AM	SL92266
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	11/2/2022 12:08:00 AM	SL92266
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	11/2/2022 12:08:00 AM	SL92266
Surr: Dibromofluoromethane	95.7	70-130		%Rec	1	11/2/2022 12:08:00 AM	SL92266
Surr: Toluene-d8	91.7	70-130		%Rec	1	11/2/2022 12:08:00 AM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-6
Project: Largo CS
Collection Date: 10/25/2022 2:05:00 PM
Lab ID: 2210C86-007 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/2/2022 12:31:00 AM	SL92266
Toluene	ND	1.0		µg/L	1	11/2/2022 12:31:00 AM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/2/2022 12:31:00 AM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/2/2022 12:31:00 AM	SL92266
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	11/2/2022 12:31:00 AM	SL92266
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	11/2/2022 12:31:00 AM	SL92266
Surr: Dibromofluoromethane	95.9	70-130		%Rec	1	11/2/2022 12:31:00 AM	SL92266
Surr: Toluene-d8	91.1	70-130		%Rec	1	11/2/2022 12:31:00 AM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-16
Project: Largo CS
Collection Date: 10/25/2022 2:40:00 PM
Lab ID: 2210C86-008 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/2/2022 12:54:00 AM	SL92266
Toluene	ND	1.0		µg/L	1	11/2/2022 12:54:00 AM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/2/2022 12:54:00 AM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/2/2022 12:54:00 AM	SL92266
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	11/2/2022 12:54:00 AM	SL92266
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	11/2/2022 12:54:00 AM	SL92266
Surr: Dibromofluoromethane	99.8	70-130		%Rec	1	11/2/2022 12:54:00 AM	SL92266
Surr: Toluene-d8	92.3	70-130		%Rec	1	11/2/2022 12:54:00 AM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-3R
Project: Largo CS
Collection Date: 10/25/2022 3:15:00 PM
Lab ID: 2210C86-009
Matrix: AQUEOUS
Received Date: 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	1.1	1.0		µg/L	1	11/2/2022 1:17:00 AM	SL92266
Toluene	ND	1.0		µg/L	1	11/2/2022 1:17:00 AM	SL92266
Ethylbenzene	ND	1.0		µg/L	1	11/2/2022 1:17:00 AM	SL92266
Xylenes, Total	ND	1.5		µg/L	1	11/2/2022 1:17:00 AM	SL92266
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	11/2/2022 1:17:00 AM	SL92266
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	11/2/2022 1:17:00 AM	SL92266
Surr: Dibromofluoromethane	95.1	70-130		%Rec	1	11/2/2022 1:17:00 AM	SL92266
Surr: Toluene-d8	92.7	70-130		%Rec	1	11/2/2022 1:17:00 AM	SL92266

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210C86**
Date Reported: **4/18/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-7
Project: Largo CS
Collection Date: 10/25/2022 3:45:00 PM
Lab ID: 2210C86-010 **Matrix:** AQUEOUS **Received Date:** 10/26/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/2/2022 1:16:00 PM	SL92260
Toluene	ND	1.0		µg/L	1	11/2/2022 1:16:00 PM	SL92260
Ethylbenzene	ND	1.0		µg/L	1	11/2/2022 1:16:00 PM	SL92260
Xylenes, Total	ND	1.5		µg/L	1	11/2/2022 1:16:00 PM	SL92260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	11/2/2022 1:16:00 PM	SL92260
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	11/2/2022 1:16:00 PM	SL92260
Surr: Dibromofluoromethane	96.9	70-130		%Rec	1	11/2/2022 1:16:00 PM	SL92260
Surr: Toluene-d8	91.0	70-130		%Rec	1	11/2/2022 1:16:00 PM	SL92260

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2210C86**
18-Apr-23

Client: ENSOLUM
Project: Largo CS

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **SL92266** RunNo: **92266**
Prep Date: Analysis Date: **11/1/2022** SeqNo: **3314310** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.3	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.3	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.5	70	130			
Surr: Dibromofluoromethane	9.3		10.00		92.6	70	130			
Surr: Toluene-d8	9.4		10.00		94.1	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW** Batch ID: **SL92266** RunNo: **92266**
Prep Date: Analysis Date: **11/1/2022** SeqNo: **3314311** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.3	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.2	70	130			
Surr: Dibromofluoromethane	9.4		10.00		93.9	70	130			
Surr: Toluene-d8	9.3		10.00		93.2	70	130			

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **SL92260** RunNo: **92260**
Prep Date: Analysis Date: **11/2/2022** SeqNo: **3315873** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.2	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Surr: 1,2-Dichloroethane-d4	9.8		10.00		97.9	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.3	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.0	70	130			
Surr: Toluene-d8	9.2		10.00		91.8	70	130			

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW** Batch ID: **S92260** RunNo: **92260**
Prep Date: Analysis Date: **11/2/2022** SeqNo: **3315874** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	97.5	70	130			
Toluene	20	1.0	20.00	0	98.8	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210C86**

18-Apr-23

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **LCSW** Batch ID: **S92260** RunNo: **92260**

Prep Date: Analysis Date: **11/2/2022** SeqNo: **3315874** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		99.5	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.5	70	130			
Surr: Dibromofluoromethane	9.4		10.00		93.8	70	130			
Surr: Toluene-d8	9.1		10.00		90.7	70	130			

Sample ID: **MB** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **SL92260** RunNo: **92260**

Prep Date: Analysis Date: **11/2/2022** SeqNo: **3315875** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.4	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.5	70	130			
Surr: Dibromofluoromethane	9.6		10.00		95.6	70	130			
Surr: Toluene-d8	9.2		10.00		92.1	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **S92260** RunNo: **92260**

Prep Date: Analysis Date: **11/3/2022** SeqNo: **3315876** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.5	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.5	70	130			
Surr: Dibromofluoromethane	9.4		10.00		94.3	70	130			
Surr: Toluene-d8	9.2		10.00		92.0	70	130			

Sample ID: **2210C86-010ams** SampType: **MS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **MW-7** Batch ID: **SL92260** RunNo: **92260**

Prep Date: Analysis Date: **11/2/2022** SeqNo: **3315878** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	99.6	70	130			
Toluene	21	1.0	20.00	0	103	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2210C86**
18-Apr-23

Client: ENSOLUM
Project: Largo CS

Sample ID: **2210C86-010ams** SampType: **MS** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-7** Batch ID: **SL92260** RunNo: **92260**
Prep Date: Analysis Date: **11/2/2022** SeqNo: **3315878** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.1	70	130			
Surr: Dibromofluoromethane	9.5		10.00		95.3	70	130			
Surr: Toluene-d8	9.2		10.00		92.0	70	130			

Sample ID: **2210C86-010amsd** SampType: **MSD** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-7** Batch ID: **SL92260** RunNo: **92260**
Prep Date: Analysis Date: **11/2/2022** SeqNo: **3315879** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.4	70	130	1.15	20	
Toluene	20	1.0	20.00	0	101	70	130	1.98	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.7		10.00		97.4	70	130	0	0	
Surr: Dibromofluoromethane	9.6		10.00		96.1	70	130	0	0	
Surr: Toluene-d8	9.1		10.00		91.3	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: **2210C86** RcptNo: **1**

Received By: **Juan Rojas** **10/26/2022 6:45:00 AM**

Completed By: **Cheyenne Cason** **10/26/2022 10:55:40 AM**

Reviewed By: JR 10/26/22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: TME 10/26/22 (<2 or >12 unless noted)

Adjusted?

Checked by: TME 10/26/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.0	Good	Not Present			

Released to Imaging: 4/22/2024 3:47:57 PM

Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: K.summers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☐ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.1-0.1=0 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210C86	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/25/22	10:20	W	MW-88	3x 40mL VOA	$HgCl_2$	001	X									
10/25/22	11:15	W	MW-89			002	X									
10/25/22	11:45	W	MW-14			003	X									
10/25/22	12:25	W	MW-90			004	X									
10/25/22	13:00	W	MW-15			005	X									
10/25/22	13:30	W	MW-13			006	X									
10/25/22	14:05	W	MW-6			007	X									
10/25/22	14:40	W	MW-16			008	X									
10/25/22	15:15	W	MW-3R			009	X									
10/25/22	15:45	W	MW-7			010	X									

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/25/22	1704				10/25/22	1704
10/25/22	1752			courier	10/26/22	6:45

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 04, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2210D61

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 14 sample(s) on 10/27/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-8
Project: Largo CS
Collection Date: 10/26/2022 9:00:00 AM
Lab ID: 2210D61-001 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 12:04:15 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 12:04:15 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 12:04:15 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 12:04:15 PM	R92244
Surr: Dibromofluoromethane	128	70-130		%Rec	1	11/1/2022 12:04:15 PM	R92244
Surr: Toluene-d8	94.0	70-130		%Rec	1	11/1/2022 12:04:15 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-9
Project: Largo CS
Collection Date: 10/26/2022 9:40:00 AM
Lab ID: 2210D61-002 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 12:32:47 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 12:32:47 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 12:32:47 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 12:32:47 PM	R92244
Surr: Dibromofluoromethane	127	70-130		%Rec	1	11/1/2022 12:32:47 PM	R92244
Surr: Toluene-d8	94.4	70-130		%Rec	1	11/1/2022 12:32:47 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-122
Project: Largo CS
Collection Date: 10/26/2022 10:10:00 AM
Lab ID: 2210D61-003 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 1:01:32 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 1:01:32 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 1:01:32 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 1:01:32 PM	R92244
Surr: Dibromofluoromethane	126	70-130		%Rec	1	11/1/2022 1:01:32 PM	R92244
Surr: Toluene-d8	93.6	70-130		%Rec	1	11/1/2022 1:01:32 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-49
Project: Largo CS
Collection Date: 10/26/2022 10:50:00 AM
Lab ID: 2210D61-004 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 1:30:11 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 1:30:11 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 1:30:11 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 1:30:11 PM	R92244
Surr: Dibromofluoromethane	124	70-130		%Rec	1	11/1/2022 1:30:11 PM	R92244
Surr: Toluene-d8	94.6	70-130		%Rec	1	11/1/2022 1:30:11 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-53
Project: Largo CS
Collection Date: 10/26/2022 11:20:00 AM
Lab ID: 2210D61-005 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 1:58:43 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 1:58:43 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 1:58:43 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 1:58:43 PM	R92244
Surr: Dibromofluoromethane	131	70-130	S	%Rec	1	11/1/2022 1:58:43 PM	R92244
Surr: Toluene-d8	93.2	70-130		%Rec	1	11/1/2022 1:58:43 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-54
Project: Largo CS
Collection Date: 10/26/2022 12:00:00 PM
Lab ID: 2210D61-006 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 3:24:55 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 3:24:55 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 3:24:55 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 3:24:55 PM	R92244
Surr: Dibromofluoromethane	126	70-130		%Rec	1	11/1/2022 3:24:55 PM	R92244
Surr: Toluene-d8	92.5	70-130		%Rec	1	11/1/2022 3:24:55 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-40R
Project: Largo CS
Collection Date: 10/26/2022 12:35:00 PM
Lab ID: 2210D61-007 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 3:53:36 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 3:53:36 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 3:53:36 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 3:53:36 PM	R92244
Surr: Dibromofluoromethane	129	70-130		%Rec	1	11/1/2022 3:53:36 PM	R92244
Surr: Toluene-d8	92.9	70-130		%Rec	1	11/1/2022 3:53:36 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-50
Project: Largo CS
Collection Date: 10/26/2022 1:05:00 PM
Lab ID: 2210D61-008 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 4:22:08 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 4:22:08 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 4:22:08 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 4:22:08 PM	R92244
Surr: Dibromofluoromethane	129	70-130		%Rec	1	11/1/2022 4:22:08 PM	R92244
Surr: Toluene-d8	94.7	70-130		%Rec	1	11/1/2022 4:22:08 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-51
Project: Largo CS
Collection Date: 10/26/2022 1:35:00 PM
Lab ID: 2210D61-009 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	2.7	1.0		µg/L	1	11/1/2022 4:50:41 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 4:50:41 PM	R92244
Ethylbenzene	12	1.0		µg/L	1	11/1/2022 4:50:41 PM	R92244
Xylenes, Total	4.6	1.5		µg/L	1	11/1/2022 4:50:41 PM	R92244
Surr: Dibromofluoromethane	125	70-130		%Rec	1	11/1/2022 4:50:41 PM	R92244
Surr: Toluene-d8	95.5	70-130		%Rec	1	11/1/2022 4:50:41 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-41
Project: Largo CS
Collection Date: 10/26/2022 2:20:00 PM
Lab ID: 2210D61-010 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 5:19:13 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 5:19:13 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 5:19:13 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 5:19:13 PM	R92244
Surr: Dibromofluoromethane	127	70-130		%Rec	1	11/1/2022 5:19:13 PM	R92244
Surr: Toluene-d8	93.5	70-130		%Rec	1	11/1/2022 5:19:13 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-43
Project: Largo CS
Collection Date: 10/26/2022 2:50:00 PM
Lab ID: 2210D61-011 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 5:47:43 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 5:47:43 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 5:47:43 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 5:47:43 PM	R92244
Surr: Dibromofluoromethane	127	70-130		%Rec	1	11/1/2022 5:47:43 PM	R92244
Surr: Toluene-d8	93.2	70-130		%Rec	1	11/1/2022 5:47:43 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-36R
Project: Largo CS
Collection Date: 10/26/2022 3:20:00 PM
Lab ID: 2210D61-012 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 6:16:26 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 6:16:26 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 6:16:26 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 6:16:26 PM	R92244
Surr: Dibromofluoromethane	129	70-130		%Rec	1	11/1/2022 6:16:26 PM	R92244
Surr: Toluene-d8	94.9	70-130		%Rec	1	11/1/2022 6:16:26 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-37R
Project: Largo CS
Collection Date: 10/26/2022 3:55:00 PM
Lab ID: 2210D61-013 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	2.0	1.0		µg/L	1	11/1/2022 6:45:07 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 6:45:07 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 6:45:07 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 6:45:07 PM	R92244
Surr: Dibromofluoromethane	126	70-130		%Rec	1	11/1/2022 6:45:07 PM	R92244
Surr: Toluene-d8	94.2	70-130		%Rec	1	11/1/2022 6:45:07 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210D61**
Date Reported: **11/4/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-38
Project: Largo CS
Collection Date: 10/26/2022 4:25:00 PM
Lab ID: 2210D61-014 **Matrix:** AQUEOUS **Received Date:** 10/27/2022 6:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 7:13:37 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 7:13:37 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 7:13:37 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 7:13:37 PM	R92244
Surr: Dibromofluoromethane	129	70-130		%Rec	1	11/1/2022 7:13:37 PM	R92244
Surr: Toluene-d8	93.8	70-130		%Rec	1	11/1/2022 7:13:37 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210D61**

04-Nov-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs4**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R92244**	RunNo: **92244**
Prep Date:	Analysis Date: **11/1/2022**	SeqNo: **3313193** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	25	1.0	20.00	0	123	70	130			
Toluene	23	1.0	20.00	0	113	70	130			
1,2-Dichloroethane-d4	13	0	10.00	0	130	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.1	70	130			
Surr: Dibromofluoromethane	12		10.00		125	70	130			
Surr: Toluene-d8	9.6		10.00		95.9	70	130			

Sample ID: **2210d61-001ams**	SampType: **MS4**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-8**	Batch ID: **R92244**	RunNo: **92244**
Prep Date:	Analysis Date: **11/1/2022**	SeqNo: **3313198** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	24	1.0	20.00	0	120	80	120			S
Toluene	22	1.0	20.00	0	109	80	120			
Ethylbenzene	22	1.0	20.00	0	110	80	120			
Xylenes, Total	66	1.5	60.00	0	111	80	120			
Surr: 4-Bromofluorobenzene	9.2		10.00		91.7	70	130			
Surr: Dibromofluoromethane	13		10.00		129	70	130			
Surr: Toluene-d8	9.6		10.00		95.7	70	130			

Sample ID: **2210d61-001amsd**	SampType: **MSD4**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **MW-8**	Batch ID: **R92244**	RunNo: **92244**
Prep Date:	Analysis Date: **11/1/2022**	SeqNo: **3313199** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	113	80	120	6.56	20	
Toluene	20	1.0	20.00	0	98.9	80	120	9.47	20	
Ethylbenzene	20	1.0	20.00	0	99.6	80	120	9.79	20	
Xylenes, Total	61	1.5	60.00	0	101	80	120	9.00	20	
Surr: 4-Bromofluorobenzene	9.4		10.00		93.7	70	130	0	0	
Surr: Dibromofluoromethane	13		10.00		126	70	130	0	0	
Surr: Toluene-d8	9.3		10.00		92.7	70	130	0	0	

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R92244**	RunNo: **92244**
Prep Date:	Analysis Date: **11/1/2022**	SeqNo: **3313230** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210D61**

04-Nov-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R92244**	RunNo: **92244**
Prep Date:	Analysis Date: **11/1/2022**	SeqNo: **3313230** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 4-Bromofluorobenzene	9.3		10.00		92.8	70	130			
Surr: Dibromofluoromethane	13		10.00		128	70	130			
Surr: Toluene-d8	9.4		10.00		94.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2210D61 | RcptNo: 1

Received By: Juan Rojas 10/27/2022 6:45:00 AM

Completed By: Tracy Casarrubias 10/27/2022 9:03:19 AM

Reviewed By: TR 10/27/22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☑	No ☐	NA ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: KPA 10.27.22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.8	Good	Yes			

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#: ksummers@ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.6+0.2=0.8 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210D61	BTEX / MTBE / TMB's (8021) Per Kyle: 8260 only	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/26/22	9:00	W	MW-8	3x40mlVOA	HgCl2	001	X									
10/26/22	9:40	W	MW-9			002	X									
10/26/22	10:10	W	MW-122			003	X									
10/26/22	10:50	W	MW-49			004	X									
10/26/22	11:20	W	MW-53			005	X									
10/26/22	12:00	W	MW-54			006	X									
10/26/22	12:35	W	MW-40R			007	X									
10/26/22	13:05	W	MW-50			008	X									
10/26/22	13:35	W	MW-51			009	X									
10/26/22	14:20	W	MW-41			010	X									
10/26/22	14:50	W	MW-43			011	X									
10/26/22	15:20	W	MW-36R			012	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/26/22	1735			WA	10/26/22	1735
10/26/22	1806			Courier	10/27/22	6:45

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 4/22/2024 3:47:57 PM
Received by OCD: 2/15/2024 12:15:47 PM

Chain-of-Custody Record

Client: Ensolum, LLC

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

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: GA1276-0015

Project #: Largo CS

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.6+0.2=0.8 (°C)

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210D61	BTEX / ~~MTBE~~ / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
10/26/22	15:55	W	MW-37R	3x40mlVA	HgCl2	013	X															
10/26/22	16:25	W	MW-38	↓	↓	014	X															

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/26/22	1735			courier	10/26/22	1735
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
				courier	10/27/22	6:45

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 08, 2022

Kyle Summers

ENSOLUM
606 S. Rio Grande Unit A
Aztec, NM 87410
TEL: (214) 350-5469
FAX: (214) 350-2914

RE: Largo CS OrderNo.: 2210E73

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 15 sample(s) on 10/29/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-123
Project: Largo CS
Collection Date: 10/27/2022 8:55:00 AM
Lab ID: 2210E73-001 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 7:42:19 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 7:42:19 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 7:42:19 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 7:42:19 PM	R92244
Surr: Dibromofluoromethane	126	70-130		%Rec	1	11/1/2022 7:42:19 PM	R92244
Surr: Toluene-d8	94.7	70-130		%Rec	1	11/1/2022 7:42:19 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-34
Project: Largo CS
Collection Date: 10/27/2022 9:25:00 AM
Lab ID: 2210E73-002 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 8:10:55 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 8:10:55 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 8:10:55 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 8:10:55 PM	R92244
Surr: Dibromofluoromethane	130	70-130	S	%Rec	1	11/1/2022 8:10:55 PM	R92244
Surr: Toluene-d8	91.6	70-130		%Rec	1	11/1/2022 8:10:55 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-83
Project: Largo CS
Collection Date: 10/27/2022 9:55:00 AM
Lab ID: 2210E73-003 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 8:39:27 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 8:39:27 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 8:39:27 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 8:39:27 PM	R92244
Surr: Dibromofluoromethane	132	70-130	S	%Rec	1	11/1/2022 8:39:27 PM	R92244
Surr: Toluene-d8	93.8	70-130		%Rec	1	11/1/2022 8:39:27 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-80
Project: Largo CS
Collection Date: 10/27/2022 11:00:00 AM
Lab ID: 2210E73-004 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 9:08:06 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 9:08:06 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 9:08:06 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 9:08:06 PM	R92244
Surr: Dibromofluoromethane	128	70-130		%Rec	1	11/1/2022 9:08:06 PM	R92244
Surr: Toluene-d8	93.7	70-130		%Rec	1	11/1/2022 9:08:06 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-76
Project: Largo CS
Collection Date: 10/27/2022 11:30:00 AM
Lab ID: 2210E73-005 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 9:36:35 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 9:36:35 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 9:36:35 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 9:36:35 PM	R92244
Surr: Dibromofluoromethane	127	70-130		%Rec	1	11/1/2022 9:36:35 PM	R92244
Surr: Toluene-d8	92.3	70-130		%Rec	1	11/1/2022 9:36:35 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-77
Project: Largo CS
Collection Date: 10/27/2022 12:00:00 PM
Lab ID: 2210E73-006 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/1/2022 10:05:13 PM	R92244
Toluene	ND	1.0		µg/L	1	11/1/2022 10:05:13 PM	R92244
Ethylbenzene	ND	1.0		µg/L	1	11/1/2022 10:05:13 PM	R92244
Xylenes, Total	ND	1.5		µg/L	1	11/1/2022 10:05:13 PM	R92244
Surr: Dibromofluoromethane	129	70-130		%Rec	1	11/1/2022 10:05:13 PM	R92244
Surr: Toluene-d8	93.8	70-130		%Rec	1	11/1/2022 10:05:13 PM	R92244

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-79
Project: Largo CS
Collection Date: 10/27/2022 12:35:00 PM
Lab ID: 2210E73-007 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/4/2022 7:50:20 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 7:50:20 PM	R92357
Ethylbenzene	ND	1.0		µg/L	1	11/4/2022 7:50:20 PM	R92357
Xylenes, Total	ND	1.5		µg/L	1	11/4/2022 7:50:20 PM	R92357
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	11/4/2022 7:50:20 PM	R92357
Surr: Dibromofluoromethane	108	70-130		%Rec	1	11/4/2022 7:50:20 PM	R92357
Surr: Toluene-d8	94.7	70-130		%Rec	1	11/4/2022 7:50:20 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-75
Project: Largo CS
Collection Date: 10/27/2022 1:00:00 PM
Lab ID: 2210E73-008 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/4/2022 8:19:05 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 8:19:05 PM	R92357
Ethylbenzene	ND	1.0		µg/L	1	11/4/2022 8:19:05 PM	R92357
Xylenes, Total	ND	1.5		µg/L	1	11/4/2022 8:19:05 PM	R92357
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	11/4/2022 8:19:05 PM	R92357
Surr: Dibromofluoromethane	106	70-130		%Rec	1	11/4/2022 8:19:05 PM	R92357
Surr: Toluene-d8	95.3	70-130		%Rec	1	11/4/2022 8:19:05 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-32
Project: Largo CS
Collection Date: 10/27/2022 1:10:00 PM
Lab ID: 2210E73-009 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/4/2022 8:47:48 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 8:47:48 PM	R92357
Ethylbenzene	ND	1.0		µg/L	1	11/4/2022 8:47:48 PM	R92357
Xylenes, Total	ND	1.5		µg/L	1	11/4/2022 8:47:48 PM	R92357
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	11/4/2022 8:47:48 PM	R92357
Surr: Dibromofluoromethane	107	70-130		%Rec	1	11/4/2022 8:47:48 PM	R92357
Surr: Toluene-d8	97.1	70-130		%Rec	1	11/4/2022 8:47:48 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-39
Project: Largo CS
Collection Date: 10/27/2022 2:10:00 PM
Lab ID: 2210E73-010 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/4/2022 9:16:28 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 9:16:28 PM	R92357
Ethylbenzene	ND	1.0		µg/L	1	11/4/2022 9:16:28 PM	R92357
Xylenes, Total	ND	1.5		µg/L	1	11/4/2022 9:16:28 PM	R92357
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	1	11/4/2022 9:16:28 PM	R92357
Surr: Dibromofluoromethane	109	70-130		%Rec	1	11/4/2022 9:16:28 PM	R92357
Surr: Toluene-d8	95.2	70-130		%Rec	1	11/4/2022 9:16:28 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-124
Project: Largo CS
Collection Date: 10/27/2022 3:05:00 PM
Lab ID: 2210E73-011 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/4/2022 9:45:10 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 9:45:10 PM	R92357
Ethylbenzene	ND	1.0		µg/L	1	11/4/2022 9:45:10 PM	R92357
Xylenes, Total	ND	1.5		µg/L	1	11/4/2022 9:45:10 PM	R92357
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/4/2022 9:45:10 PM	R92357
Surr: Dibromofluoromethane	104	70-130		%Rec	1	11/4/2022 9:45:10 PM	R92357
Surr: Toluene-d8	96.2	70-130		%Rec	1	11/4/2022 9:45:10 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-52
Project: Largo CS
Collection Date: 10/27/2022 3:50:00 PM
Lab ID: 2210E73-012 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	ND	1.0		µg/L	1	11/4/2022 10:13:48 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 10:13:48 PM	R92357
Ethylbenzene	ND	1.0		µg/L	1	11/4/2022 10:13:48 PM	R92357
Xylenes, Total	ND	1.5		µg/L	1	11/4/2022 10:13:48 PM	R92357
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	11/4/2022 10:13:48 PM	R92357
Surr: Dibromofluoromethane	105	70-130		%Rec	1	11/4/2022 10:13:48 PM	R92357
Surr: Toluene-d8	97.0	70-130		%Rec	1	11/4/2022 10:13:48 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-48R
Project: Largo CS
Collection Date: 10/27/2022 4:20:00 PM
Lab ID: 2210E73-013 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	32	2.0		µg/L	2	11/4/2022 10:42:25 PM	R92357
Toluene	ND	2.0		µg/L	2	11/4/2022 10:42:25 PM	R92357
Ethylbenzene	29	2.0		µg/L	2	11/4/2022 10:42:25 PM	R92357
Xylenes, Total	15	3.0		µg/L	2	11/4/2022 10:42:25 PM	R92357
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	2	11/4/2022 10:42:25 PM	R92357
Surr: Dibromofluoromethane	105	70-130		%Rec	2	11/4/2022 10:42:25 PM	R92357
Surr: Toluene-d8	95.8	70-130		%Rec	2	11/4/2022 10:42:25 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-33R
Project: Largo CS
Collection Date: 10/27/2022 5:00:00 PM
Lab ID: 2210E73-014 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	45	1.0		µg/L	1	11/4/2022 11:11:00 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 11:11:00 PM	R92357
Ethylbenzene	37	1.0		µg/L	1	11/4/2022 11:11:00 PM	R92357
Xylenes, Total	ND	1.5		µg/L	1	11/4/2022 11:11:00 PM	R92357
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	11/4/2022 11:11:00 PM	R92357
Surr: Dibromofluoromethane	92.4	70-130		%Rec	1	11/4/2022 11:11:00 PM	R92357
Surr: Toluene-d8	98.4	70-130		%Rec	1	11/4/2022 11:11:00 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2210E73**
Date Reported: **11/8/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-35R
Project: Largo CS
Collection Date: 10/27/2022 5:30:00 PM
Lab ID: 2210E73-015 **Matrix:** AQUEOUS **Received Date:** 10/29/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **JR**	
Benzene	42	1.0		µg/L	1	11/4/2022 11:39:37 PM	R92357
Toluene	ND	1.0		µg/L	1	11/4/2022 11:39:37 PM	R92357
Ethylbenzene	5.6	1.0		µg/L	1	11/4/2022 11:39:37 PM	R92357
Xylenes, Total	6.8	1.5		µg/L	1	11/4/2022 11:39:37 PM	R92357
Surr: 1,2-Dichloroethane-d4	89.5	70-130		%Rec	1	11/4/2022 11:39:37 PM	R92357
Surr: Dibromofluoromethane	78.3	70-130		%Rec	1	11/4/2022 11:39:37 PM	R92357
Surr: Toluene-d8	97.4	70-130		%Rec	1	11/4/2022 11:39:37 PM	R92357

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210E73**

08-Nov-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs4**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R92244**	RunNo: **92244**
Prep Date:	Analysis Date: **11/1/2022**	SeqNo: **3313193** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	25	1.0	20.00	0	123	70	130			
Toluene	23	1.0	20.00	0	113	70	130			
1,2-Dichloroethane-d4	13	0	10.00	0	130	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.1	70	130			
Surr: Dibromofluoromethane	12		10.00		125	70	130			
Surr: Toluene-d8	9.6		10.00		95.9	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R92244**	RunNo: **92244**
Prep Date:	Analysis Date: **11/1/2022**	SeqNo: **3313230** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 4-Bromofluorobenzene	9.3		10.00		92.8	70	130			
Surr: Dibromofluoromethane	13		10.00		128	70	130			
Surr: Toluene-d8	9.4		10.00		94.1	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R92357**	RunNo: **92357**
Prep Date:	Analysis Date: **11/4/2022**	SeqNo: **3319045** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.0	70	130			
Toluene	19	1.0	20.00	0	96.8	70	130			
Surr: 1,2-Dichloroethane-d4	8.8		10.00		87.7	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.1	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	9.6		10.00		96.2	70	130			

Sample ID: **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R92357**	RunNo: **92357**
Prep Date:	Analysis Date: **11/5/2022**	SeqNo: **3319046** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.4	70	130			
Toluene	19	1.0	20.00	0	96.6	70	130			
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2210E73**

08-Nov-22

Client: ENSOLUM

Project: Largo CS

Sample ID: **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **R92357**	RunNo: **92357**
Prep Date:	Analysis Date: **11/5/2022**	SeqNo: **3319046** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	9.9		10.00		99.5	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	9.7		10.00		97.1	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R92357**	RunNo: **92357**
Prep Date:	Analysis Date: **11/4/2022**	SeqNo: **3319075** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.0	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.7		10.00		97.0	70	130			

Sample ID: **mb2**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R92357**	RunNo: **92357**
Prep Date:	Analysis Date: **11/5/2022**	SeqNo: **3319076** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		112	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.7		10.00		96.8	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2210E73 | RcptNo: 1

Received By: Tracy Casarrubias 10/29/2022 8:45:00 AM

Completed By: Tracy Casarrubias 10/29/2022 10:07:59 AM

Reviewed By: JA 10.31.22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JA 10/31/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Yes			

Received by OCD: 2/15/2024 12:15:47 PM

Released to Imaging: 4/22/2024 3:47:57 PM

Chain-of-Custody Record

Client: Ensolum, LLC

Mailing Address: 606 S. Rio Grande, Suite A

Aztec, NM 87410

Phone #:

email or Fax#: KSummers@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers:

Cooler Temp(Including CF): 2.4+0.1=2.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 22 10E73	BTEX / ~~MTBE~~ / ~~TMBs~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/27/22	8:55	W	MW-123	3x40mL VOA	$HgCl_2$	001	X									
10/27/22	9:25	W	MW-34			002	X									
10/27/22	9:55	W	MW-83			003	X									
10/27/22	11:00	W	MW-80			004	X									
10/27/22	11:30	W	MW-76			005	X									
10/27/22	12:00	W	MW-77			006	X									
10/27/22	12:35	W	MW-79			007	X									
10/27/22	13:00	W	MW-75			008	X									
10/27/22	13:10	W	MW-32			009	X									
10/27/22	14:10	W	MW-39			010	X									
10/27/22	15:05	W	MW-124			011	X									
10/27/22	15:50	W	MW-52			012	X									

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
~~10/27/22~~ 10/28/22	9:46				10/28/22	946
10/28/22	1810				10/29/22	8:45

Remarks: Bill to Ensolum

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Enerdrum, LLC

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

Phone #:

email or Fax#: ksummers@enerdrum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Largo CS

Project #: 05A1226001

Project Manager: K. Summers

Sampler: L. Daniell

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(Including CF): 2.4 +0.1 =2.5 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2210673	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
10/27/22	16:20	w	MW-48R	3x40mL VOA	$HgCl_2$	013	X									
10/27/22	17:00		MW-33R	↓	↓	014	X									
10/27/22	17:30	w	MW-35R	↓	↓	015	X									

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
~~10/27/22~~ 10/28/22	946					
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/28/22	1816				10/29/22	8:45

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

ENSOLUM

APPENDIX I

2022 Annual Remediation System Operations Report

SOLI technical

January 11, 2023

Mr. Kyle Summers
Ensolum, LLC
606 South Rio Grande, Suite A
Aztec, New Mexico 87410

Subject: **Annual Remediation System Operations Report - 2022**
Largo Compressor Station
Bloomfield, New Mexico

Dear Mr. Summers,

Soli Technical, LLC (Soli) is providing this annual operations and maintenance (O&M) report for the remediation system at the above-referenced site. This report provides a summary of remediation system operations through December 31, 2022.

Design and Installation

As detailed on previous reports, soil vapor extraction (SVE) pilot testing was conducted on July 25 and 26, 2017, to evaluate the technology as an option for the remediation of soil and groundwater at Area 1 of the Largo Compressor Station (Site). The results of the SVE pilot test were presented in the *Soil Remediation Plan Amendment*, dated August 14, 2017, demonstrating that soil in the vadose zone and smear zone could be feasibly remediated using SVE. The intent to achieve full remediation of saturated zone soil and groundwater led to a remedy design including a full-scale SVE system coupled with air sparging to depths of known saturated zone soil impacts, as documented in the *Soil Vapor Extraction and Air Sparging Work Plan*, dated September 15, 2017.

Installation of the SVE and air sparge system began in April 2018 with the installation of seven SVE wells and six air sparge wells. A list of wells and screen intervals is included in **Table 1**. Underground piping was installed to connect remediation wells to the planned remediation system enclosure. The system enclosure includes a positive-displacement SVE blower, moisture knockout tank, and manifold to allow individual flow and vacuum control for each SVE well. The enclosure also includes a rotary vane air sparge compressor, support equipment, and manifold to allow individual flow and pressure control for each air sparge well. An independent electrical spur and final system installation was completed in August 2019. Remediation system startup was performed in December 2019.

Remediation System Operation, Maintenance, and Emissions Monitoring

Remediation system operational data are presented in **Tables 2 through 4**. SVE well flow rates are generally maintained between 10 and 30 cubic feet per minute (cfm) at target vacuums between 10 and 20 inches of water column (inWC). The total SVE system flow rate is generally in the range of 150 to 200 cfm. SVE flows and vacuums are intentionally kept near the low range of reasonable operation to minimize water entrainment and maximize continuous run time. The SVE system is designed to operate 24 hours per day.

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Air sparge well flow rates are generally maintained between 1 and 10 cfm at applied pressures between 8 and 15 pounds per square inch (psi). In 2022, the total air sparge system flow rate was generally in the range of 9 to 20 cfm. The total flow rate was lower than prior years due to the need to maintain lower flow at a sparge well suspected of short-circuiting when operating at relatively higher flow rates. System flow rates are influenced by changing water table elevations (impacting available screen intervals and head resistance to flow) and operational temperatures. The air sparge system is designed to cycle on for 15 minutes within each 2-hour period. Cycling of the sparge wells encourages mixing within the saturated zone and reduces the prevalence of flow channeling that might otherwise negatively affect radius of influence.

Emissions from the SVE system have been monitored on a consistent schedule since startup on December 12, 2019. Laboratory samples were collected at startup, monthly during the first quarter of system operation and quarterly since then, per industry standard. Hydrocarbon concentrations in SVE offgas were initially 9,780 milligrams per cubic meter (mg/m^3) and have declined to a concentration of 43.1 mg/m^3 after approximately three years of operation. Total emissions during 2022 were calculated to be approximately 554 pounds of hydrocarbons, as presented in the **Table 5** and **Chart 1**.

Routine operations and maintenance visits are scoped approximately once per month. System alarm conditions and notifications are relayed to project personnel via a remote telemetry cellular interface.

Sincerely,

W.W. Catt Wilson, P.E.
Principal Engineer

Enclosures, as noted above

TABLE 1

Well Screen Data

Well	Screen length per log (ft)	Total depth (ft btoc)	Depth to water (ft btoc) at startup
SVE-1	15.00	20.89	19.51
SVE-2	15.00	20.87	19.43
SVE-3	15.00	20.54	19.52
SVE-4	15.00	20.80	19.54
SVE-5	15.00	21.00	18.78
SVE-6	15.00	20.81	18.82
SVE-7	15.00	20.67	19.30
AS-1	2.00	26.54	18.92
AS-2	2.00	26.51	18.82
AS-3	2.00	26.66	18.68
AS-4	2.00	25.68	18.85
AS-5	2.00	26.19	18.64
AS-6	2.00	27.11	18.51

Notes:

btoc	below top of casing
ft	feet

TABLE 2

Control Panel Settings

Date	Time	SVE hour meter	SVE timer setting	AS hour meter	AS Sol. 1 hour meter	AS Sol. 1 setting	AS Sol. 2 hour meter	AS Sol. 2 setting
12/12/2019	830	32,647	24hr	31,414	31,410	24hr	31,406	24hr
1/20/2020	1140	33,496	24hr	32,262	32,258	24hr	32,254	24hr
2/18/2020	920	34,189	24hr	32,954	32,950	30 min on, 90 min off	32,946	30 min on, 90 min off
5/6/2020	1230	34,299	24hr	32,990	32,999	30 min on, 90 min off	32,975	30 min on, 90 min off
6/24/2020	820	35,468	24hr	33,346	33,260	30 min on, 90 min off	33,264	30 min on, 90 min off
8/18/2020	820	36,460	24hr	33,647	33,497	30 min on, 90 min off	33,508	30 min on, 90 min off
9/22/2020	1205	36,541	24hr	33,672	33,543	30 min on, 90 min off	33,556	30 min on, 90 min off
10/21/2020	930	37,234	24hr	33,842	--	30 min on, 90 min off	--	30 min on, 90 min off
12/8/2020	810	38,386	24hr	34,124	33,990	30 min on, 90 min off	34,014	30 min on, 90 min off
3/23/2021	1050	40,581	24hr	34,661	34,521	30 min on, 90 min off	34,557	30 min on, 90 min off
6/15/2021	830	42,453	24hr	35,559	34,966	30 min on, 90 min off	35,015	30 min on, 90 min off
9/28/2021	820	43,658	24hr	36,130	35,489	30 min on, 90 min off	35,553	30 min on, 90 min off
12/14/2021	940	45,272	24hr	36,905	35,874	15 min on, 105 min off	35,947	15 min on, 105 min off
3/9/2022	810	47,239	24hr	37,361	36,097	15 min on, 105 min off	36,185	15 min on, 105 min off
6/21/2022	850	49,501	24hr	37,869	36,325	15 min on, 105 min off	36,431	15 min on, 105 min off
9/27/2022	815	51,173	24hr	38,235	36,521	15 min on, 105 min off	36,646	15 min on, 105 min off
12/15/2022	820	52,974	24hr	38,638	36,717	15 min on, 105 min off	36,858	15 min on, 105 min off

Notes:

AS	air sparge
hr	hour
Sol.	solenoid
SVE	soil vapor extraction
--	reading not taken

TABLE 3

SVE Operational Data

Date	Time	Run time meter	KO Inlet Vac. (in WC)	Blower Inlet Vac. (in WC)	Disch. Temp. (F)	KO Flow (cfm)	Disch. Flow (cfm)	Total PID	SVE-1			SVE-2			SVE-3			SVE-4			SVE-5			SVE-6			SVE-7		
									Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID	Vac.	Flow	PID
12/12/2019	840	32647	32	43	100	225	250	369.1	20	24	381.5	18	23	384.7	19	24	105.4	20	10	163.3	18	18	174.0	18	37	744.7	10	20	605.6
1/20/2020	1140	33496	36	46	105	200	250	186	16	16	--	18	28	--	22	27	--	17	8	--	18	23	--	13	33	--	10	20	--
2/18/2020	920	34189	32	35	90	260	250	98	32	36	277.4	26	37	38.4	16	27	13.7	28	19	97.4	22	20	1.0	16	34	53.6	20	24	106.2
5/6/2020	1115	34299	16	25	102	150	265	250	18	13	--	19	23	--	13	23	--	18	8	--	17	16	--	17	31	--	5	16	--
6/24/2020	1110	35471	39	50	132	150	240	37.6	21	12	120.8	20	23	54.2	20	48	20.1	10	20	82.0	20	20	9.9	20	45	45.0	20	39	99.7
8/18/2020	1108	36460	30	40	130	175	250	70.6	14	15	26.2	18	22	30.6	18	32	52.9	17	9	198	18	16	85.6	16	37	85	17	23	87.3
9/22/2020	1211	36541	30	40	105	175	250	--	18	14	--	16	22	--	18	38	--	16	8	--	14	10	--	17	39	--	16	30	--
10/21/2020	930	37234	35	40	100	180	250	28.3	19	15	203.1	19	22	131.1	18	39	30.6	18	9	39.7	15	11	0	19	37	84.3	18	32	39.8
12/8/2020	1104	38386	30	42	80	190	250	22.6	18	12	15.4	12	20	16.0	10	28	1.6	19	10	94.6	17	14	18.6	12	24	19.7	16	30	42
3/23/2021	1050	40580	31	40	90	200	250	19.4	19	10	161.1	21	30	25.7	20	36	20	18	9	126.2	20	15	4.1	18	42	25	20	40	38.3
6/15/2021	920	42454	28	38	120	200	250	27.5	20	8	20.2	20	27	11.3	18	42	60	20	10	133	20	16	3.1	20	46	29.5	20	43	35.6
9/28/2021	850	43658	32	38	170	150	250	15	20	5	14.5	16	23	14.0	16	30	10.1	18	5	93	18	14	14.2	16	37	13.9	12	20	16.8
12/14/2021	905	45272	30	38	80	180	250	0	20	5	0.3	20	30	0.0	18	39	0	15	5	1	19	12	0.1	16	39	0.1	16	31	0.3
12/14/2021	935	45272	32	40	100	155	250	--	16	5	--	16	23	--	16	35	--	16	2	--	16	8	--	16	41	--	16	28	--
3/9/2022	817	47239	36	40	95	160	250	--	17	0	9.8	20	26	3.6	20	40	3.2	20	10	33.9	16	0	3.3	18	42	3	20	33	4.2
3/9/2022	1230	47239	34	38	95	170	250	5.9	16	19	7.2	14	19	5.6	14	32	2.3	20	10	42.7	16	20	7.7	16	35	8.5	14	23	9.4
6/21/2022	850	49501	36	44	115	180	250	--	10	10	--	20	26	--	20	35	--	20	10	--	18	5	--	19	43	--	17	32	--
6/21/2022	935	49501	24	34	115	200	260	20.9	19	21	19.7	20	25	18.3	18	34	0.8	19	8	28	18	25	16.4	16	38	19.1	16	32	16.3
9/27/2022	822	51173	28	38	100	190	250	15.8	20	26	18.8	22	27	18.8	27	5	16.8	22	5	28.3	20	29	16.1	20	40	17.8	20	36	18.7
12/15/2022	835	52974	32	40	80	180	250	4.2	22	24	0.0	20	29	0.0	30	0	3.5	40	0	9.5	20	26	0.2	19	44	7.6	20	35	11.7
12/15/2022	1035	52974	40	38	70	180	250	0	20	28	--	20	27	--	20	10	--	18	10	--	18	28	--	19	44	--	20	36	--

Notes:

cfm	cubic feet per minute
Disch.	discharge
F	degrees fahrenheit
inWC	inches of water column
KO	flow measured at knockout tank (pre bleed)
PID	hydrocarbon vapor concentration by photoionization detector
SVE	soil vapor extraction well
Temp.	temperature
Vac.	vacuum
--	reading not taken

TABLE 4

Air Sparge Operational Data

Date	Time	Run time meter	Outlet Temp. (F)	Outlet Press. (psi)	Right Manifold Press. (psi)	Left Manifold Press. (psi)	Main Flow (cfm)	Cumulative manifold flow (cfm)	AS-1		AS-2		AS-3		AS-4		AS-5		AS-6	
									Flow	Press.	Flow	Press.	Flow	Press.	Flow	Press.	Flow	Press.	Flow	Press.
12/12/2019	830	31414	175	10.5	--	--	45	36-39	8	7.5	5-6	5.5	5-6	6.9	6-7	7.5	6	5.5	6	7
1/20/2020	1140	32262	190	10.6	11.5	10.6	45	35.5	6.5	7.5	5.5	5	5.5	7	6.5	7.7	5	6.1	6.5	6.8
2/18/2020	950	32954	170	9.4	9.4	8.5	46	39	8.3	6.3	5	4.5	6.7	5.2	7.5	6.4	5.5	5	6	5.6
5/6/2020	1200	32998	130	12.5	12.7	--	39	12.5	--	--	3	10	5.5	9	--	--	--	--	4	10.5
5/6/2020	1215	32999	140	11	--	10	36	16	7	8.2	--	--	--	--	4	9.5	5	7.5	--	--
6/24/2020	850	33346	82	11	11.9	11	32	--	0	10.9	0	10.6	0	10.4	5.1	10	0	10.4	0	10.7
6/24/2020	1205	--	--	--	--	--	--	--	<5	--	<5	--	0	--	--	--	<5	--	<5	--
8/18/2020	1130	33646	90	11	11	8.5	29	19.5	2	13	2.5	12	3	12.6	2	11	7	8	3	12.5
9/22/2020	1219	33672	80	11	--	10.4	36	16.5	4	9.9	--	--	--	--	6	10	6.5	9.5	--	--
9/22/2020	1219	33672	80	12.5	12.5	--	34	15.5	--	--	2	11.5	8.5	11	--	--	--	--	5	11.5
10/21/2020	930	33842	--	--	--	--	--	--	0	8.5	7.5	8.2	1.5	8.5	10.5	8.5	1	8.5	4	8.5
12/8/2020	810	34124	160	10.5	11	10	37	24.5	2	9.5	8	9.8	2	10	8.5	10	1	10	3	10
3/23/2021	1050	34661	60	11.7	11.5	11	38/35	37	3	10.9	6.5	10	11.5	9.6	11	11	1	11	4	10.5
6/15/2021	1140	35559	100	12.2/11.1	11.2	11.6	37/36	38.1	3.5	11	8.5	9	9.1	9.4	11	11.4	3	11	3	10.2
9/28/2021	1028	36130	--	13.5/11.5	11.5	13	37/34	38	4	12.7	10	10	8.5	10	7.5	13.2	4	12.8	4	10.5
9/28/2021	1230	36130	140	13.8/11.1	11.5	13.3	37/36	34	5	12.7	8.5	9.8	7.5	10	5	13.4	4	13	4	10
12/14/2021	945	36905	40	13.5/12.0	12.4	13	40/34	31.5	4	12.6	8	13.2	0	0	5	13.2	9.5	12.7	5	13.2
3/9/2022	1230	37361	--	13.5/12.0	12.5	13	33/28	9.5	0	13	6.5	8.5	--	--	0	13.5	2	12.5	1	11.5
6/21/2022	837	37869	75	13.3/13.3	13.6	12.8	35/31	14	2	12.5	6	10.5	2	4	0	13.2	4	12	0	12.5
9/27/2022	900	38235	70	15/15.5	15.9	14.5	40/33	16	2	14	6	12.5	2	10.9	2	14.5	4	13	0	15
12/15/2022	910	38638	40	15.2/16.6	17.1	15	37/32	17.5	5	14.5	5.5	13.6	1	12	1	15.4	3	15	2	16
12/15/2022	1315	38638	--	--	16.5	14.8	--	--	--	14.5	--	13.4	--	12	--	15.2	--	14.6	--	15.6

Notes:

AS	air sparge well
cfm	cubic feet per minute
F	degrees fahrenheit
Press.	pressure
psi	pounds per square inch
Temp.	temperature
Vac.	vacuum
--	reading not taken

TABLE 5

Emissions Data

Date	SVE hour meter reading	Run Time (hours)	GRO conc (ug/m^3)	Flow Rate (cfm)	Emitted GRO within period (lbs)	Cumulative GRO emitted (lbs)
12/12/2019	32647	19	9,780,000	146	102	102
1/20/2020	33496	868	2,140,000	145	2748	2,850
2/18/2020	34189	1561	759,000	193	727	3,577
5/6/2020	34299	1671	241,000	119	25	3,601
8/18/2020	36460	3832	264,000	154	315	3,916
12/8/2020	38386	5758	216,000	138	239	4,155
3/23/2021	40580	7952	105,000	182	240	4,395
6/15/2021	42453	9825	79,900	134	87	4,482
9/28/2021	43658	11030	42,000	150	41	4,523
12/14/2021	45272	12644	1,520	180	24	4,547
3/9/2022	47239	14611	94,700	158	56	4,603
6/21/2022	48501	15873	69,200	180	70	4,673
9/27/2022	51173	18545	234,000	190	288	4,961
12/15/2022	52974	20346	43,100	150	140	5,102
3/15/2023	projected	22506	19,525	150	38	5,140
6/13/2023		24666	12,676	150	20	5,159
9/11/2023		26826	8,229	150	13	5,172
12/10/2023		28986	5,343	150	8	5,180
3/9/2024		31146	3,468	150	5	5,185
6/7/2024		33306	2,252	150	3	5,189

Notes:

cfm	cubic feet per minute
GRO	gasoline range organics
lbs	pounds
ug/m^3	micrograms per cubic meter

CHART 1
Largo Compressor Station Emissions

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	241602
	Action Number: 314781
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2021/2022 Groundwater Monitoring and SVE Extraction Emissions Sampling Submittals 1&2: Content Satisfactory. 1. Please submit the stage 1 abatement plan and the draft public notice to NMOCD for review. 2. Reduction in sampling event frequency to annual is approved for the following monitoring wells: MW-6, MW-9, MW-32, MW-34, MW-38, MW-39, MW-40R, MW-41, MW-50, MW-51, MW-52, MW-75, MW-76, MW-77, MW-79, MW-80, and MW-83. 3. Continue groundwater monitoring at the frequency prescribed for the remaining monitoring wells. semi-annually. 4. Continue to operate SVE system and conduct O&M as scheduled. 5. Submit the next Groundwater monitoring report by April 1, 2025.	4/22/2024