Enterprise Products

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

ENTERPRISE PRODUCTS OPERATING LLC

October 15, 2025

Electronic Submittal via OCD portal

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

Re: ***Stage 1 Groundwater Abatement Work Plan*** **(Tetra Tech, October 9, 2025)**
Enterprise Products Operating LLC
P.O Box 4324, Houston TX 77210-4324
TW Products Rocky Mountain Brown Line Release, Lea County, NM
Unit Letter O, Section 16, Township 14S, Range 35E
Incident Number: nAPP2512439394

To Whom it May Concern:

Enterprise Products Operating LLC (Enterprise) submits herein an electronic copy of the above referenced report prepared by Tetra Tech, Inc. (Tetra Tech) dated October 9, 2025. This Stage 1 Groundwater Abatement Work Plan (Work Plan) is a revision of the revised Site Characterization and Delineation Work Plan prepared by GHD Services, Inc. (GHD) dated September 25, 2025. Tetra Tech revised the Work Plan based upon comments received from the OCD dated October 6, 2025. This report is associated with the TW Products Rocky Mountain Brown Line Release that was identified on May 4, 2025 in Lea County, New Mexico (hereinafter referred to as "the Site").

Should you have any questions, comments, or concerns, or need additional information regarding this Site, please contact Valerie Phipps via email at vphipps@eprod.com, or via phone at 713-863-5060.

Sincerely,

Valerie Phipps
Staff Engineer, Environmental

Tucker Jacobson
Senior Manager, Environmental

ec: NMSLO – eco@nmslo.gov, Tami Knight, David Gallegos, and Becky Griffin
NM Energy, Minerals and Natural Resources Department – Ashley Maxwell
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TETRA TECH

October 9, 2025

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

Re: Stage 1 Groundwater Abatement Work Plan
TW Products Rocky Mountain Brown Line Release
Unit Letter O, Section 16, Township 14 South, Range 35 East
Lea County, New Mexico
Incident ID# nAPP2512439394

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech), on behalf of Enterprise Products Operating, LLC (Enterprise), has prepared this Stage 1 Groundwater Abatement Work Plan. This Stage 1 Groundwater Abatement Work Plan (Work Plan) is a revision of the revised Site Characterization and Delineation Work Plan prepared by GHD Services, Inc. (GHD) dated September 25, 2025. Tetra Tech revised the Work Plan based upon comments received from the OCD dated October 6, 2025. This Work Plan is associated with the TW Products Rocky Mountain Brown Line Release located at 33.099816, -103.410090, in Unit O, Section 16, Township 14 South, Range 35 East, in Lea County, New Mexico (Site). The surface owner at the Site is New Mexico State Trust Land. **Attachment 1** provides GHD **Figure 1** depicting the Site location.

PURPOSE

The purpose of this Work Plan is to provide details pertaining to the release initial response, site assessment activities, Site characterization, and Site setting as required by 19.15.30 New Mexico Administrative Code (NMAC) in the area affected by the TW Products Pipeline release. This Work Plan proposes additional delineation and monitoring activities and proposes a schedule to complete delineation activities in accordance with 19.15.30 NMAC and New Mexico State Land Office (NMSLO) right of entry (ROE) permit RE-7558, authorized on May 23, 2025. Subsequent to the successful completion and agency approval of delineation activities, a Stage 2 Abatement Plan will be developed to address the remediation of constituents of concern (COCs) remaining at the Site in excess of the applicable closure criteria.

Additionally, this Work Plan details a groundwater investigation that will include the installation and sampling of a groundwater monitoring well network at the Site, which will adequately define site groundwater conditions and provide the data necessary to select and design effective groundwater abatement options.

BACKGROUND

Release Details

On May 4, 2025, Enterprise identified a pipeline release of approximately 81 barrels (bbls) of refined product (gasoline) released from the pipeline into the surrounding pasture, impacting soil adjacent to the release point. Approximately 5 bbls of product were recovered during the initial response. Enterprise notified the NMOCD via submission of a C-141N Notification of Release (NOR) on May 4, 2025. A C-141V Initial Release Notification was subsequently submitted to the NMOCD on May 6, 2025. The NMOCD assigned the release Incident ID nAPP2512439394.

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GHD identified light non-aqueous phase liquid (NAPL) at the groundwater interface in several of the borings during the course of conducting soil delineation activities. Soil moisture and free product were reportedly encountered at a depth between 27 to 29 feet below ground surface (bgs). **Attachment 1** provides GHD **Figure 1, which shows** the Site with the release location.

SITE CHARACTERIZATION

Geology

The Site is located on the Ogallala Formation. According to reference materials from the New Mexico Geological Society, the thickness of the Ogallala varies between 0 and 350 feet (ft), featuring an upper caliche layer that ranges from several feet up to 60 feet thick. These variations in overall thickness are primarily attributed to inconsistencies in the underlying depositional surface, rather than to subsequent erosional processes. The irregularities originate from eroded stream channels incised into Tertiary-and Cretaceous-age rocks by ancestral streams prior to the deposition of the Ogallala. Such erosional channels can locally increase the thickness of the Ogallala Formation, which generally trends southeast. Beneath the caliche layer are interbedded deposits of fine- to medium-grained sand and gravel, accounting for the remainder of the Ogallala's thickness. These sand and gravel layers serve as the primary water-bearing strata within the formation. Underlying Cretaceous and Triassic rocks act as impermeable barriers, restricting further downward movement of groundwater.

Based on the GHD investigation, soils at the Site generally consisted of caliche and sandstone. A shallow groundwater-bearing unit was encountered by GHD between 25 and 29 feet below ground surface bgs in the light brown sandstone observed at 25 ft bgs.

Hydrogeology

The Ogallala Aquifer is primarily composed of the Ogallala Formation, comprised of sand, gravel, silt, and clay fluvial deposits (New Mexico Bureau of Geology and Mineral Resources, 2018). The Ogallala Aquifer is the primary aquifer beneath the Site. The aquifer and its associated formation extend across the majority of Lea County. In other regions of the county, the Ogallala yields only limited amounts of water to wells. The aquifer is an unconfined aquifer with recharge from direct infiltration of precipitation and infiltration from losing streams and rivers. groundwater within the Ogallala typically flows east-southeast due to gravitational forces, following the dip of the Ogallala beds and the surface of the underlying confining unit. (USGS, 2025a)

Surface Water Hydrology

The United States Geological Survey (USGS) 2023 topographic map for the Hillburn City SW, NM, quadrangle shows the site is situated on a relatively flat area at an elevation of approximately 4,025 feet above mean sea level (AMSL). The topography slopes gently to the east-southeast toward New Mexico State Highway 206, approximately 1.4 miles to the east.

No significant water courses are mapped by the USGS, United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI), or the NM OCD Oil and Gas Map online. The 2023 topographic map shows the end of an intermittent stream approximately 0.23 miles northwest of the Site, while the NWI mapper shows a Riverine Intermittent Streambed Intermittently Flooded (R4SBJ) wetland mapped at the release point and running from northwest to southeast across the Site and an intermittent Freshwater Pond (PUSJ) is mapped approximately 0.18 miles northeast of the Site by both the USGS and NWI.

Based on the topographic gradient at the site and mapped water features, the primary source of any surface water that could potentially be present at the Site would be precipitation. Precipitation is anticipated to infiltrate into the ground and create surface runoff. Precipitation infiltration is anticipated to penetrate through surface soils and

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recharge the unconsolidated Ogallala aquifer beneath the Site, shown by GHD to be approximately 27 to 29 feet bgs at the Site. Surface runoff is anticipated to flow to the unnamed intermittent stream and flow to the southeast toward an excavated freshwater pond approximately 0.81 miles southeast of the Site, where the intermittent stream terminates.

Receptors

Tetra Tech performed a site characterization for the release location. It did not identify any significant watercourses, sinkholes, playas, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, incorporated municipal boundaries, subsurface mines, or floodplains within the distances specified in 19.15.29.11 NMAC. Based on a review of the NMOCD Mapper, the site is in an area of low karst potential. The site characterization data is included in **Attachment 2**.

Depth to Groundwater

A search of the New Mexico Office of the State Engineer (NMOSE) and USGS groundwater databases was completed to determine the proximity of known water sources within a half-mile radius of the Site. The approximate groundwater depth was determined in the area using published water well data. Groundwater well L-05277 was identified approximately 0.3 miles southeast of the release location with a depth to groundwater listed as 38 feet below ground surface (bgs) recorded in 1977. Additionally, GHD site assessment activities identified groundwater at the site approximately 25 to 27 feet bgs at the Site in soil borings advanced at the Site in June 2025. Soil boring logs from the GHD investigation are provided in **Attachment 3.**

Wetlands

Readily available data were reviewed to determine the site's status regarding wetland designation or the existence of potential wetlands. The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Wetlands Interactive Mapper and the New Mexico OpenEnviroMap were queried to determine if any potential wetlands are mapped near the remediation location. Based on the NWI and OpenEnviroMap review, the Site is identified as having a Riverine Intermittent Streambed Intermittently Flooded (R4SBJ) wetland mapped at the release point and running from northwest to southeast across the Site.

Soils

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), the Site is mapped with a predominant soil type of Kimbrough and Arch loams, characterized as shallow to moderately deep, well-drained, sandy clay and gravelly loam, and over a petrocalcic horizon. These soils are not considered sensitive according to the NMSLO definition of sensitive soils.

Soil Closure Criteria

The Site was characterized to assess the applicability of Table 1 below, Closure Criteria for Soils Impacted by a Release, of T19.15.29.12 NMAC.

According to the Site characterization evaluation, the Site is located within 300 feet of an NWI-mapped wetland, and groundwater has been demonstrated as less than 50 feet bgs at the Site. closure criteria are listed below:

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Table 1: Closure Criteria for Soils Impacted by a Release

Regulatory Standard	Benzene	BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	Chloride
19.19.29.12 NMAC Table I	10	50	-	100	600
19.19.29.13 NMAC	10	50	-	100	600

Notes:
- not defined
TPH: total petroleum hydrocarbons
GRO+DRO+MRO: Gasoline Range Organics + Diesel Range Organics + Motor Oil/Lube Range Organics BTEX: benzene, toluene, ethylbenzene, and xylenes

Cultural Properties Protection

GHD engaged Environmental Research Group (ERG) to conduct an intensive cultural resources survey of the 4-acre area surrounding the release on May 22, 2025. At that time, no cultural resources were observed. Based on initial assessment and delineation activities, ERG performed an additional cultural survey on July 3, 2025. The July 3, 2025, visit consisted of a 37.81-acre parcel, which encompassed the original 4-acre area and beyond. The cover sheets for the completed surveys are provided in **Attachment 4**.

Biologically Sensitive Areas

GHD conducted a desktop review to evaluate whether the Site is located within or near areas of environmental or biological sensitivity. The review considered the presence of threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and sensitive soils. Key findings are summarized below.

- A review of the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) resources indicated that the New Mexico BISON-M Golden Eagle Distribution Map shows the Site is located within the wintering grounds for the golden eagle. No tree vegetation is located within or immediately adjacent to the Site, and the remediation activities are taking place outside of the wintering season for the golden eagle. Therefore, no impacts to this species are anticipated as a result of the clean-up efforts.
- According to the Bureau of Land Management (BLM) Plant & Wildlife Habitat Map, the Site is located within a Lesser Prairie Chicken (LPC) habitat.
- The New Mexico Department of Game and Fish Environmental Review Tool (ERT) identifies the Site as a crucial level 3 habitat for wetland and riparian areas.
- The Site is located within the historical range of the LPC and is also located within an NMSLO Candidate Conservation Agreement with Assurances (CCAA) area.

GHD conducted a field visit to supplement the desktop review and confirm habitat characteristics on June 25, 2025. Key findings are summarized below:

- The Site contains mixed scrub-shrub and shortgrass prairie habitat, which has the potential to be suitable habitat for the lesser prairie-chicken. No individuals of this species were observed during the reconnaissance. Additionally, the Site is located within a potentially suitable habitat for the Western burrowing owl and two species of prairie dogs; however, Site reconnaissance suggests no active habitation of these species currently.

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- Understanding that all clean-up activities, including the removal of vegetation, must comply with the Endangered Species Act, Migratory Bird Treaty Act, and Bald and Golden Eagle Protection Act.

Mitigation Activities

The following mitigation measures are proposed to minimize the potential impacts of remediation and cleanup activities proposed within this Work Plan:

- While no wildlife was observed on-site during the initial remediation effort, if any prairie dogs and/or burrowing owls are observed during work activities, work should cease and a GHD biologist should be consulted to implement appropriate avoidance measures and coordinate with New Mexico Department of Game and Fish (NMDGF) and or USFWS prior to resuming work.
- For protection of the lesser prairie-chicken, remediation efforts will be conducted outside of the 03:00 to 09:00 hours during the breeding season (March 1 through June 15). Additionally, should any individuals of this species be encountered during clean-up activities, work should cease, and a biologist should be consulted to coordinate with the USFWS.
- Compliance with the CCAA includes the following efforts: habitat restoration, Site reclamation, and revegetation using native species. To protect LPC populations, construction and remediation activities will be avoided during the breeding, nesting, and early brood-rearing seasons. From March 1 through June 15, no remediation activities will occur between the hours of 03:00 and 09:00.
- Due to the area being a mix of shrub and shortgrass prairie, no tree vegetation removal is anticipated as part of the Site remediation; however, should remediation efforts require the removal of potential migratory bird or eagle nesting vegetation, a survey for active nests should be conducted prior to clearing.
- If any cultural materials are encountered during the remediation process, work will be halted, and NMSLO archaeologists will be notified.

INITIAL RESPONSE AND REMEDIATION

Following the discovery of the release, Enterprise personnel were dispatched to the Site to stop the release, manage released fluids, and begin pipeline repair. Before any earth-disturbing activities were conducted outside of the pipeline ROW, Enterprise contacted the NMSLO to acquire a ROE permit to authorize access for cultural resource surveys, environmental investigation, and reclamation at the Site. On May 23, 2025, NMSLO executed permit RE-7558, beginning the period of 180 days for which the permit would be active. ERG was then contacted to conduct a cultural resources review and subsequent survey of the location.

The pipeline was excavated and repaired by May 6, 2025. Excavated soil was transported off-site to an NMOCD-approved facility for disposal. Soil confirmation samples were collected from the limits of the pipeline excavation near the release point. Eight (8) wall samples (EX-W-01 through EX-W-08) and four (4) floor samples (EX-B-01 through EX-B-04) were collected from the halfway point along the excavation wall or zero to four inches below the base of the excavation, respectively.

Soil samples were placed directly into laboratory-provided containers, which were immediately labeled, sealed, and stored in a cooler on ice prior to transport to Eurofins Laboratory (Eurofins) in Midland, Texas for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX) by the United States Environmental Protection Agency (EPA) SW846 Method 8260D and TPH by EPA SW46 Method 8015B Modified. Laboratory analytical results for the confirmation samples reported concentrations of Total BTEX and Total TPH as greater than the respective Table I Closure Criteria in samples collected from EX-B1, EX-B-02, EX-B-03, EX-W-04, and EX-B-08. Benzene was also reported as greater than Table 1 Closure Criteria in EX-B-01.

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SITE ASSESSMENT ACTIVITIES

On May 08, 2025, GHD and Savage Drilling (Savage) mobilized to the Site to delineate the vertical extent of impact within the pipeline ROW. Four (4) soil borings (SB-01 through SB-04) were advanced to refusal, between 11 and 14 feet bgs, using direct push technology (DPT).

GHD staff retrieved soil material from the core barrel acetate sleeves and logged for lithology, soil type, color, texture, and grain size in accordance with the Unified Soil Classification System (USCS). Other physical characteristics, as applicable, were recorded on field boring logs; these included general recovery and unique sample characteristics, such as inclusions, staining, and detectable odors. Additionally, field screening was performed for each foot of sample retrieved from the boring(s) using a photoionization detector (PID).

GHD and Savage returned to the Site on June 7, 2025, to further assess and delineate the lateral and vertical extent of impacted soil. Twelve (12) soil borings (SB-05 through SB-16) were advanced up to 29 ft bgs using air rotary drilling methodology. Light non-aqueous phase liquid (LNAPL) was encountered at approximately 25 feet bgs in soil borings SB-05 through SB-14.

Collected soil samples were placed directly into laboratory-provided containers, which were immediately labeled, sealed, and stored in a cooler on ice prior to transport to Eurofins in Midland, Texas for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX) by the United States Environmental Protection Agency (EPA) SW846 Method 8260D, and TPH by EPA SW46 Method 8015B Modified.

Laboratory analytical results reported concentrations of benzene, Total BTEX, and Total TPH as greater than Table 1 Closure Criteria in various samples collected from SB 01, SB 05, SB-06, SB-07, SB-08, and SB-14 reported concentrations of benzene, Total BTEX and/or Total TPH as greater than Table I Closure Criteria indicated as shown in GHD Table 1 provided in **Attachment 1**.

GHD Figure 2 shows soil boring locations, and GHD Table 1 presents analytical results screened against closure criteria. Both are provided in Attachment 1. Laboratory analytical reports are provided in Attachment 5. The stratigraphic boring logs are included in **Attachment 3**.

Groundwater Gradient

During the GHD Site assessment, the groundwater bearing zone was identified in soil borings SB 05 through SB 14, ranging from 24 feet bgs to 27 feet bgs, as shown in the bore logs in **Attachment 3**. Based on the relatively flat topographic gradient at the site of less than one foot of relief and the reported depth to waters in the boring logs, groundwater is anticipated to flow toward the northwest with a shallow groundwater gradient. Based on currently available data, using the depth of groundwater at SB 09 (24 feet bgs) and SB 27 (27 feet bgs), indicates the greatest hydraulic gradient at the site currently would be 0.01111 feet per foot.

Contaminant Migration

The Ogallala Aquifer is primarily composed of unconsolidated sediments consisting of sand, silt, clay, and gravel deposited by alluvial fans, fluvial systems, and eolian deposition. (New Mexico Bureau of Geology & Mineral Resources, 2025). The Ogallala Aquifer has been characterized by the USGS with hydraulic conductivities (k) of between 10 to 30 feet per day for unconsolidated sand and gravel portions of the aquifer (McAda, 1984) and with effective porosities between 0.15 and 0.20 (McAda, 1984).

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For the purpose of initial estimates of contaminant migration, the average value of the published range will be assumed for both hydraulic conductivity (20 feet per day) and effective porosity will be assumed on the high end of the published range (0.20). Darcy's Law states $v = (K \cdot i)/n$ where:

v = groundwater velocity;
K = hydraulic conductivity;
i = hydraulic gradient; and
n = effective porosity.

Therefore, to calculate the estimated velocity of groundwater, and therefore dissolved phase hydrocarbon migration:

v = (20 feet/day · 0.01111 feet/feet)/0.20 = 1.11 feet/day.

WORK PLAN

To further delineate soil impacts and assess groundwater impacts in the vicinity of the Site, Enterprise proposes to conduct additional soil borings and sampling and install a network of monitoring wells to facilitate groundwater sampling and groundwater level measurements.

Soil Boring

Seventeen (17) soil borings are proposed to be advanced up to 40 feet bgs utilizing sonic drilling methodology by a licensed State of New Mexico Water Well Driller. Soil borings will be advanced in locations to further evaluate potential soil and groundwater petroleum hydrocarbon impacts. Soil samples will be collected continuously from soil cores retrieved from the sonic drilling core barrel to document lithology, color, relative moisture content, and visual or olfactory evidence of impacts. Soil cores will be screened with a PID by placing material into a sealed, single-use, zipper storage bag, and then inserting the PID probe bag to measure volatile organic compounds (VOCs) concentrations within the headspace of the bag.

Non-disposable sampling and drilling equipment will be decontaminated using an Alconox® or Liquinox® wash and potable water rinse prior to commencement of the project and between the advancement of each soil boring. A minimum of three (3) soil samples will be collected for laboratory analysis from each soil boring from some combination of the following intervals:

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

Soil samples collected for laboratory analysis will be analyzed for BTEX by EPA SW846 Method 8260D, TPH by EPA SW46 Method 8015B Modified, and chloride by EPA Method 300 or 4500-Cl-B.

Well Installation

Subsequent to completion, soil borings MW-01 through MW-12 and RW-01 through RW-03 will be completed as permanent monitoring and recovery wells to allow for the evaluation of the initial groundwater-bearing unit and to facilitate LNAPL recovery. The monitoring/recovery wells will be completed in accordance with NMSLO Technical Report 2025_001 as follows:

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- Installation of 15 feet of 2-inch diameter, machine-slotted (0.010 inch) Schedule 40 polyvinyl chloride (PVC) well screen assembly with a threaded bottom plug. Wells will be screened 5 feet above the water table and 10 feet below.
- Installation of Schedule 40 PVC riser pipe to the surface.
- Addition of graded silica sand for annular sand pack around the well screen from the bottom of the well to 5 feet above the top of the screen.
- Placement of 3 to 5 feet of hydrated bentonite above the sand.
- Addition of a cement/bentonite slurry to the surface.
- Installation of a concrete well pad and an above-grade steel riser with an integrated padlock clasp.

Soil borings SVE-01 and SVE-02 will be completed as soil vapor extraction (SVE) wells as follows:

- Installation of 5 to 10 feet of 2-inch diameter, machine-slotted (0.010 inch) Schedule 40 PVC well screen assembly with a threaded bottom plug. Wells will be screened 5 feet above the water table.
- Installation of Schedule 40 PVC riser pipe to the surface.
- Addition of graded silica sand for annular sand pack around the well screen from the bottom of the well to 5 feet above the top of the screen.
- Placement of 3 to 5 feet of hydrated bentonite above the sand.
- Addition of a cement/bentonite slurry to the surface.
- Installation of a concrete well pad and an above-grade steel riser with an integrated padlock clasp.

Upon completion, all monitoring and SVE wells will be developed by surging and removing groundwater until the fluid appears relatively free of fine-grained sediment. Groundwater samples will be collected following development and groundwater recharge (24 to 48 hours) utilizing low-flow or bailer sampling techniques.

GHD Figures 4 and 5, provided in **Attachment 1**, show monitoring/recovery and SVE well construction details.

Groundwater Sampling

Newly installed monitoring wells MW-01 through MW-12 and RW-01 through RW-03 will be gauged using an oil/water interface probe to determine the static water level and to check for the presence and/or absence of LNAPL. To protect the monitoring wells from cross-contamination during the gauging, the oil/water interface probe will be decontaminated between each well using Alconox® or Liquinox® detergent and rinsed with distilled water.

Groundwater monitoring wells will be allowed to rest at least 48 hours after development. Prior to sampling, depth to water and total well depth will be measured at each well from the top of the well casing. If measurable Light Non-Aqueous Phase Liquid (LNAPL) is measured in any of the monitoring wells, those wells will not be sampled. Low-flow sampling techniques will then be utilized to purge and sample each well using a peristaltic pump and new disposable tubing in accordance with United States Environmental Protection Agency (EPA) guidance. Monitoring wells will be purged, and groundwater quality parameters, including temperature, pH, Specific Conductivity (SC), Dissolved Oxygen (DO), Oxygen Reduction Potential (ORP), and turbidity, will be recorded during purging in addition to well drawdown and flow rate. Once field parameters stabilize at each well, samples will be collected into laboratory-supplied sample containers. If the groundwater recharge rate does not support the low-flow method, a sample will be collected utilizing a new disposable bailer.

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Analytical Testing

Soil and groundwater samples will be collected into laboratory-provided, pre-preserved containers and immediately placed in a cooler on ice for preservation. Duplicate samples will be collected at a frequency of one (1) duplicate sampler per 10 primary samples. Samples will be submitted under Chain of Custody documentation to Pace Analytical Laboratory in Mt. Juliet, Tennessee, for analysis of the constituents prescribed by 20.6.2.3103 NMAC.

Quality Assurance/Quality Control

The text above identifies sampling and analytical techniques, which conform to the references identified in Subsection B of 20.6.2.3107 NMAC and with 20.6.4.14 NMAC of the water quality standards for interstate and intrastate surface waters in New Mexico.

Quality Assurance/Quality Control (QA/QC) samples will be collected at a rate of one field duplicate sample per 10 primary samples. QA/QC samples will be submitted for analysis of identical constituents as those of the parent sample. Field duplicate analytical results will be used to evaluate field sampling precision.

Mobile Dual Phase Extraction Pilot Test

A mobile-dual phase extraction (MDPE) pilot test will be conducted to evaluate the effectiveness of MDPE for enhanced LNAPL and soil vapor recovery at the Site. The objectives of the remedial pilot test are to:

- Approximate mass hydrocarbon removal rates in the free phase (LNAPL), soil vapor, and dissolved phases for each of the wells tested;
- Determine the extent to which an induced vacuum is measured in monitoring wells surrounding the extraction wells;
- Determine the area of pneumatic and hydraulic influence in monitoring wells surrounding the extraction wells; and
- Evaluate data collected during the pilot test to determine the effectiveness of this remediation option.

Reporting

A report will be prepared and submitted to the NMOCD detailing field activities, the results of the soil and groundwater investigation, and the outcome of the MDPE pilot test. The report will identify if soil impact delineation has been achieved, propose additional investigation as necessary, and include a Stage 2 Groundwater Abatement Work Plan or supplemental Stage 1 Groundwater Abatement investigation activities. The report will contain the following:

- Site geology and hydrogeology;
- Surface water hydrology, seasonal streamflow characteristics, and groundwater/surface water relationships;
- Vertical and horizontal extent and magnitude of vadose-zone and groundwater contamination;
- Subsurface hydraulic conductivity; transmissivity, storativity, and rate and direction of contaminant migration;
- Revised inventory of water wells inside and within one mile from the perimeter of the three-dimensional body where the standards set forth in Subsection C of 19.15.30.9 NMAC are exceeded; and
- Location and number of wells that the pollution actually or potentially affects;

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- Laboratory data summary tables;
- Required figures to include a site details map, groundwater elevation potentiometric surface map, and constituents of concern concentration isopleth map.

INVENTORY OF WELLS

Table 2 below summarizes the water wells identified within 1 mile of the presumed perimeter of the three-dimensional body of groundwater impacts in accordance with 19.15.30.13 C.2(a). None of the identified wells is currently suspected to be impacted by the release to groundwater at the Site. **Attachment 2** provides the NMOCD, NMOSE, and USGS well search results.

Table 2: Inventory of Water Wells within 1 Mile of Site

ID Number	Status/Use	Depth to Water (ft)	Owner	Distance/Direction
L 05277 S3	Plugged Irrigation	38	Patrick B McMahon	0.30 Miles SE
L 05277 POD5	Capped Irrigation	60	Patrick B McMahon	0.45 Miles SSE
L 00271	Active Irrigation	-	Kinsolving & Kinsolving	0.63 Miles WNW
L 00594 S	Active Irrigation	37	Kinsolving & Kinsolving	0.69 Miles SSW
L 05277S	Active Irrigation	28	Joan McMahon	0.74 Miles S
L 00594	Active Irrigation	42	Kinsolving & Kinsolving	0.75 Miles SW
L 05277	Active Irrigation	32	Joan McMahon	0.74 Miles SSE
L 05277 S2	Active Irrigation	33	Joan McMahon	0.74 Miles SSE
L 05048 S	Active Prospecting	95	B L McFarland Inc.	1.00 Miles NW
330553103241501	Inactive USGS	43.99	USGS	0.32 Miles SE
330511103245801	Inactive USGS	33.30	USGS	0.68 Miles SW
330601103251301	Inactive USGS	33.08	USGS	0.74 Miles NW
330543103252201	Inactive USGS	41.05	USGS	0.93 Miles WSW

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PUBLIC NOTICE AND PARTICIPATION

In accordance with 19.15.30.15 NMAC Public Notice and Participation, Tetra Tech searched for surface owners of record within one mile of known groundwater contamination at the Site. **Table 3** summarizes the identified properties.

Table 3: Inventory of Properties within 1 Mile of Site

Lea County Property Code	Owner	Address of Record
4205081265134 4205081267398 4206080267266 4206081333223 4207080221222	New Mexico State Trust Land	310 Old Santa Fe Trail Santa Fe, NM 87501
4000341790001 4000336690001 4900301153212 4000359920001 4000359910001	Angell #2 Family Ltd Partnership	P.O. Box 190 Lovington, NM 88260
4000705760002 4000705750003 4000705760001 4000343640003 4000343640002	Limestone Livestock, LLC	P.O. Box 189 Lovington, NM 88260
4000347460001	Denning, Larry E Etux	51 Kidd Road McDonald, NM 88262
4000337810001	Witley, Patsy I.	25 W Leman Road Lovington, NM 88260
4000352710001	Angell, Darr Living Trust	P.O. Box 190 Lovington, NM 88260

The above property owners, along with the Lea County Commission and the New Mexico trustee for natural resources, will need to be given written notice of the Stage 1 groundwater abatement plan before public notice in accordance with 19.15.30.15A NMAC. Written notice will consist of letters containing the Public Notice of Abatement information provided in **Attachment 6**.

Upon NMOCD approval of this groundwater abatement work plan, Enterprise will issue the NMOCD-approved public notice in the following newspapers:

- Lea County Tribune, a newspaper in general circulation in Lea County, New Mexico, covering Hobbs, Lovington, and Lea County, New Mexico; and
- Albuquerque Journal, in general circulation across New Mexico.

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PROPOSED SCHEDULE

Public Notice

Within 15 days after the division determines that this Stage 1 Groundwater Abatement Work Plan is administratively complete, Enterprise will issue the finalized version of the Draft Public Notice in the newspapers specified above.

Monitoring Well Permitting

Following administrative approval of this Work Plan and upon publication of Public Notice, within 1 week, Enterprise will apply to the NMSLO for permission to complete soil boring and monitoring well installations described above. Upon NMSLO approval, Enterprise will prepare a WR-07 Application for Permit to Drill a Well with No Water Right form for the proposed soil borings and monitoring wells. The WR-07 Application will be submitted to the New Mexico Office of the State Engineer (OSE) to obtain a permit to drill wells for non-consumptive purposes within 1 week of receipt of NMSLO permission. Permitting is anticipated to take three to four weeks and be issued by the end of November 2025.

Soil Sampling, Well Installation, and Groundwater Sampling

Upon receipt of permits from the OSE, Enterprise will schedule a State of New Mexico licensed water well driller to complete the soil borings and soil sampling, install the monitoring well and remediation well network, develop newly installed monitoring wells, survey the new monitoring wells, and conduct the first round of groundwater sampling, to be completed within 90 days of issuance of the NMOSE permit. This is anticipated to be complete before February 28, 2026. Laboratory analysis is expected to take three weeks based on the analytical methods required to analyze for Radium-226 and Radium-228.

Mobile Dual Phase Extraction Pilot Test

Enterprise will schedule its remediation contractor to conduct the MDPE pilot test within three weeks of completion of the first groundwater monitoring event.

Ongoing Groundwater Monitoring and Reporting

Subsequent to well installation, Enterprise proposes to conduct quarterly groundwater sampling from the newly installed monitoring well network wells MW-01 through MW-12 and RW-01 through RW-03. Sampling is proposed to be conducted in each of the four calendar year quarters following the initial sampling, per the following:

- Quarter 1: January through March;
- Quarter 2: April through June;
- Quarter 3: July through September; and
- Quarter 4: October through December.

Quarterly groundwater monitoring will begin once monitoring wells are installed, which will constitute the first quarterly sampling event at the Site under groundwater abatement.

Reporting

Within three (3) weeks of the completion of the MDPE pilot test and receipt of final laboratory analytical results, a report detailing field activities, the soil and groundwater investigation, and the MDPE pilot test results will be prepared and submitted to the NMOCD. The report will contain the required information prescribed by 19.15.30.13 NMAC as described above.

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In accordance with NMAC 19.15.30.13 C. (5), Enterprise will provide the NMOCD with quarterly progress reports of the Stage 1 Abatement Plan implementation beginning 30 days after the approval and initiation of the Stage 1 activities. At this time, the quarterly progress reports are anticipated to begin in January 2025.

Comprehensive annual reports will be prepared, providing figures, laboratory analytical data, summary tables, and other supplementary information, as necessary. The annual report will also include summaries of any remedial activities performed during the calendar year under approved Stage 1 or Stage 2 groundwater abatement plans. Reports will be submitted to the NMOCD no later than March 31 of the following calendar year.

CONCLUSION

Enterprise believes the above-proposed State 1 Groundwater Abatement activities are sufficient to perform a supplementary soil assessment for delineation of soil impacts and an initial assessment and delineation of groundwater impacts at the Site. The Work Plan will provide groundwater monitoring points and data required to prepare a Stage 2 Groundwater Abatement Work Plan. If you have any questions or feedback concerning the proposed remediation activities for the Site, please contact Charles Terhune by email at chuck.terhune@tetratech.com or by phone at (832)-252-2093.

Sincerely,

Charles H. Terhune IV, P.G.
Program Manager
Tetra Tech, Inc.

Chris Straub
Project Manager
Tetra Tech, Inc.

cc: Enterprise Products Operating LLC
New Mexico State Land Office

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REFERENCES

Hendrickson, G. and Jones, R. (1952). *Geology and Ground-Water Resources of Eddy County, New Mexico*. Available at: https://geoinfo.nmt.edu/publications/water/gw/3/GW3.pdf [Accessed October 7, 2024].

McAda, D.P. (1984). *Projected Water-Level Declines in the Ogallala Aquifer in Lea County, New Mexico.* Available at: https://pubs.usgs.gov/publication/wri844062 [Accessed October 7, 2025]

New Mexico Water Science Center. (2024) *Surface-Water Information and Data*. Available at: https://nm.water.usgs.gov/infodata/surfacewater.html [Accessed October 7, 2025].

United States Geological Survey. (2025a). *Saturated Thickness Mapping of the Southern High Plains Aquifer in Eastern New Mexico.* Available at: https://www.usgs.gov/centers/new-mexico-water-science-center/science/saturated-thickness-mapping-southern-high-plains [Accessed October 7, 2025]

United States Geological Survey. (2025b). *National Water Information System (NWIS) Mapper.* Available at: https://www.usgs.gov/tools/national-water-information-system-nwis-mapper [Accessed October 7, 2025]

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LIST OF ATTACHMENTS

Attachment

Attachment 1 – GHD Figures and Tables
Attachment 2 – Site Characterization Data
Attachment 3 – Soil Boring Logs
Attachment 4 – Cultural Resource Surveys
Attachment 5 – Laboratory Data Packages
Attachment 6 – Draft Public Notice

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ATTACHMENT 1 – GHD FIGURES AND TABLES

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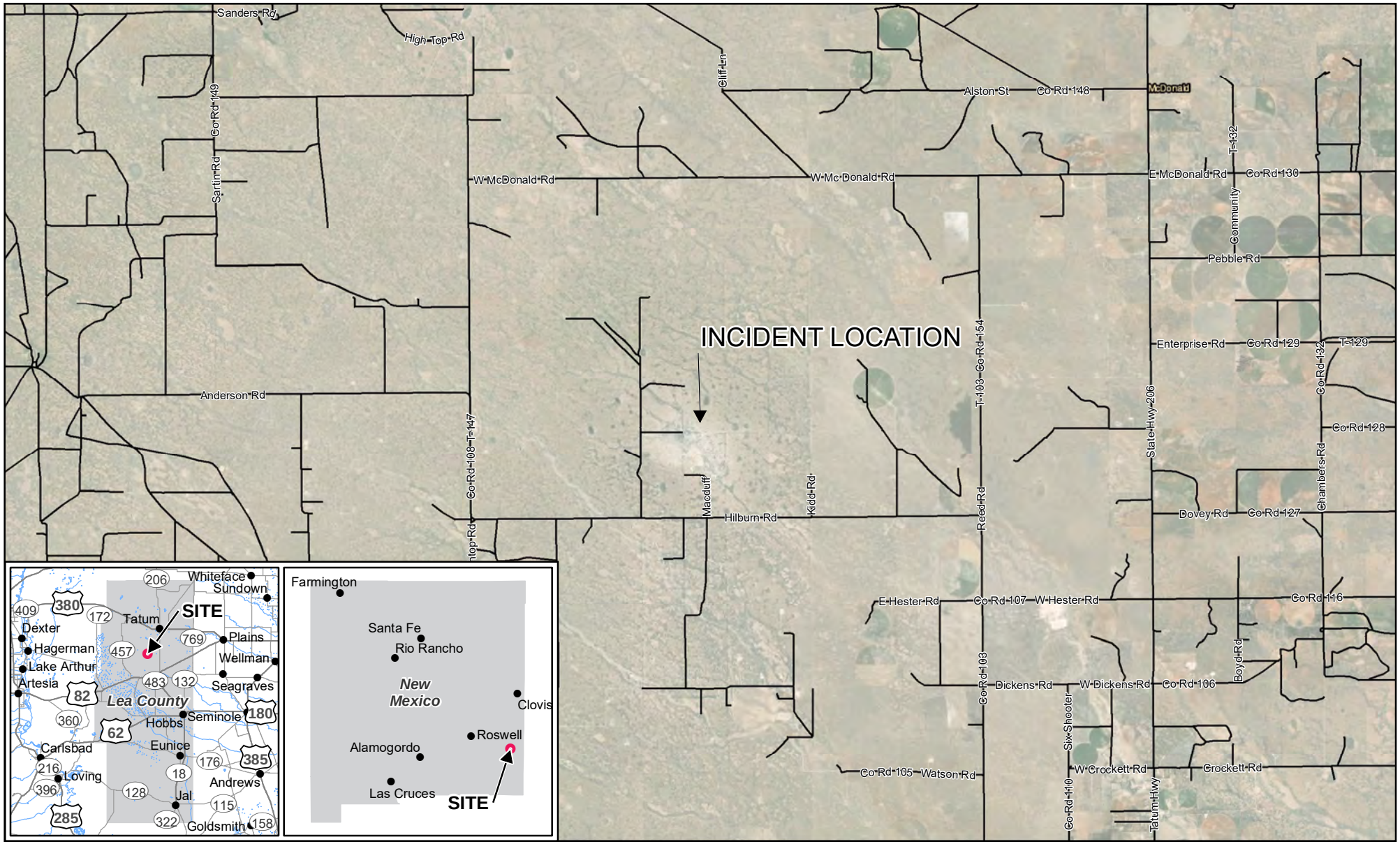


Paper Size ANSI A

0 0.5 1 1.5 2

Miles

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001

N

GHD

TW PRODUCTS PIPELINE RELEASE
ENTERPRISE PRODUCTS OPERATING LLC
LEA COUNTY, NEW MEXICO RELEASE

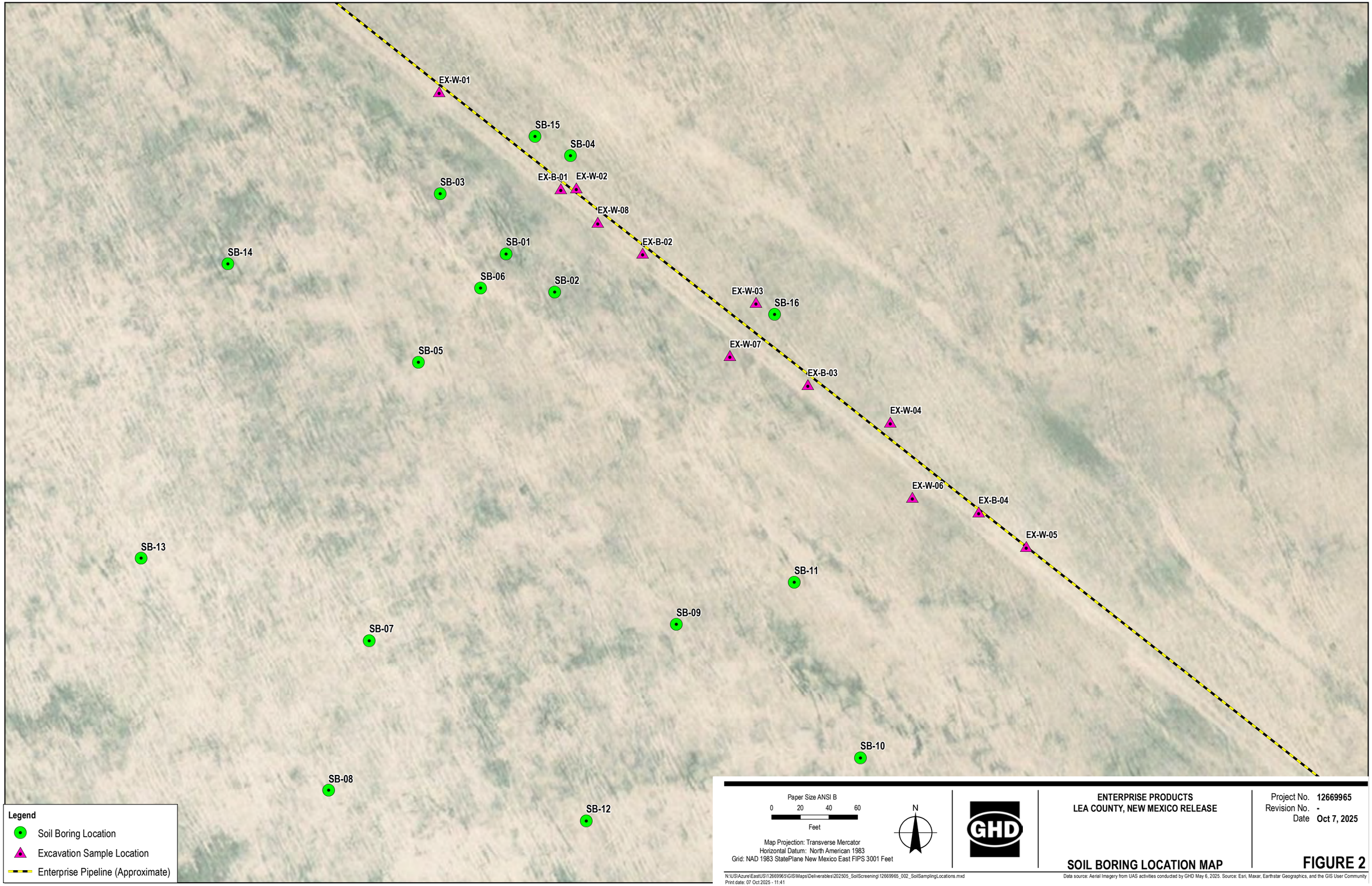
Project No. **12669965**
Revision No. **-**
Date **May 05, 2025**

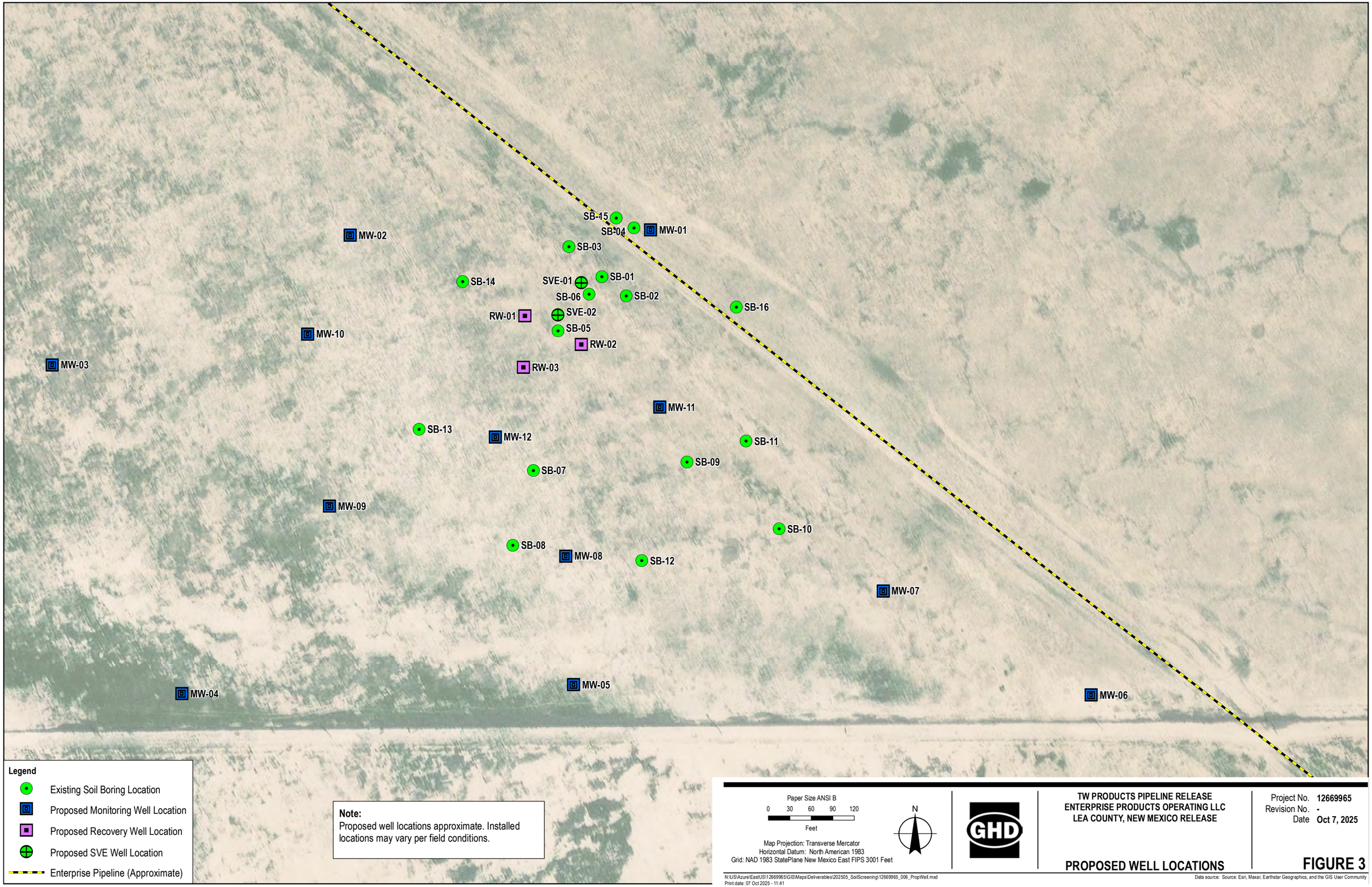
SITE LOCATION MAP

FIGURE 1

Q:\GIS\PROJECTS\12669000s\12669965\GIS\Maps\Deliverables\202505_ReceptorsPackage\12669965_001_SiteLocation_NM.mxd
Print date: 05 May 2025 - 12:29

Data source: 2015 TIGER/Line Shapefiles, prepared by the U.S. Census Bureau, 2015; U.S. Geological Survey, National Geospatial Technical Operations Center - National Elevation Dataset, 2015; ESRI Base Data, 2008; Hydrography data from USGS National Hydrography Dataset (NHD) Best Resolution 20171223 for New Mexico State or Territory FileGDB 10.1 Model Version 2.2.1. Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.


EX-W-01
SB-15
SB-04
SB-03
EX-B-01
EX-W-02
EX-W-08
SB-01
EX-B-02
SB-14
SB-06
SB-02
EX-W-03
SB-16
EX-W-07
SB-05
EX-B-03
EX-W-04
EX-W-06
EX-B-04
EX-W-05
SB-13
SB-11
SB-09
SB-07
SB-10
SB-08
SB-12
Legend
Soil Boring Location
Excavation Sample Location
Enterprise Pipeline (Approximate)
Paper Size ANSI B
0 20 40 60
Feet
N
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
GHD
ENTERPRISE PRODUCTS
LEA COUNTY, NEW MEXICO RELEASE
SOIL BORING LOCATION MAP
Project No. 12669965
Revision No. -
Date Oct 7, 2025
FIGURE 2
N:\US\Azure\EastUS\12669965\GIS\Maps\Deliverables\202505_SoilScreening\12669965_002_SoilSamplingLocations.mxd
Print date: 07 Oct 2025 - 11:41
Data source: Aerial Imagery from UAS activities conducted by GHD May 6, 2025. Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community


SB-15
SB-04
MW-01
MW-02
SB-03
SB-14
SVE-01
SB-01
SB-06
SB-02
SB-16
RW-01
SVE-02
SB-05
MW-10
RW-02
MW-03
RW-03
MW-11
SB-13
MW-12
SB-11
SB-09
SB-07
MW-09
SB-10
SB-08
MW-08
SB-12
MW-07
MW-04
MW-05
MW-06
Legend
Existing Soil Boring Location
Proposed Monitoring Well Location
Proposed Recovery Well Location
Proposed SVE Well Location
Enterprise Pipeline (Approximate)
Note:
Proposed well locations approximate. Installed locations may vary per field conditions.
Paper Size ANSI B
0 30 60 90 120
Feet
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
N
GHD
TW PRODUCTS PIPELINE RELEASE
ENTERPRISE PRODUCTS OPERATING LLC
LEA COUNTY, NEW MEXICO RELEASE
PROPOSED WELL LOCATIONS
Project No. 12669965
Revision No. -
Date Oct 7, 2025
FIGURE 3
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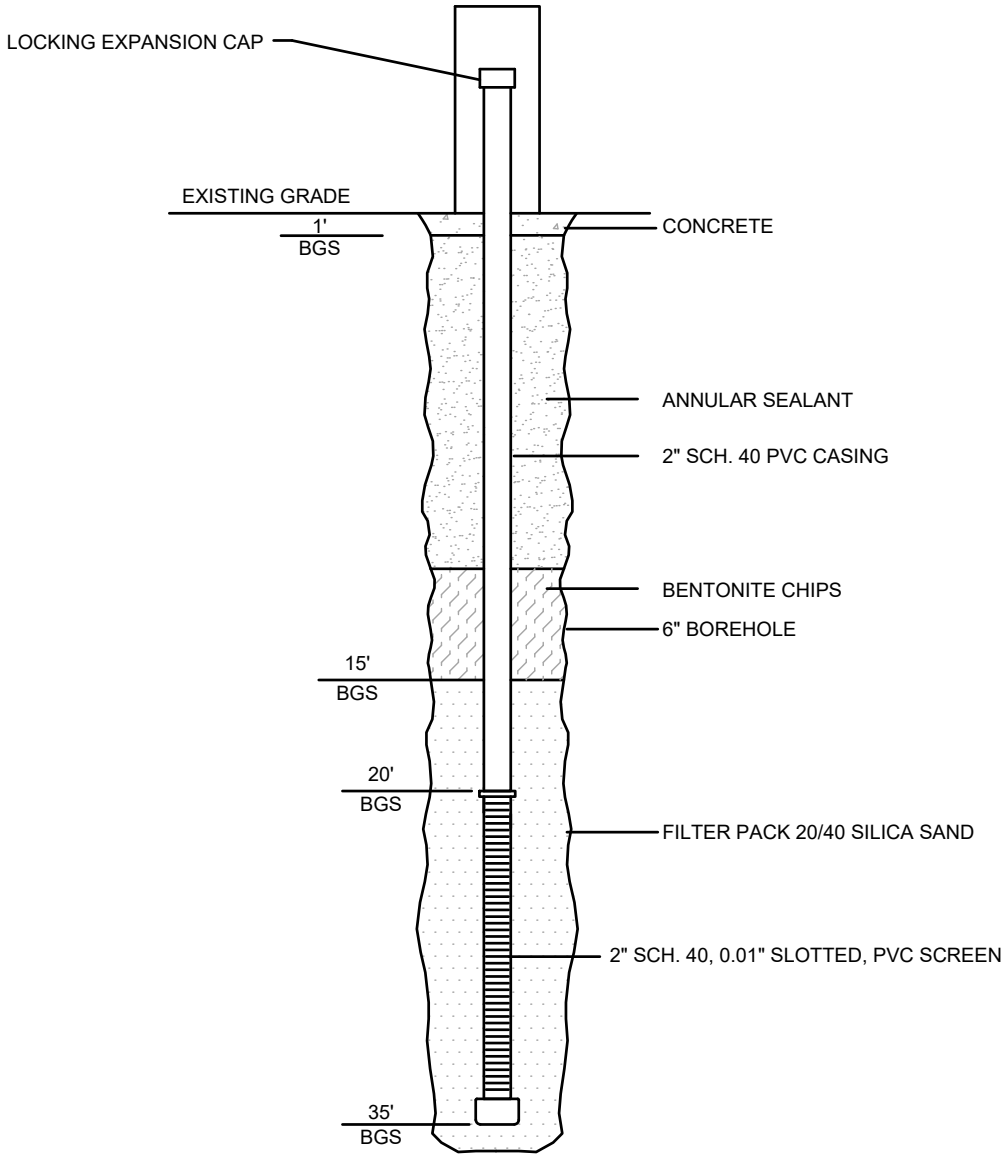
Data source: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



MONITORING/RECOVERY WELL DETAIL

NOT TO SCALE

NOTE:
STICK-UP (~3ft) WITH LOCK AT
EXISTING GRADE
BGS - BELOW GROUND SURFACE

ENTERPRISE PRODUCTS OPERATING LLC
TW PRODUCTS PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Project No. **12669965**
Date **September 2025**

MONITORING WELL DETAIL

FIGURE 4

Filename: C:\ADSK\ACCDocs\GHD Services Pty Ltd\11230862-Enviro Proje\Project Files\12669965\01 WIP\Env\Figures\PRE001\12669965-GHD-00-00-PRE-EN-D103_WA-001.dwg
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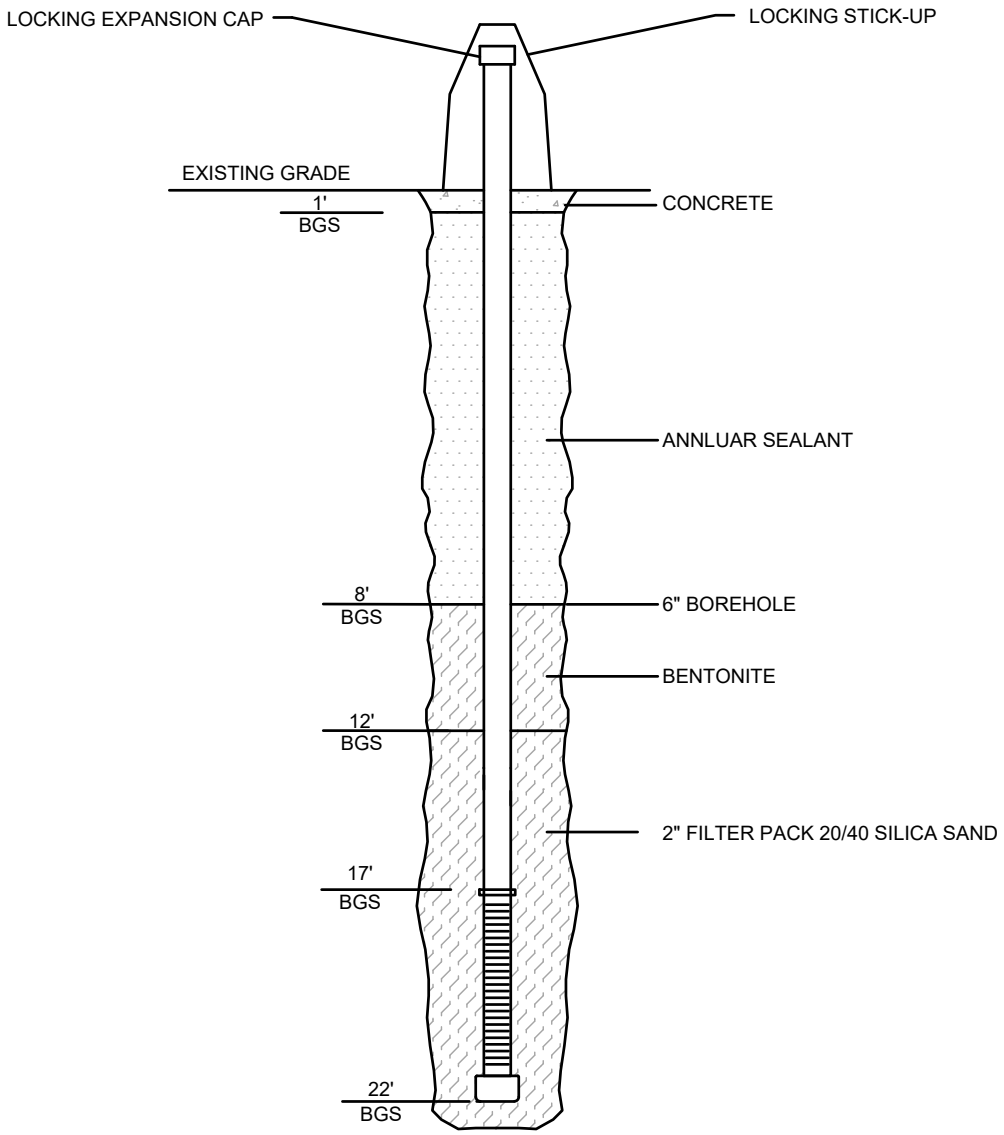

SVE WELL DETAIL

NOT TO SCALE

NOTE:
STICK-UP (~3ft) WITH LOCK AT EXISTING GRADE
BGS - BELOW GROUND SURFACE

ENTERPRISE PRODUCTS OPERATING LLC
TW PRODUCTS PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Project No. 12669965
Date September 2025

SVE WELL DETAIL

FIGURE 5

Filename: C:\ADSK\ACCDocs\GHD Services Pty Ltd\11230862-Enviro Proje\Project Files\12669965\01 WIP\Env\Figures\PRE001\12669965-GHD-00-00-PRE-EN-D101_WA-001.dwg
Plotted by: [illegible] September 2025 - [illegible]

Table 1

Summary of Soil Analytical Data
TW Products Pipeline Release
Enterprise Products Operating LLC
Lea County, New Mexico

Sample Name	Depth (ft bgs)	Date	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Total Xylenes mg/kg	Total BTEX mg/kg	TPH (C_6-C_{10}) mg/kg	TPH (C_{10}-C_{28}) mg/kg	TPH (C_{28}-C_{36}) mg/kg	Total TPH (C_6-C_{35}) mg/kg	Chloride mg/kg
Closure Criteria for Soils Impacted by a Release <50 feet (19.15.29.12)			**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
Restoration Requirements within 0 - 4 ft bgs (19.15.29.13)			**10**	**NE**	**NE**	**NE**	**50**	**NE**	**NE**	**NE**	**100**	**600**
EX-B-01	5	05/08/25	**90.4**	771	259	1,110	**2,230**	9,240	2,410	<49.9	**11,700**	NA
EX-B-02	5	05/08/25	<1.98	<9.90	5.49	61.3	**66.79**	354	2,950	<49.9	**3,300**	NA
EX-B-03	5	05/08/25	4.16	98.9	37.2	258	**398.26**	501	181	<50.0	**682**	NA
EX-B-04	5	05/08/25	<0.00100	<0.00500	<0.00100	<0.00200	<0.00500	<49.8	<49.8	<49.8	<49.8	NA
EX-W-01	2.5	05/08/25	<0.00101	<0.00503	<0.00101	<0.00201	<0.00503	<49.7	<49.7	<49.7	<49.7	NA
EX-W-02	2.5	05/08/25	<0.000990	<0.00495	<0.000990	<0.00198	<0.00495	<45.9	<45.9	<45.9	<45.9	NA
EX-W-03	2.5	05/08/25	<0.00100	<0.00501	<0.00100	<0.00200	<0.00501	<50.0	<50.0	<50.0	<50.0	NA
EX-W-04	2.5	05/08/25	2.73	104	53.1	432	**591.83**	4,610	13,600	<49.5	**18,200**	NA
EX-W-05	2.5	05/08/25	<0.000990	<0.00495	<0.000990	<0.00198	<0.00495	<49.9	<49.9	<49.9	<49.9	NA
EX-W-06	2.5	05/08/25	<0.00100	<0.00502	<0.00100	<0.00201	<0.00502	<49.7	<49.7	<49.7	<49.7	NA
EX-W-07	2.5	05/08/25	<0.000992	<0.00496	<0.000992	<0.00198	<0.00496	<49.9	<49.9	<49.9	<49.9	NA
EX-W-08	2.5	05/08/25	<1.99	57.3	36.8	224	**318.10**	283	1,050	<49.8	**1,330**	NA
SB 01	9-10	05/08/25	**145**	1,930	567	2,990	**5,632**	70,500	6,660	<49.8	**77,200**	NA
	12-13	05/08/25	**458**	3,940	965	4,930	**10,293**	105,000	9,200	<50.0	**114,000**	NA
SB 02	9-10	05/08/25	<0.000994	<0.00497	<0.000994	<0.00199	<0.00497	<49.8	<49.8	<49.8	<49.8	NA
	10-11	05/08/25	<0.00101	<0.00505	<0.00101	0.0085	0.0085	<49.7	<49.7	<49.7	<49.7	NA
SB 03	9-10	05/08/25	<0.000990	<0.00495	<0.000990	<0.00198	<0.00495	<49.7	<49.7	<49.7	<49.7	NA
	11-12	05/08/25	<0.00100	<0.00502	<0.00100	<0.00201	<0.00502	<49.9	<49.9	<49.9	<49.9	NA
SB 04	4-5	05/08/25	<0.00100	<0.00502	<0.00100	<0.00201	<0.00502	<49.7	<49.7	<49.7	<49.7	NA
	13-14	05/08/25	<0.00101	<0.00503	<0.00101	<0.00201	<0.00503	<49.8	<49.8	<49.8	<49.8	NA
SB 05	9-10	06/17/25	<1.00	<5.02	13.8	96.6	**110**	5,060	54,000	<499	**59,000**	113
	14-15	06/17/25	<1.01	<5.05	1.16	8.16	9.32	1,430	20,700	<498	**22,100**	17.6
SB 06	14-15	06/17/25	**18.8**	185	55.6	716	**844**	15,500	28,500	<500	**44,000**	211
	19-20	06/17/25	1.43	30.9	20.0	129	**182**	2,480	12,100	<500	**14,600**	189
	24-25	06/17/25	<1.00	9.47	4.72	31.5	45.7	920	5,520	<50.3	**6,440**	71.0
SB 07	24-25	06/17/25	<1.00	1.89	1.49	9.73	13.1	<49.7	294	<49.7	**294**	106
SB 08	14-15	06/18/25	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	41.9
	24-25	06/18/25	<0.0503	<0.252	<0.0503	0.310	0.310	<49.8	363	<49.8	**363**	<9.60
SB 09	14-15	06/18/25	<0.0495	<0.248	<0.0495	<0.0990	<0.0990	<49.9	<49.9	<49.9	<49.9	10.6
SB 10	14-15	06/18/25	<0.0497	<0.249	<0.0497	<0.0994	<0.0994	<49.9	<49.9	<49.9	<49.9	11.0
	24-25	06/18/25	<0.0497	<0.249	<0.0497	<0.0994	<0.0994	<49.7	<49.7	<49.7	<49.7	<9.94
SB 11	19-20	06/18/25	<0.0497	<0.249	<0.0497	<0.0994	<0.0994	<50.0	<50.0	<50.0	<50.0	9.82
SB 12	19-20	06/18/25	<0.0496	<0.248	<0.0496	<0.0992	<0.0992	<49.7	<49.7	<49.7	<49.7	<9.33
	24-25	06/18/25	<0.0496	<0.248	<0.0496	<0.0992	<0.0992	<49.6	<49.6	<49.6	<49.6	<9.33
SB 13	14-20	06/19/25	<0.0500	<0.250	<0.0500	<0.100	<0.100	<49.9	<49.9	<49.9	<49.9	94.6
SB 14	14-15	06/19/25	<0.0502	<0.251	<0.0502	<0.100	<0.100	<50.0	<50.0	<50.0	<50.0	75.4
	24-25	06/19/25	<0.0502	0.489	0.683	5.32	6.49	78.3	747	<49.8	**825**	70.4
SB 15	19-20	06/20/25	<0.0498	<0.249	<0.0498	<0.0996	<0.0996	<50.2	<50.2	<50.2	<50.2	105
	24-25	06/20/25	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	146
SB 16	14-15	06/20/25	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	124
	19-20	06/20/25	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	<49.7	<49.7	<49.7	<49.7	143

Notes:
1. Analytical results are presented in milligrams per kilogram (mg/kg)
2. BTEX analyzed using Method 8260D; Chlorides analyzed using Method 300
3. TPH analyzed using Method 8015B
4. < indicates analyte not detected at or above the reporting limit
5. NE = Not Established; NA = Not Analyzed; ft bgs = feet below ground surface

Received by OCD: 10/17/2025 9:23:24 AM

ATTACHMENT 2 – SITE CHARACTERIZATION DATA

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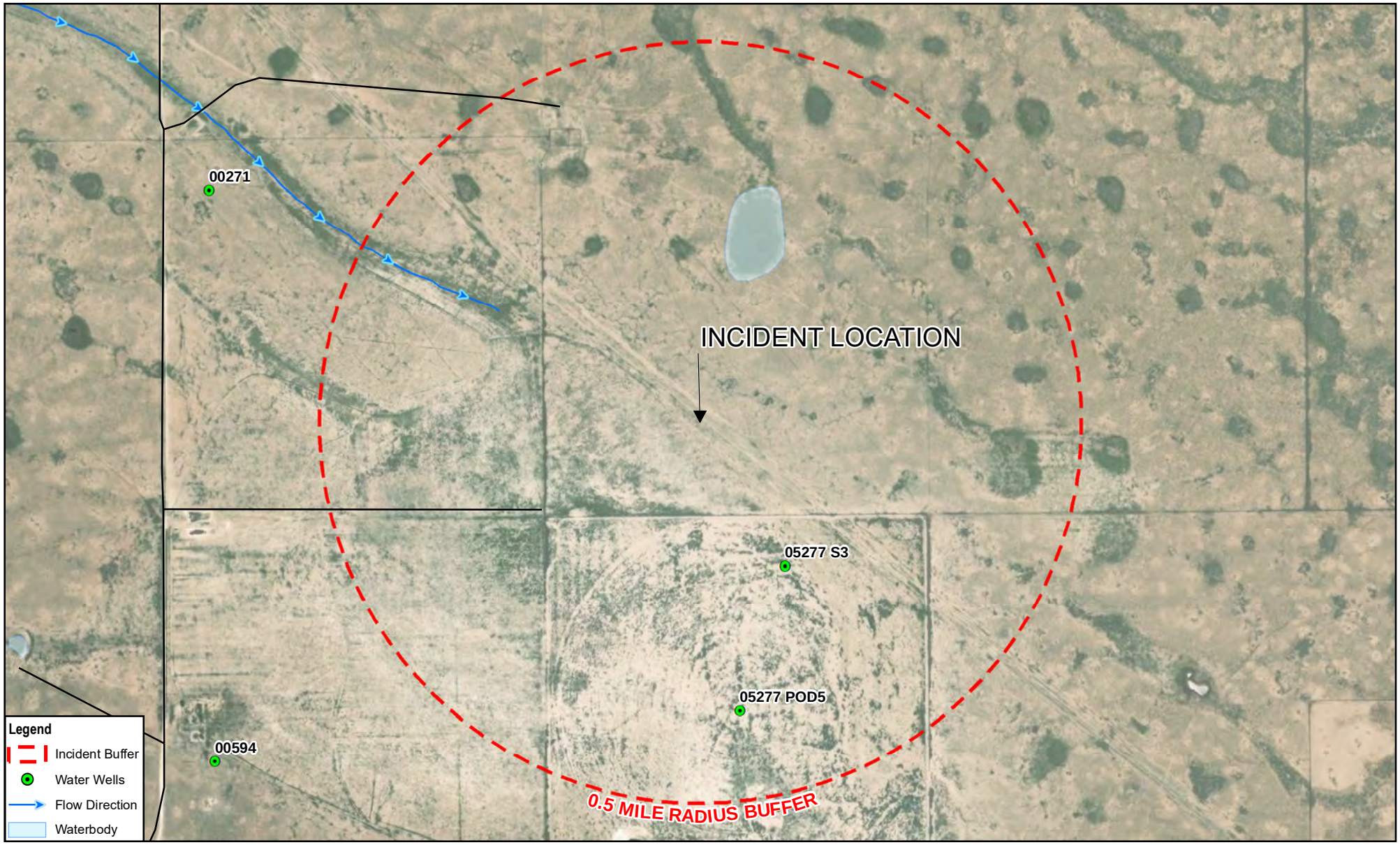

Paper Size ANSI A

0 250 500 750 1,000

Feet

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001

N

GHD

ENTERPRISE PRODUCTS
LEA COUNTY, NEW MEXICO RELEASE

WATER WELLS

Project No. **12669965**
Revision No. **-**
Date **May 05, 2025**

Q:\GIS\PROJECTS\12669000s\12669965\GIS\Maps\Deliverables\202505_ReceptorsPackage\12669965_006_WaterWells.mxd
Print date: 05 May 2025 - 15:14

Data source: U.S. Fish & Wildlife Service, 2023. TIGER Road Network. Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community. New Mexico OSE.

Wells With Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)				(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)		(meters)	
POD Number	**Code**	**Sub basin**	**County**	**Source**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Range**	**X**	**Y**	**Distance**	**Star**
L 05277 S3		L	LE	Shallow	NW	NE	NE	21	14S	35E	648649.0	3663104.0 *	469	197
L 05277 POD5		L	LE	Shallow			NE	21	14S	35E	648555.0	3662798.0 *	705	198
L 00271		L	LE	Shallow	NW	NW	SW	16	14S	35E	647427.0	3663890.0 *	1023	194
L 00594 S		L	LE	Shallow	SW	SE	NW	21	14S	35E	647850.0	3662489.0 *	1113	195
L 05277 S		L	LE	Shallow	NW	NW	SE	21	14S	35E	648259.0	3662293.0 *	1188	196
L 00594		L	LE	Shallow	NW	SW	NW	21	14S	35E	647447.0	3662683.0 *	1212	193
L 05277		L	LE	Shallow	NW	NE	SE	21	14S	35E	648662.0	3662299.0 *	1215	196
L 05277 S2		L	LE	Shallow	NW	NE	SE	21	14S	35E	648662.0	3662299.0 *	1215	197

Record Count: 8

Basin/County Search:
Basin: L
County: LE

UTM Filters (in meters):
Easting: 648363.05
Northing: 3663476.95
Radius: 1600

*** UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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Form WR-23

SANTA FE

STATE ENGINEER OFFICE W # 1

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

TRN: 504361

Section 1

(Plat of 640 acres)

(A) Owner of well: W. A. Anderson

Street and Number: 701 West Ave A

City: Lovington State: New Mexico

Well was drilled under Permit No. 5277 and is located in the SW ¼ NE ¼ ¼ of Section 21 Twp. 14 Rge. 35E

(B) Drilling Contractor: C. O. Aldredge License No. WD 79

Street and Number: Box 379

City: Lovington State: New Mexico

Drilling was commenced: March 22 19 65

Drilling was completed: April 2 19 65

Elevation at top of casing in feet above sea level: Total depth of well: 90

State whether well is shallow or artesian: shallow Depth to water upon completion: 32

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	32	55	23	Light Water Sand
2	55	70	15	Good Water Sand
3				
4				
5				

STATE ENGINEER OFFICE SANTA FE, N. M. 1965 JUL 19 AM 10 09

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
			Not Cased					

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
		16			3 sacks of drilling mud used to hold back sand while drilling well

Section 5 PLUGGING RECORD

Name of Plugging Contractor: License No.

Street and Number: City: State:

Tons of Clay used: Tons of Roughage used: Type of roughage:

Plugging method used: Date Plugged: 19

Plugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received: ✓

STATE ENGINEER OFFICE DISTRICT II POSTMARK 1965 JUN -1 AM 8:20

File No. L-5277 Use Irr + Dom. Location No. 14.35.21.230

Section 6

LOG OF WELL

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color	Type of Material Encountered
0	2	2	Brown	Top Soil
2	20	18	White	Calichie Rock
20	32	12	Brown	Sandy Clay
32	55	23	Brown	Light Water Sand
55	70	15	Light Brown	Good Water Sand
70	90	20	Gray	Soft Sandy Clay

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

C. P. Aldredge
Well Driller

USGS
science for a changing world

National Water Information System: Mapper

Sites | Map

Search

Surface-Water Sites

Groundwater Sites

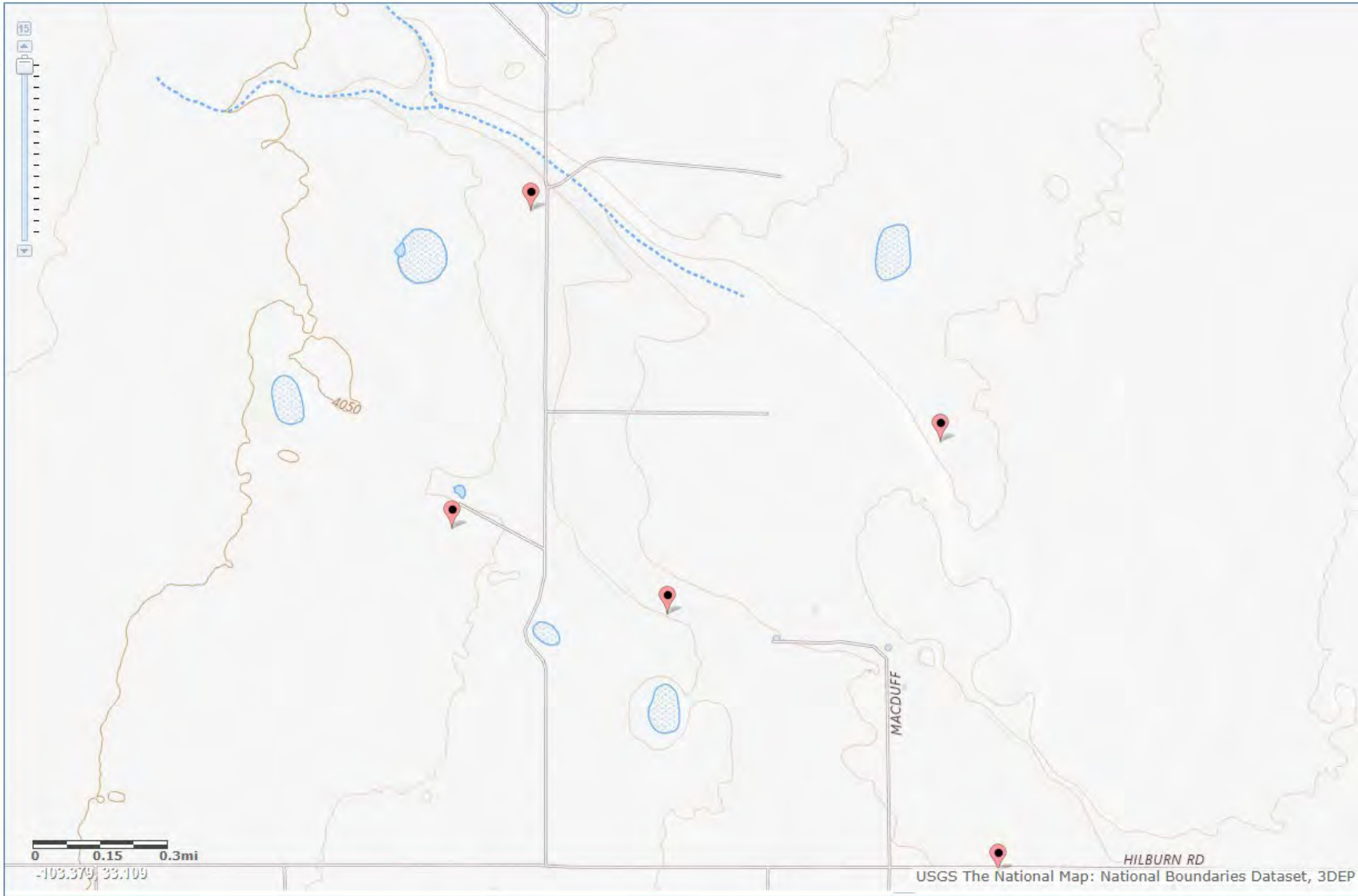
Active Sites
- Any data
- Instantaneous data
- Daily data
- Water-quality data
- Measurements
- Annual Report

Inactive Sites
- Any data
- Instantaneous data
- Daily data
- Water-quality data
- Measurements
- Annual Report

Springs

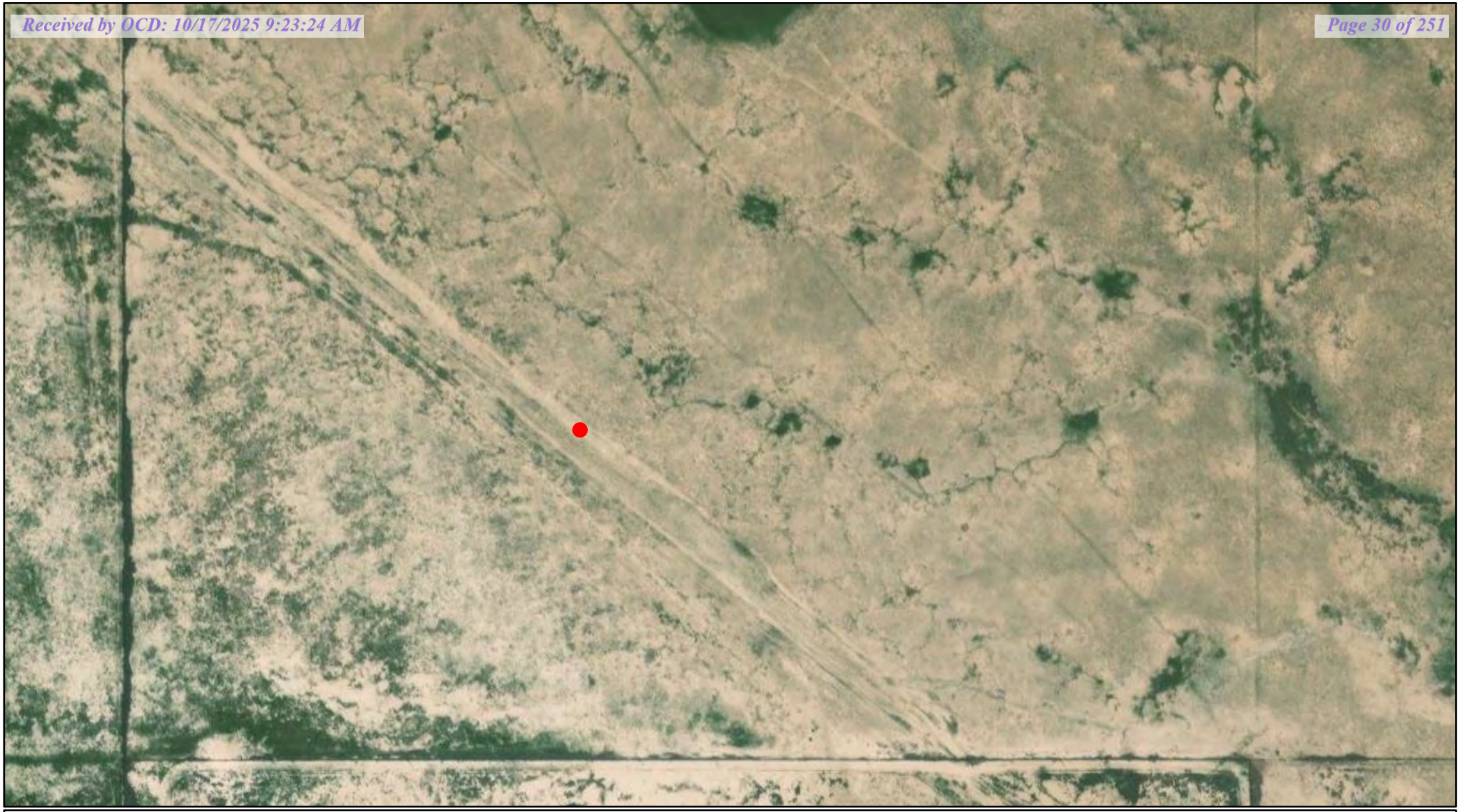
Atmospheric Sites

Other Sites



Site Information

Received by OCD: 10/17/2025 9:23:24 AM



Enterprise Products NMSLO Karst Mapper

0 0.03 0.05 0.1 mi

N

New Mexico State Land Office

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

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Map Created: 5/9/2025

User drawn points

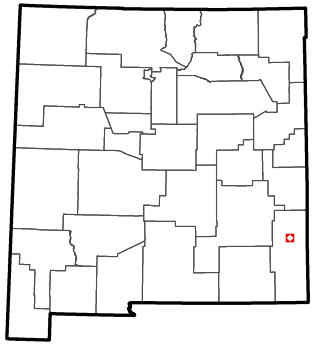
Karst_Potential_NM

Potential

Critical

High

Medium



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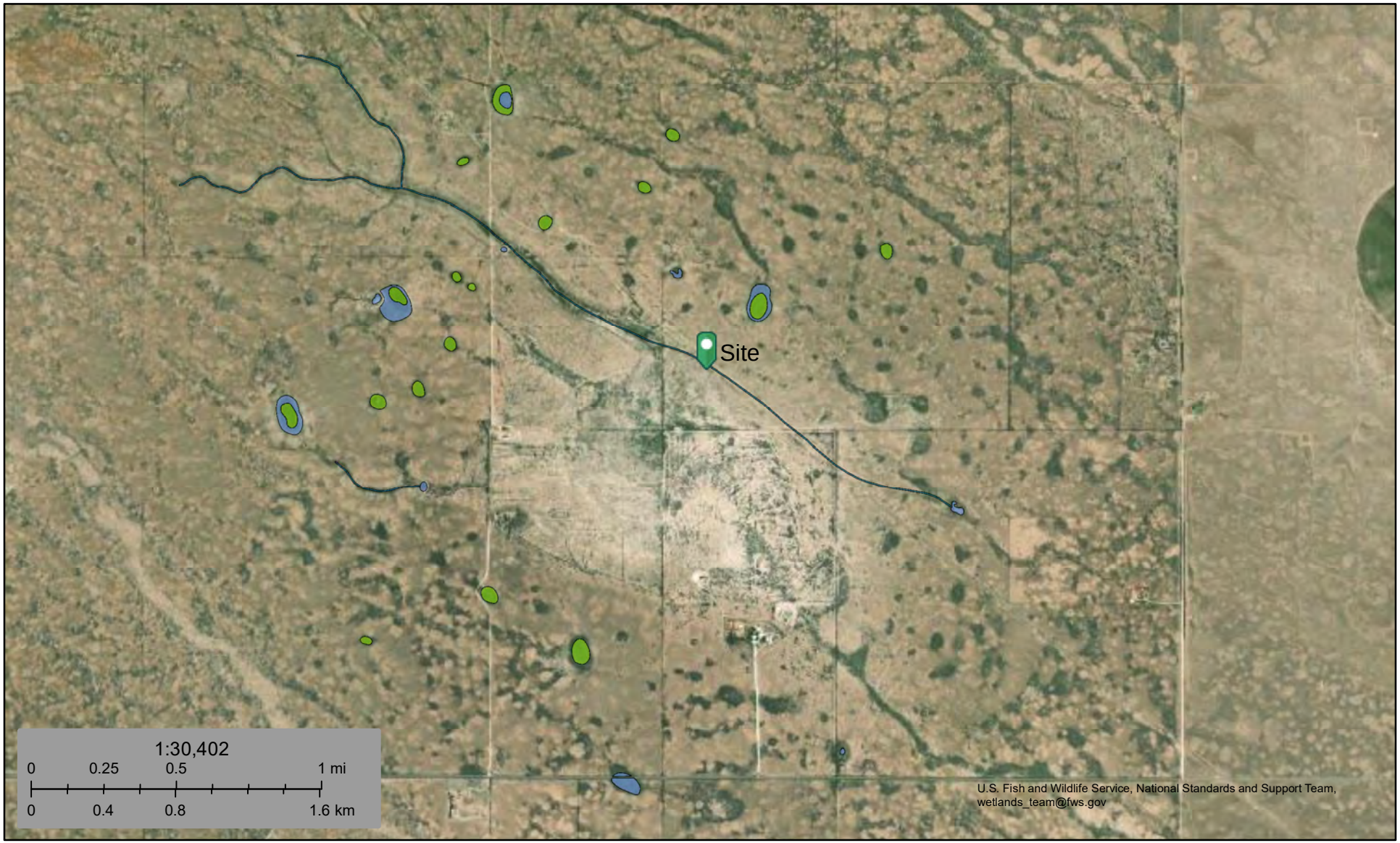
U.S. Fish and Wildlife Service
National Wetlands Inventory

NWI Wetlands



October 7, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

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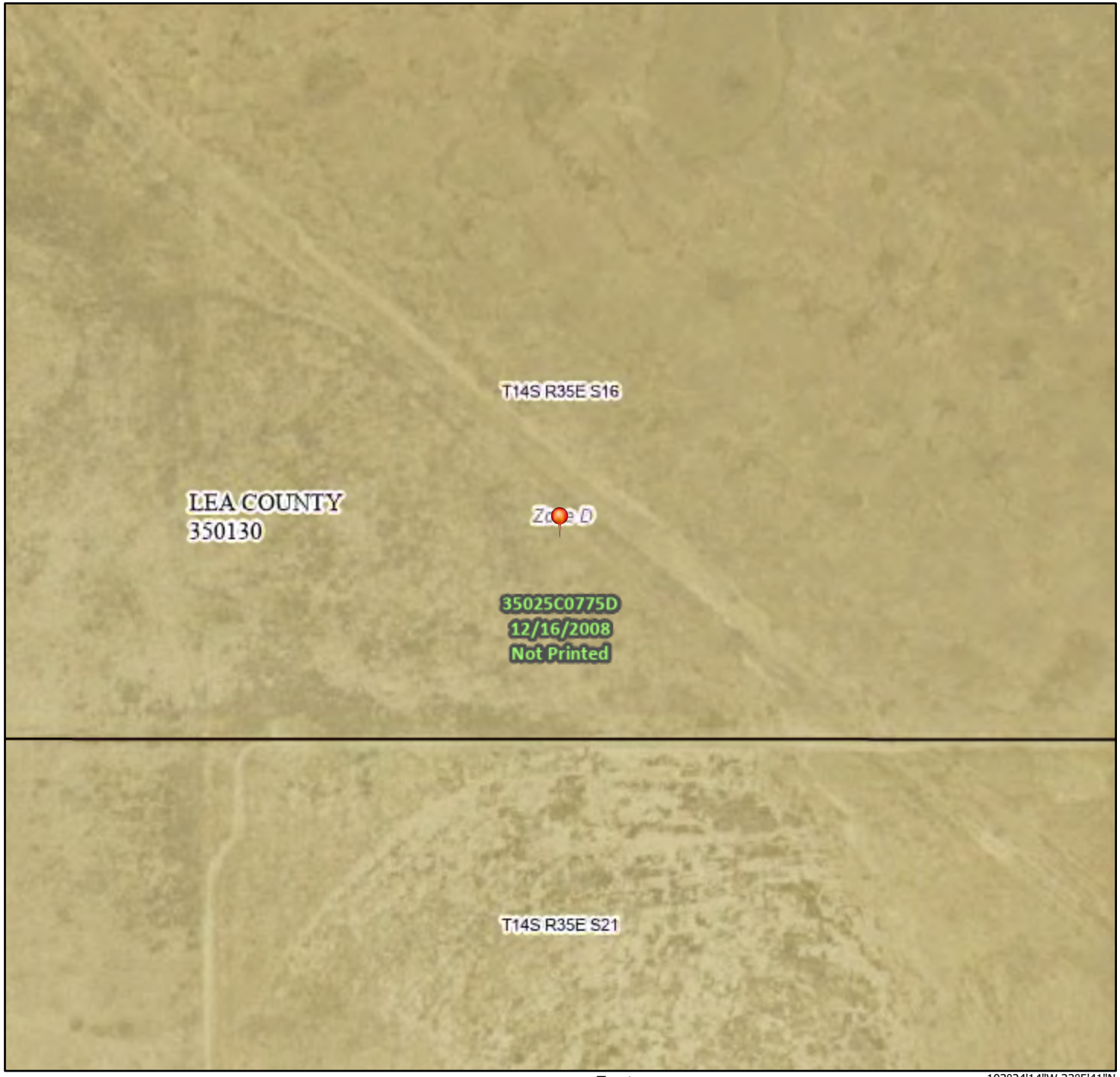
Received by OCD: 10/17/2025 9:23:24 AM

National Flood Hazard Layer FIRMette

FEMA

103°24'52"W 33°6'11"N



103°24'14"W 33°5'41"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- B 20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/1/2025 at 1:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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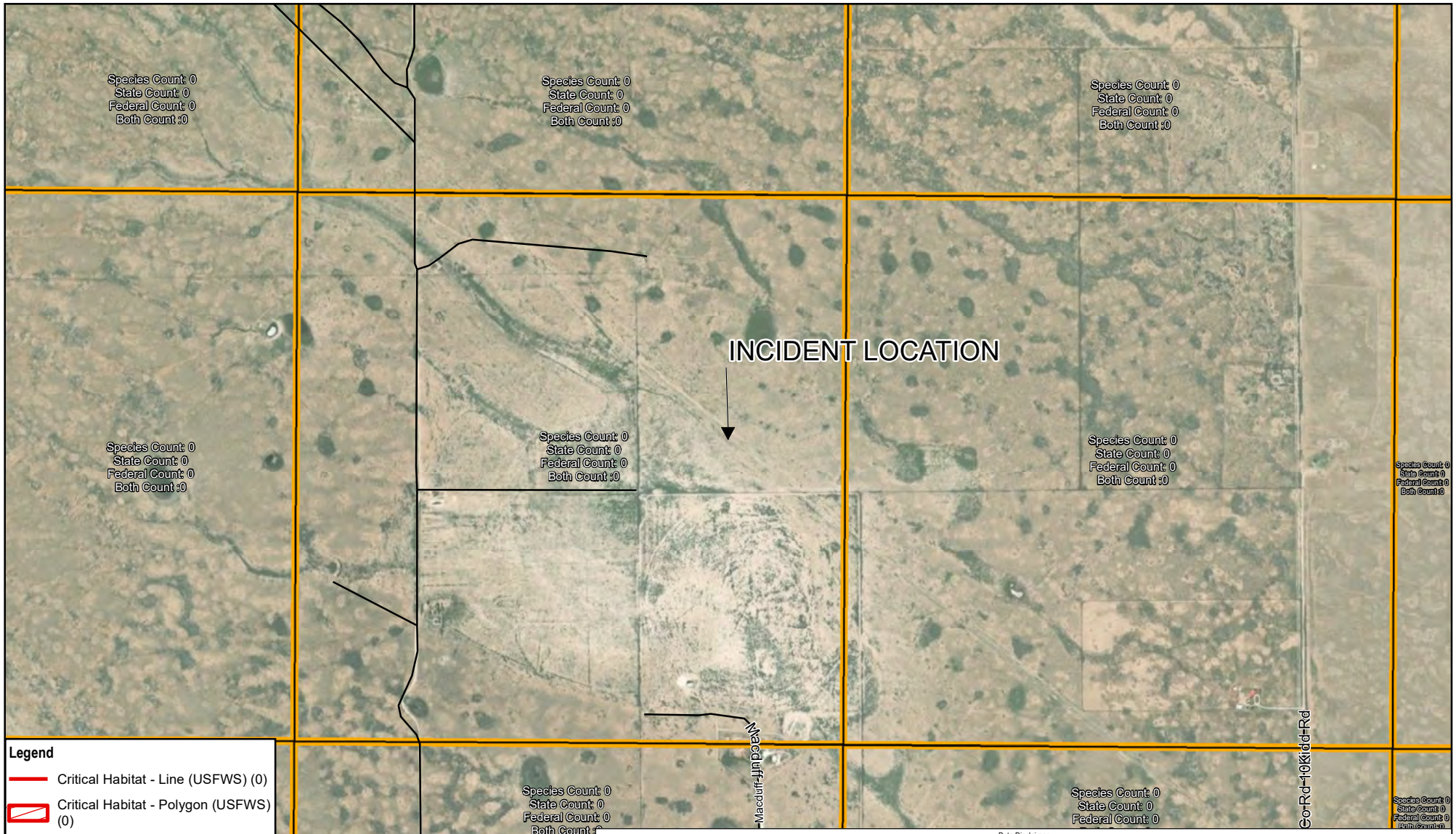


Data Disclaimer

Species at Risk dataset is developed using GBIF species occurrence database (Global Biodiversity Information Facility). GBIF is an open-source citizen science government funded organization that collects and processes biodiversity-based information. Using this dataset and provincial/state and federal protected species list the reporting grid is developed. For some highly protected species the exact location is obscured with a buffer distance, the more at risk/protected species the larger this buffer. This buffer distance is accounted for in the reporting grid, therefore, if a given buffer is 50km that species will be shown as occurring in all reporting grid cells within that 50km radius.

NOTE:
Species Count: Number of Species found within each grid cell
State Count (S): Number of Species that are only on the State Species at risk list
Federal Count (F): Number of Species that are only on the Federal Species at risk list
Both Count (F/S): Number of Species that are found on both State and Federal Species at Risk Lists

Paper Size ANSI A

0 500 1,000 1,500 2,000

Feet

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001

N

GHD

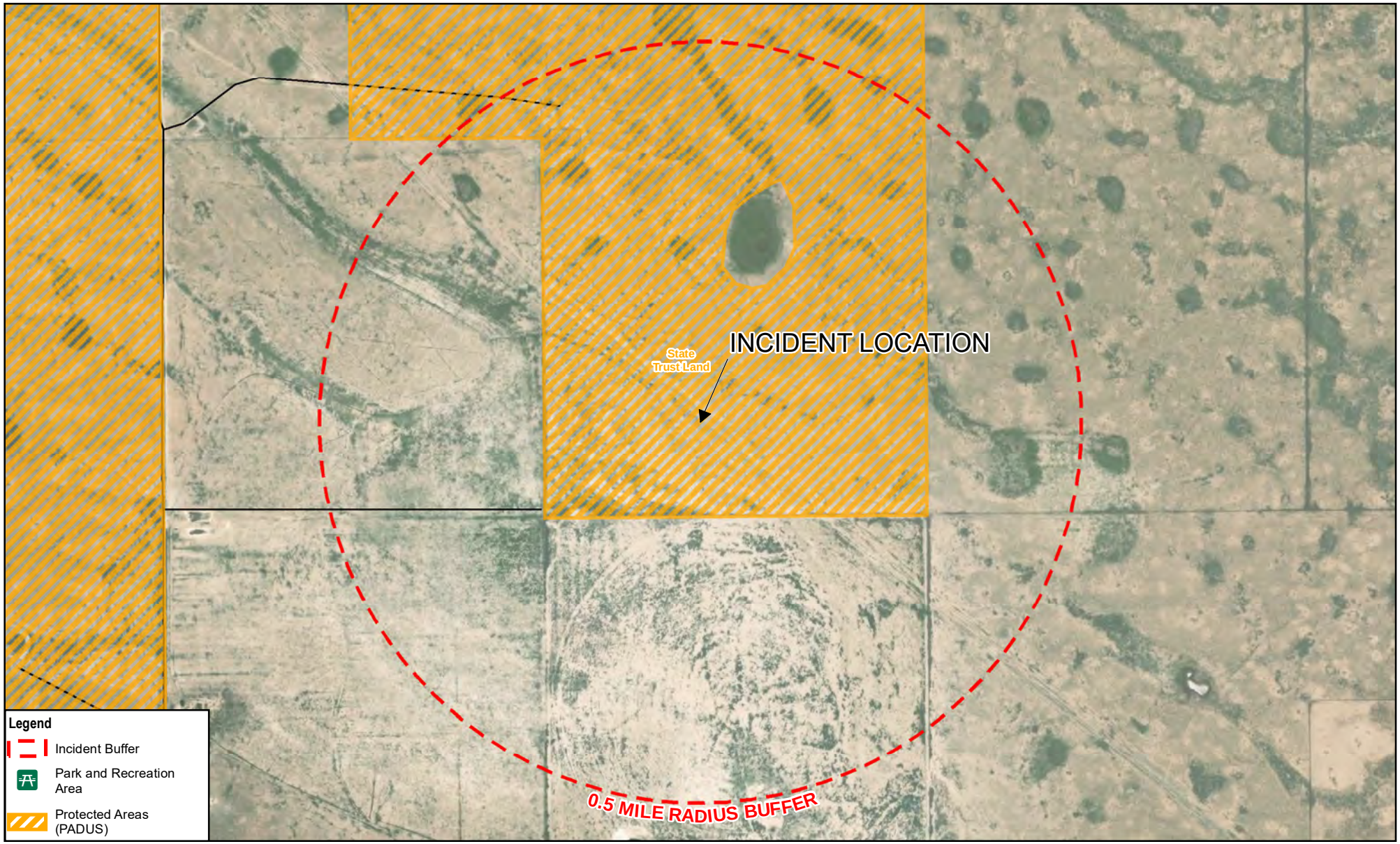
ENTERPRISE PRODUCTS
LEA COUNTY, NEW MEXICO RELEASE

SPECIES OF CONCERN

Project No. **12669965**
Revision No. **-**
Date **May 05, 2025**

Q:\GIS\PROJECTS\12669000s\12669965\GIS\Maps\Deliverables\202505_ReceptorsPackage\12669965_005_Species.mxd
Print date: 05 May 2025 - 12:49

Data source: NaturalServe USA. U.S. Fish & Wildlife Service, 2023. TIGER Road Network; GBIF Species Occurance, 2024 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.



Paper Size ANSI A

0 250 500 750 1,000

Feet

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

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GHD

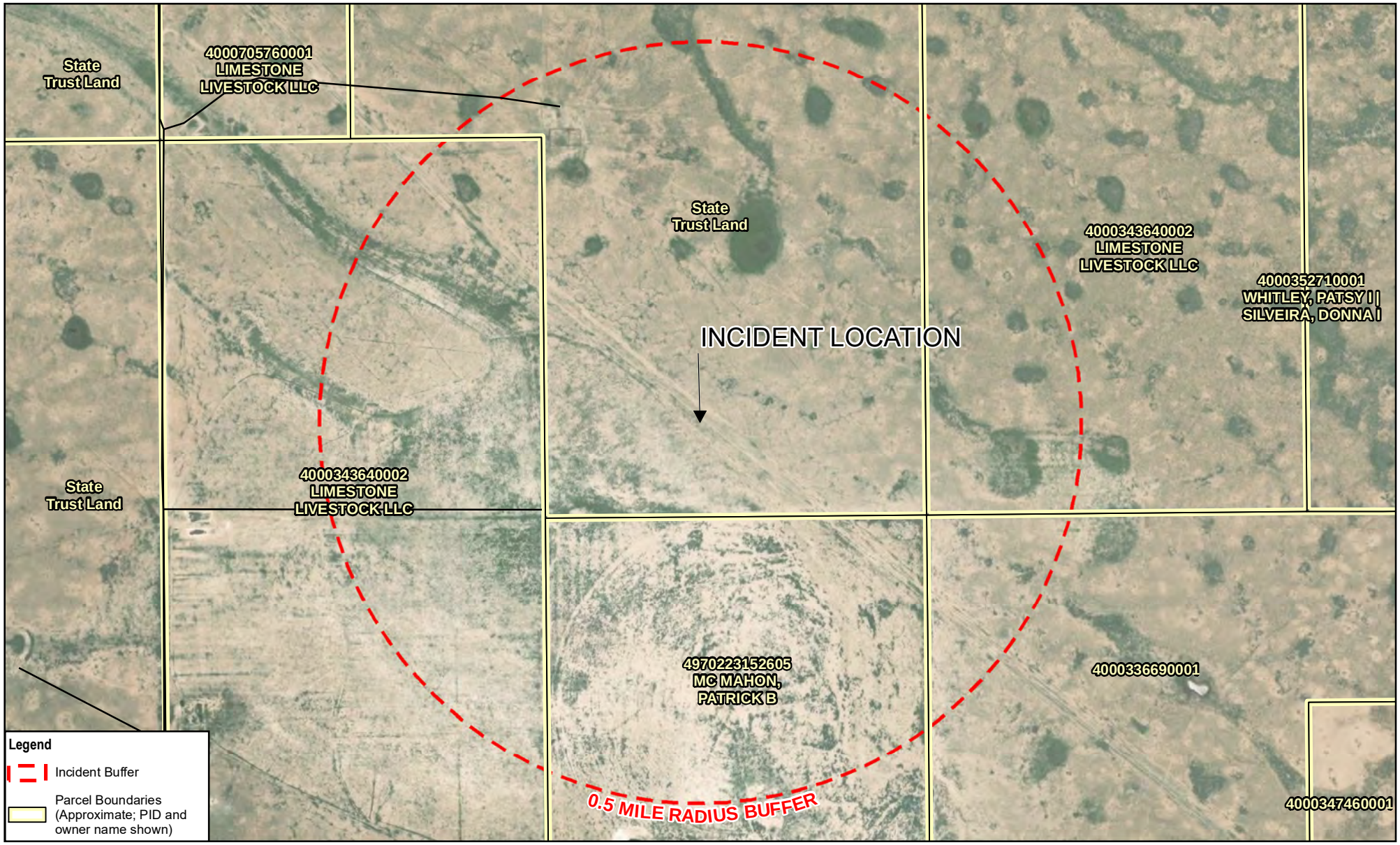
ENTERPRISE PRODUCTS
LEA COUNTY, NEW MEXICO RELEASE

Project No. **12669965**
Revision No. **-**
Date **May 05, 2025**

ENVIRONMENTAL RECEPTORS

Q:\GIS\PROJECTS\12669000s\12669965\GIS\Maps\Deliverables\202505_ReceptorsPackage\12669965_004_Environmental.mxd
Print date: 05 May 2025 - 13:48

Data source: NOAA Office for Coastal Management, 2023. National Park Service, 2023. U.S. Geological Survey (USGS), 2022. USDA Forest Service, 2023. TIGER Road Network. Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Paper Size ANSI A

0 250 500 750 1,000

Feet

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001

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GHD

ENTERPRISE PRODUCTS
LEA COUNTY, NEW MEXICO RELEASE

LAND OWNERSHIP

Project No. **12669965**
Revision No. **-**
Date **May 05, 2025**

Q:\GIS\PROJECTS\12669000s\12669965\GIS\Maps\Deliverables\202505_ReceptorsPackage\12669965_007_LandOwnership.mxd
Print date: 05 May 2025 - 15:19

Data source: U.S. Fish & Wildlife Service, 2023. TIGER Road Network. Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community. New Mexico OSE.

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ATTACHMENT 3 – SOIL BORING LOGS

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Received by OCD: 10/17/2025 9:23:24 AM

STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-01

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 05/08/2025
Drilling Co. (Driller): Savage Excavation, LLC(Steven/Hose)
Equipment Used: Geoprobe
Drilling Method(s): Direct Push

Northing: 3663391 ft
Easting: 648450 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 13.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00								
	SM-SILTY SAND Sand, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, trace gravel, loose, white/tan, dry, petroleum odor			0				
				>3000				Bentonite
		2	100					
				>8000	SB-01(9-10)	X		
		3	100					
				3200	SB-01 (12-13)	X		
13.00	End of Hole at 13.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Drilling:
Upon Completion of Drilling:

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-02

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 05/08/2025
Drilling Co. (Driller): Savage Excavation, LLC(Steven/Hose)
Equipment Used: Geoprobe
Drilling Method(s): Direct Push

Northing: 3663379 ft
Easting: 648461 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 11.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, trace gravel, loose, white/tan, dry, petroleum odor			0				
				0				Bentonite
		2	100					
				0	SB-02(9-10)	X		
				0	SB-02(10-11)	X		
11.00	End of Hole at 11.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Drilling:
Upon Completion of Drilling:

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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Received by OCD: 10/17/2025 9:23:24 AM

STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-03

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 05/08/2025
Drilling Co. (Driller): Savage Excavation, LLC(Steven/Hose)
Equipment Used: Geoprobe
Drilling Method(s): Direct Push

Northing: 3663401 ft
Easting: 648437 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 12.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	401 425 462 137				
3.00	CALICHE, trace gravel, loose, white/tan, dry, petroleum odor	2	100	521	SB-03(9-10)	X		Bentonite
		3	100	518	SB-03(11-12)	X		
12.00	End of Hole at 12.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Drilling:
Upon Completion of Drilling:

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-04

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 05/08/2025
Drilling Co. (Driller): Savage Excavation, LLC(Steven/Hose)
Equipment Used: Geoprobe
Drilling Method(s): Direct Push

Northing: 3663411 ft
Easting: 648464 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 15.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00								
	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor							
2.50	CALICHE, with gravel, loose, white/tan, dry, petroleum odor	1	100	0.3				
				4.4				
				38.5	SB-04(4-5)	X		
		2	200	17.2				
				22.1				
				27.3				Bentonite
				11.4				
				9.4				
		3	300	0				
				19.7				
				33.8				
				86.7	SB-04 (14-15)	X		
15.00				0				
	End of Hole at 15.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Drilling:
Upon Completion of Drilling:

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-05

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/17/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663376 ft
Easting: 648441 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	1373				
3.00	CALICHE, with gravel, loose, white/tan, dry, petroleum odor	2	200	287				
				1234	SB-05(9-10)	X		
		3	300	854	SB-05 (14-15)	X		Bentonite
		4	100	304				
		5	100	281				
25.00	SW-WELL GRADED SAND, light brown, wet, petroleum odor	6	100	1110			▽	
29.00	End of Hole at 29.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 27.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-06

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/17/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663392 ft
Easting: 648454 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	287				
4.00	CALICHE, with gravel, loose, white/tan, dry, petroleum odor	2	100	313				
		3	100	611	SB-06 (14-15)	X		Bentonite
		4	100	1120	SB-06 (19-20)	X		
		5	100	570	SB-06 (24-25)	X		
25.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor	6	100				▽	
29.00	End of Hole at 29.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 27.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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Received by OCD: 10/17/2025 9:23:24 AM

STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-07

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/17/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663317 ft
Easting: 648431 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	670				
4.00	CALICHE, with gravel, loose, white/tan, dry, petroleum odor	2	100	349				
		3	100	198				Bentonite
		4	100	44.7				
		5	100					
24.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor	6	100	793	SB-07 (24-25)			
29.00	End of Hole at 29.00 ft.			953				

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Drilling: 26.00 ft
Upon Completion of Drilling:

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-08

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/18/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663285 ft
Easting: 648422 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
5.00	CALICHE, with travel, loose, white/tan, dry, petroleum odor	2	100	7.4				
		3	100	6.2				
		4	100	9.1	SB-09 (14-15)	X		Bentonite
		5	100	4.8				
25.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor	6	100	507	SB-08 (24-25)	X	▽	
29.00	End of Hole at 29.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 26.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-09

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/18/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663321 ft
Easting: 648496 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 25.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, with gravel, loose, white/tan, dry, petroleum odor			0				
		2	100	6.5				
				5.7				
		3	100	6.4	SB-09 (14-15)	X		Bentonite
		4	100	6				
		5	100					
24.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor			83			▽	
25.00	End of Hole at 25.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 24.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-10

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/18/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663292 ft
Easting: 648536 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, with gravel, loose, white/tan, dry, petroleum odor	2	100	48.6				
		3	100	15				
		4	100	35.8	SB-10 (14-15)	X		Bentonite
		5	100	121				
24.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor	6	100	54.5	SB-10 (24-25)	X	▽	
29.00	End of Hole at 29.00 ft.			>1500				

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 26.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-11

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/18/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663330 ft
Easting: 648521 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, with gravel, loose, white/tan, dry, petroleum odor	2	100	30				
		3	100	7				Bentonite
		4	100	7.6				
20.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor	5	100	0	SB-11(19-20)	X		
		6	100	8.5			▽	
29.00	End of Hole at 29.00 ft.			121				

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 27.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-12

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/18/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663279 ft
Easting: 648477 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, with gravel, loose, white/tan, dry			0				
				1.8				
		2	100					
				2.6				
		3	100					
				3.8				Bentonite
	- petroleum odor from 15.00ft BGS to 19.00ft BGS	4	100	0				
				4.2	SB-12 (19-20)	X		
		5	100					
24.00	SW-WELL-GRADED SAND, light brown, wet			307	SB-12 (24-25)	X	▽	
		6	100					
29.00	End of Hole at 29.00 ft.			321				

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 26.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-13

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/19/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663334 ft
Easting: 648382 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0 0				
4.00	CALICHE, with gravel, loose, white/tan, dry, petroleum odor	2	100	13.8 12.8				
		3	100	17.1				Bentonite
		4	100	35	SB-13 (19-20)	X		
22.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor	5	100	0 2300	SB-13 (24-25)	X	▽	25.00
29.00	End of Hole at 29.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 27.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-14

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/19/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663397 ft
Easting: 648400 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 28.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0 0 10.4				
5.00	CALICHE, with gravel, loose, white/tan, dry	2	100	14.8				
		3	100	17.6	SB-14 (14-15)	X		Bentonite
	- petroleum odor from 15.00ft BGS to 19.00ft BGS	4	100	0				
	- strong petroleum odor, some moisture from 19.00ft BGS to 20.00ft BGS			10.4				
22.00	SW-WELL-GRADED SAND, light brown, wet, petroleum odor	5	100	1623	SB-14 (24-25)	X		
		6	100	>3000			▽	
28.00	End of Hole at 28.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
▽ **At Time of Drilling:** 27.00 ft
▼ **Upon Completion of Drilling:**

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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Received by OCD: 10/17/2025 9:23:24 AM

STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-15

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/20/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663428 ft
Easting: 648468 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, with gravel, loose, white/tan, dry			0				
				5.4				
		2	100					
				4.2				
		3	100					
				6.1				Bentonite
		4	100					
				7.4	SB-15 (19-20)	X		
	- petroleum odor from 20.00ft BGS to 24.00ft BGS	5	100	0				
				4.9	SB-15 (24-25)	X		
		6	100					
				395				
29.00	End of Hole at 29.00 ft.							

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Drilling:
Upon Completion of Drilling:

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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Received by OCD: 10/17/2025 9:23:24 AM

STRATIGRAPHIC AND INSTRUMENTATION RECORD
(Overburden)

SB-16

Project Number: 12669965

Client: Enterprise Products
Project: Enterprise Products Pipeline Release - Lea County, NM - May 5, 2025
Location: Lea County
Date Range (mm/dd/yyyy): 06/20/2025
Drilling Company: Savage Excavation, LLC
Equipment Used: Geoprobe
Drilling Method(s): Rotary-Air

Northing: 3663383 ft
Easting: 648512 ft
Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Elevation: ft
Elevation Datum:

Logged By: Carter Swanson
Approved By: Deedee Whittington
Final Depth: 29.00 ft

Coordinates and Elevation Values are Approximate

Depth (ft) / Elev. (ft)	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Backfill Details
0.00	SM-SILTY SAND, trace gravel, loose, fine to medium sand, light brown/tan, dry, petroleum odor	1	100	0				
3.00	CALICHE, with gravel, loose, white/tan, dry			0				
				13				
		2	100					
				14.3				
		3	100					
				25	SB-16 (14-15)	X		Bentonite
		4	100					
				38.8	SB-16 (19-20)	X		
	- petroleum odor from 22.00ft BGS to 24.00ft BGS	5	100	0				
				37.1				
		6	100					
29.00	End of Hole at 29.00 ft.			1174				

Legend:
Measuring Point Elevation may change; Refer to Current Elevation Table
At Time of Drilling:
Upon Completion of Drilling:

Well - Reference Elevation(s)	
Location	Elevation (ft)

Created with OpenGround Template: GHD-US-GEN-ENV-Overburden-Rev02 / Strip Set: GHD-US-GEN-Overburden Log-V5 (2) 12/8/25

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Received by OCD: 10/17/2025 9:23:24 AM

ATTACHMENT 4 – CULTURAL RESOURCE SURVEYS

Released to Imaging: 1/6/2026 3:52:26 PM

NMSLO Cultural Resources Cover Sheet

Survey Complete Form

To: Cultural Resources Office, New Mexico State Land Office, Santa Fe, New Mexico

Re: Proposed "TW Products Pipeline" project

Notification of Intent to Survey ID: N-20250516-002500

Cultural Resource Survey

NMCRIS Activity No.: 158551

Findings: Negative

Have avoidance and protection Measures been devised? Yes

Comments: On May 22, 2024, ERG archaeologists conducted an intensive cultural resources survey of 4 acres in Lea County, New Mexico. The archaeological investigation was requested by the GHD (client) to determine if there had been any potential damage to cultural properties, located within a 4-acre parcel in Lea County, New Mexico. An accidental release of gasoline occurred on lands leased from the New Mexico State Land Office (NMSLO). The release was discovered on the TW Products Pipeline on May 4, 2025. The pipeline was excavated and repaired by May 6, 2025, at which point, ERG was contacted to conduct a cultural resources review and subsequent survey of the location.

The release location is irregularly shaped, measuring roughly 295 ft. by 98 ft. In accordance with the New Mexico Administrative Code (NMAC) 4.10.15, an additional 100 ft. buffer around all sides of the gasoline release was added as a cultural buffer for the archaeological survey, which created the total 4-acre survey area of potential effects (APE). The intensive survey was designed to inventory any cultural properties situated within the APE, and to assess their eligibility for inclusion on the National Register of Historic Places, outlined under Section 106 of the National Historic Preservation Act of 1966, as amended (16 ASC 470). This investigation was conducted as New Mexico Cultural Resource Information System Activity Number 158551.

No previously documented or newly identified sites were encountered during the current investigation. Furthermore, no isolated occurrences were located during the survey. No additional work is recommended at this location.

Submitted on: 5/29/2025 at 8:24 AM MDT

Proposed Project Details

Permitted Cultural Consultant Name: Environmental Research Group (ERG)

Permitted Cultural ConsultantPhone Number:
(915) 449 - 7134

Permitted Cultural Consultant Email Address:
matthew.swanson@envrg.com

Enterprise Products has contracted Environmental Research Group (ERG) to conduct a cultural resources survey for a proposed project “TW Products Pipeline” located on New Mexico State Trust Lands in T14S, R35E, S16 in Lea. The survey is estimated to begin on 05/19/2025. The total acreage of the proposed project area is 4.00. The Lead Agency for this project is NMSLO.

NMSLO Administrative Use Only:

NMSLO Lease Number: _____

Lease Analyst: _____

NMSLO Cultural Resources Cover Sheet

ARMS Inspection/Review

To: Cultural Resources Office, New Mexico State Land Office, Santa Fe, New Mexico

Re: Proposed "TW Products Pipeline"

ARMS Inspection/Review ID: A-20250516-001013

Proposed Project Details

Permitted Cultural Consultant Name: Environmental Research Group (ERG)

Permitted Cultural Consultant Phone Number: (915) 449 - 7134

Permitted Cultural Consultant Email Address: matthew.swanson@envrg.com

Enterprise Products has contracted Environmental Research Group (ERG) to conduct an ARMS Inspection/Review for a proposed project "TW Products Pipeline" located on New Mexico State Trust Lands in T14S, R35E, S16 in Lea county. The Lead Agency for this project is NMSLO.

The ARMS Inspection/Records Review associated with this project has been conducted per the pre-field requirements of 4.10.15.9 NMAC on 05/13/2025.

The review was conducted for the Area of Potential Effect (APE) and 500 meters surrounding the APE. Information regarding the review results can be found in the uploaded Table 1-Cultural Surveys within 500 meters of proposed project and Table 2-Cultural Resources within 500 meters of proposed project.

Results-Recommendation

The entire area of potential effect or project area has not been previously surveyed . A complete archaeological survey will be conducted and submitted for review.

NMSLO Administrative Use Only:

NMSLO Lease Number: _____

Lease Analyst: _____

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NMSLO Cultural Resources Cover Sheet

Survey Complete Form

To: Cultural Resources Office, New Mexico State Land Office, Santa Fe, New Mexico

Re: Proposed "TW Products Pipeline" project

Notification of Intent to Survey ID: N-20250516-002500

Cultural Resource Survey

NMCRIS Activity No.: 158551

Findings: Negative

Have avoidance and protection Measures been devised? Yes

Comments: July 3, 2025, ERG archaeologists conducted an intensive cultural resources survey of 37.81 acres in Lea County, New Mexico. The investigation was requested by GHD Services, Inc. (GHD) to determine if there had been any damage to cultural properties due to an accidental release of gasoline from a pipeline that occurred on lands leased from the New Mexico State Land Office (NMSLO). The release was discovered on the Enterprise Products Pipeline on May 4, 2025. The pipeline was excavated and repaired by May 6, 2025, at which point, ERG was contacted to conduct a cultural resources review and subsequent survey of the location.

The release location is irregularly shaped, measuring roughly 295 ft. by 98 ft. In accordance with the New Mexico Administrative Code (NMAC) 4.10.15, an additional 100 ft. buffer around all sides of the gasoline release was added as a cultural buffer for the archaeological survey, which created a 4-acre survey area of potential effects (APE). The intensive survey was designed to inventory any cultural properties situated within the APE, and to assess their eligibility for inclusion on the National Register of Historic Places, outlined under Section 106 of the National Historic Preservation Act of 1966, as amended (16 ASC 470).

ERG archaeologists initially conducted an intensive cultural resources survey of the 4-acre area surrounding the release on May 22, 2025. At that time, no cultural resources were observed. However, in late June 2025, GHD again contacted ERG and requested a larger survey to ensure additional coverage for an expanded APE. The July 3, 2025 visit consisted of a 37.81-acre parcel, which encompassed the original 4-acre area and beyond. The revised area consisted of a 810 foot (247 m) by 2,056 foot (627 m) rectangular APE. This investigation was conducted as New Mexico Cultural Resource Information System Activity Number 158551.

During the final survey in July, only on isolated occurrence (IO 1) was encountered, no archaeological sites were observed. IO 1 consisted of a single historic bottle drop, with roughly 25 pieces of clear glass, originating from the same vessel. No additional work is recommended at this location.

Submitted on: 5/29/2025 at 8:24 AM MDT

Proposed Project Details

Permitted Cultural Consultant Name: Environmental Research Group (ERG)

Permitted Cultural ConsultantPhone Number:
(915) 449 - 7134

Permitted Cultural Consultant Email Address:
matthew.swanson@envrg.com

Enterprise Products has contracted Environmental Research Group (ERG) to conduct a cultural resources survey for a proposed project "TW Products Pipeline" located on New Mexico State Trust Lands in T14S, R35E, S16 in Lea. The survey is estimated to begin on 05/19/2025. The total acreage of the proposed project area is 4.00. The Lead Agency for this project is NMSLO.

NMSLO Administrative Use Only:

NMSLO Lease Number: _____

Lease Analyst: _____

Notification of Intent to Conduct Archaeological Survey

To: Cultural Resources Office, New Mexico State Land Office, Santa Fe, New Mexico

From (Permitted Company Name): Environmental Research Group (ERG)

Phone Number:
(915) 449 - 7134

Email Address:
matthew.swanson@envrg.com

This survey will be conducted under the auspices of:

New Mexico Annual State Land Archaeological Survey Permit Number: United States

Consultant Report No.:

Lease Number: G023690001
(Please include if available for Business, Renewables, ROW or Ag leases; required for Oil & Gas Leases)

Project Details

This is to notify the SLO that Enterprise Products has contracted Environmental Research Group (ERG) to conduct a cultural resources survey for a proposed project "Cultural Resource Survey of 37.81 Acres for GHD on behalf of Enterprise Products Pipeline in Lea County, NM " located on New Mexico State Trust Lands in T14S, R35E, S16 in Lea county. The survey is estimated to begin on 07/03/2025. The total acreage of the proposed project area is 37.81. The Lead Agency for this project is NMSLO.

All survey will be accomplished on foot with parallel transect intervals spaced no greater than 15 meters (50ft.) apart with additional inspection of any deflated areas in the project area. The survey will conform to a Class III (100%) inventory of the project area. Further information on survey methodology, mapping and recording procedures, collections, analysis, personnel, etc. is available from the State Historic Preservation Division.

The following required documents have been uploaded:

- NMSLO Maps Combined.pdf
- NMSLO Maps Combined.pdf
- SurveyArea_158551.zip
- SurveyArea_158551.zip

Comments:

This is an expansion survey of an original 4 acre footprint. GHD asked ERG to expand the APE to 37.81 acres (to include the original 4 acre area).

Permittee/Principal Investigator Name: Matthew Swanson

Date: 05/16/2025 Form ID: N-20250516-002500

Received by OCD: 10/17/2025 9:23:24 AM

ATTACHMENT 5 – LABORATORY DATA PACKAGES

Released to Imaging: 1/6/2026 3:52:26 PM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Deedee Whittington
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 5/19/2025 2:48:58 PM

JOB DESCRIPTION

Enterprise Products Pipeline Release
12669965

JOB NUMBER

860-100532-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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my EOL

Eurofins Houston

Job Notes

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

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

Authorization

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Definitions/Glossary

Client: GHD Services Inc.
Job ID: 860-100532-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: GHD Services Inc. Job ID: 860-100532-1
Project: Enterprise Products Pipeline Release

Job ID: 860-100532-1 Eurofins Houston

Job Narrative
860-100532-1

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

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

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

Receipt
The samples were received on 5/9/2025 9:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

GC/MS VOA
Method 8260D: Sample is in a bulk jar.

12669965-20250508-EX-B-04 (860-100532-4), 12669965-20250508-EX-W-01 (860-100532-5), 12669965-20250508-EX-W-02 (860-100532-6), 12669965-20250508-EX-W-03 (860-100532-7), 12669965-20250508-EX-W-05 (860-100532-9), 12669965-20250508-EX-W-06 (860-100532-10) and 12669965-20250508-EX-W-07 (860-100532-11)

Method 8260D: The following samples were diluted due to the sample being a wet soil with odor.>>: 12669965-20250508-EX-B-01 (860-100532-1), 12669965-20250508-EX-B-02 (860-100532-2) and 12669965-20250508-EX-B-03 (860-100532-3). Elevated reporting limits (RL) are provided. The sample was prepped with methanol from a bulk jar.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 12669965-20250508-EX-B-01 (860-100532-1) and 12669965-20250508-EX-W-04 (860-100532-8). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample was diluted due to the sample being a wet soil with odor.>>: 12669965-20250508-EX-B-01 (860-100532-1). Elevated reporting limits (RL) are provided. Sample was weighed and prepped with methanol from a bulk jar.

Method 8260D: The following samples were diluted due to sample's odor.>>: 12669965-20250508-EX-W-04 (860-100532-8) and 12669965-20250508-EX-W-08 (860-100532-12). Elevated reporting limits (RL) are provided. Sample was prepped with methanol from a bulk jar.

Method 8260D: Sample was prepped from a bulk jar

12669965-20250508-EX-W-01 (860-100532-5)

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

Diesel Range Organics
Method 8015MOD_NM: received in bulk jar

12669965-20250508-EX-B-01 (860-100532-1), 12669965-20250508-EX-B-02 (860-100532-2), 12669965-20250508-EX-B-03 (860-100532-3), 12669965-20250508-EX-B-04 (860-100532-4), 12669965-20250508-EX-W-01 (860-100532-5), 12669965-20250508-EX-W-02 (860-100532-6), 12669965-20250508-EX-W-03 (860-100532-7), 12669965-20250508-EX-W-04 (860-100532-8), 12669965-20250508-EX-W-05 (860-100532-9), 12669965-20250508-EX-W-06 (860-100532-10), 12669965-20250508-EX-W-07 (860-100532-11) and 12669965-20250508-EX-W-08 (860-100532-12)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: 12669965-20250508-EX-B-04 (860-100532-4), 12669965-20250508-EX-W-01 (860-100532-5), 12669965-20250508-EX-W-02 (860-100532-6), 12669965-20250508-EX-W-03 (860-100532-7), 12669965-20250508-EX-W-05 (860-100532-9), 12669965-20250508-EX-W-06 (860-100532-10) and 12669965-20250508-EX-W-07 (860-100532-11). This sample did not contain any target analytes; therefore,

Case Narrative

Client: GHD Services Inc.
Job ID: 860-100532-1
Project: Enterprise Products Pipeline Release

Job ID: 860-100532-1 (Continued)
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re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: 12669965-20250508-EX-B-01 (860-100532-1), 12669965-20250508-EX-B-02 (860-100532-2), 12669965-20250508-EX-B-03 (860-100532-3), 12669965-20250508-EX-W-04 (860-100532-8) and 12669965-20250508-EX-W-08 (860-100532-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate o-Terphenyl recovery for the following laboratory control sample and laboratory control sample duplicate (LCS/LCSD) was outside the upper control limit: (LCS 860-235127/2-A) and (LCSD 860-235127/3-A). Target ranges were within acceptable limits.

Method 8015MOD_NM: The following sample was diluted to bring the concentration of target analytes within the calibration range: 12669965-20250508-EX-W-04 (860-100532-8). Elevated reporting limits (RLs) are provided.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: 12669965-20250508-EX-W-04 (860-100532-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-B-01 — Lab Sample ID: 860-100532-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	90.4		1.98		mg/Kg	2000		8260D	Total/NA
Ethylbenzene	259		1.98		mg/Kg	2000		8260D	Total/NA
Toluene - DL	771		99.0		mg/Kg	20000		8260D	Total/NA
m,p-Xylenes - DL	760		39.6		mg/Kg	20000		8260D	Total/NA
o-Xylene - DL	351		19.8		mg/Kg	20000		8260D	Total/NA
Xylenes, Total - DL	1110		39.6		mg/Kg	20000		8260D	Total/NA
Total TPH	11700		49.9		mg/Kg	1		8015 NM	Total/NA
Gasoline Range Organics (GRO)-C6-C10	9240		49.9		mg/Kg	1		8015B NM	Total/NA
Diesel Range Organics (Over C10-C28)	2410		49.9		mg/Kg	1		8015B NM	Total/NA

Client Sample ID: 12669965-20250508-EX-B-02 — Lab Sample ID: 860-100532-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	5.49		1.98		mg/Kg	2000		8260D	Total/NA
m,p-Xylenes	39.2		3.96		mg/Kg	2000		8260D	Total/NA
o-Xylene	22.1		1.98		mg/Kg	2000		8260D	Total/NA
Xylenes, Total	61.3		3.96		mg/Kg	2000		8260D	Total/NA
Total TPH	3300		49.9		mg/Kg	1		8015 NM	Total/NA
Gasoline Range Organics (GRO)-C6-C10	354		49.9		mg/Kg	1		8015B NM	Total/NA
Diesel Range Organics (Over C10-C28)	2950		49.9		mg/Kg	1		8015B NM	Total/NA

Client Sample ID: 12669965-20250508-EX-B-03 — Lab Sample ID: 860-100532-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.16		1.98		mg/Kg	2000		8260D	Total/NA
Toluene	98.9		9.90		mg/Kg	2000		8260D	Total/NA
Ethylbenzene	37.2		1.98		mg/Kg	2000		8260D	Total/NA
m,p-Xylenes	172		3.96		mg/Kg	2000		8260D	Total/NA
o-Xylene	85.8		1.98		mg/Kg	2000		8260D	Total/NA
Xylenes, Total	258		3.96		mg/Kg	2000		8260D	Total/NA
Total TPH	682		50.0		mg/Kg	1		8015 NM	Total/NA
Gasoline Range Organics (GRO)-C6-C10	501		50.0		mg/Kg	1		8015B NM	Total/NA
Diesel Range Organics (Over C10-C28)	181		50.0		mg/Kg	1		8015B NM	Total/NA

Client Sample ID: 12669965-20250508-EX-B-04 — Lab Sample ID: 860-100532-4

No Detections.

Client Sample ID: 12669965-20250508-EX-W-01 — Lab Sample ID: 860-100532-5

No Detections.

Client Sample ID: 12669965-20250508-EX-W-02 — Lab Sample ID: 860-100532-6

No Detections.

Client Sample ID: 12669965-20250508-EX-W-03 — Lab Sample ID: 860-100532-7

No Detections.

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-04 — Lab Sample ID: 860-100532-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.73		0.990		mg/Kg	1000		8260D	Total/NA
Toluene	104		4.95		mg/Kg	1000		8260D	Total/NA
Ethylbenzene	53.1		0.990		mg/Kg	1000		8260D	Total/NA
o-Xylene	154		0.990		mg/Kg	1000		8260D	Total/NA
m,p-Xylenes - DL	275		19.8		mg/Kg	10000		8260D	Total/NA
Xylenes, Total - DL	432		19.8		mg/Kg	10000		8260D	Total/NA
Total TPH	18200		495		mg/Kg	1		8015 NM	Total/NA
Gasoline Range Organics (GRO)-C6-C10	4610		49.5		mg/Kg	1		8015B NM	Total/NA
Diesel Range Organics (Over C10-C28)	13600		495		mg/Kg	10		8015B NM	Total/NA

Client Sample ID: 12669965-20250508-EX-W-05 — Lab Sample ID: 860-100532-9

No Detections.

Client Sample ID: 12669965-20250508-EX-W-06 — Lab Sample ID: 860-100532-10

No Detections.

Client Sample ID: 12669965-20250508-EX-W-07 — Lab Sample ID: 860-100532-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	0.00137		0.000992		mg/Kg	1		8260D	Total/NA

Client Sample ID: 12669965-20250508-EX-W-08 — Lab Sample ID: 860-100532-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	57.3		9.94		mg/Kg	2000		8260D	Total/NA
Ethylbenzene	36.8		1.99		mg/Kg	2000		8260D	Total/NA
m,p-Xylenes	149		3.98		mg/Kg	2000		8260D	Total/NA
o-Xylene	75.0		1.99		mg/Kg	2000		8260D	Total/NA
Xylenes, Total	224		3.98		mg/Kg	2000		8260D	Total/NA
Total TPH	1330		49.8		mg/Kg	1		8015 NM	Total/NA
Gasoline Range Organics (GRO)-C6-C10	283		49.8		mg/Kg	1		8015B NM	Total/NA
Diesel Range Organics (Over C10-C28)	1050		49.8		mg/Kg	1		8015B NM	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-B-01

Lab Sample ID: 860-100532-1
Date Collected: 05/08/25 10:25
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	90.4		1.98		mg/Kg		05/12/25 09:52	05/14/25 22:54	2000
Ethylbenzene	259		1.98		mg/Kg		05/12/25 09:52	05/14/25 22:54	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*	*05/12/25 09:52*	*05/14/25 22:54*	*2000*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*05/12/25 09:52*	*05/14/25 22:54*	*2000*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*05/12/25 09:52*	*05/14/25 22:54*	*2000*
Toluene-d8 (Surr)	*103*		*70 - 130*	*05/12/25 09:52*	*05/14/25 22:54*	*2000*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	771		99.0		mg/Kg		05/12/25 09:52	05/15/25 11:47	20000
m,p-Xylenes	760		39.6		mg/Kg		05/12/25 09:52	05/15/25 11:47	20000
o-Xylene	351		19.8		mg/Kg		05/12/25 09:52	05/15/25 11:47	20000
Xylenes, Total	1110		39.6		mg/Kg		05/12/25 09:52	05/15/25 11:47	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*	*05/12/25 09:52*	*05/15/25 11:47*	*20000*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*05/12/25 09:52*	*05/15/25 11:47*	*20000*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*05/12/25 09:52*	*05/15/25 11:47*	*20000*
Toluene-d8 (Surr)	*97*		*70 - 130*	*05/12/25 09:52*	*05/15/25 11:47*	*20000*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11700		49.9		mg/Kg			05/12/25 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	9240		49.9		mg/Kg		05/12/25 12:48	05/12/25 18:11	1
Diesel Range Organics (Over C10-C28)	2410		49.9		mg/Kg		05/12/25 12:48	05/12/25 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*264*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 18:11*	*1*
o-Terphenyl	*167*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 18:11*	*1*

Client Sample ID: 12669965-20250508-EX-B-02

Lab Sample ID: 860-100532-2
Date Collected: 05/08/25 10:27
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.98	U	1.98		mg/Kg		05/12/25 09:52	05/14/25 23:19	2000
Toluene	<9.90	U	9.90		mg/Kg		05/12/25 09:52	05/14/25 23:19	2000
Ethylbenzene	5.49		1.98		mg/Kg		05/12/25 09:52	05/14/25 23:19	2000
m,p-Xylenes	39.2		3.96		mg/Kg		05/12/25 09:52	05/14/25 23:19	2000
o-Xylene	22.1		1.98		mg/Kg		05/12/25 09:52	05/14/25 23:19	2000
Xylenes, Total	61.3		3.96		mg/Kg		05/12/25 09:52	05/14/25 23:19	2000

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-B-02

Lab Sample ID: 860-100532-2
Date Collected: 05/08/25 10:27
Matrix: Solid
Date Received: 05/09/25 09:37

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		56 - 150	05/12/25 09:52	05/14/25 23:19	2000
4-Bromofluorobenzene (Surr)	94		68 - 152	05/12/25 09:52	05/14/25 23:19	2000
Dibromofluoromethane (Surr)	86		53 - 142	05/12/25 09:52	05/14/25 23:19	2000
Toluene-d8 (Surr)	99		70 - 130	05/12/25 09:52	05/14/25 23:19	2000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3300		49.9		mg/Kg			05/12/25 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	354		49.9		mg/Kg		05/12/25 12:48	05/12/25 18:26	1
Diesel Range Organics (Over C10-C28)	2950		49.9		mg/Kg		05/12/25 12:48	05/12/25 18:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	168	S1+	65 - 130	05/12/25 12:48	05/12/25 18:26	1
o-Terphenyl	180	S1+	65 - 130	05/12/25 12:48	05/12/25 18:26	1

Client Sample ID: 12669965-20250508-EX-B-03

Lab Sample ID: 860-100532-3
Date Collected: 05/08/25 10:29
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.16		1.98		mg/Kg		05/12/25 09:52	05/14/25 22:29	2000
Toluene	98.9		9.90		mg/Kg		05/12/25 09:52	05/14/25 22:29	2000
Ethylbenzene	37.2		1.98		mg/Kg		05/12/25 09:52	05/14/25 22:29	2000
m,p-Xylenes	172		3.96		mg/Kg		05/12/25 09:52	05/14/25 22:29	2000
o-Xylene	85.8		1.98		mg/Kg		05/12/25 09:52	05/14/25 22:29	2000
Xylenes, Total	258		3.96		mg/Kg		05/12/25 09:52	05/14/25 22:29	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		56 - 150	05/12/25 09:52	05/14/25 22:29	2000
4-Bromofluorobenzene (Surr)	96		68 - 152	05/12/25 09:52	05/14/25 22:29	2000
Dibromofluoromethane (Surr)	88		53 - 142	05/12/25 09:52	05/14/25 22:29	2000
Toluene-d8 (Surr)	99		70 - 130	05/12/25 09:52	05/14/25 22:29	2000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	682		50.0		mg/Kg			05/12/25 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	501		50.0		mg/Kg		05/12/25 12:48	05/12/25 18:41	1
Diesel Range Organics (Over C10-C28)	181		50.0		mg/Kg		05/12/25 12:48	05/12/25 18:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 18:41	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-B-03

Lab Sample ID: 860-100532-3
Date Collected: 05/08/25 10:29
Matrix: Solid
Date Received: 05/09/25 09:37

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	65 - 130	05/12/25 12:48	05/12/25 18:41	1
o-Terphenyl	153	S1+	65 - 130	05/12/25 12:48	05/12/25 18:41	1

Client Sample ID: 12669965-20250508-EX-B-04

Lab Sample ID: 860-100532-4
Date Collected: 05/08/25 10:31
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		05/14/25 09:50	05/14/25 17:54	1
Toluene	<0.00500	U	0.00500		mg/Kg		05/14/25 09:50	05/14/25 17:54	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		05/14/25 09:50	05/14/25 17:54	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		05/14/25 09:50	05/14/25 17:54	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		05/14/25 09:50	05/14/25 17:54	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		05/14/25 09:50	05/14/25 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		56 - 150	05/14/25 09:50	05/14/25 17:54	1
4-Bromofluorobenzene (Surr)	95		68 - 152	05/14/25 09:50	05/14/25 17:54	1
Dibromofluoromethane (Surr)	96		53 - 142	05/14/25 09:50	05/14/25 17:54	1
Toluene-d8 (Surr)	97		70 - 130	05/14/25 09:50	05/14/25 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/12/25 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 18:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 18:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	65 - 130	05/12/25 12:48	05/12/25 18:57	1
o-Terphenyl	157	S1+	65 - 130	05/12/25 12:48	05/12/25 18:57	1

Client Sample ID: 12669965-20250508-EX-W-01

Lab Sample ID: 860-100532-5
Date Collected: 05/08/25 10:33
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		05/14/25 09:50	05/15/25 11:22	1
Toluene	<0.00503	U	0.00503		mg/Kg		05/14/25 09:50	05/15/25 11:22	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		05/14/25 09:50	05/15/25 11:22	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		05/14/25 09:50	05/15/25 11:22	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		05/14/25 09:50	05/15/25 11:22	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		05/14/25 09:50	05/15/25 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150	05/14/25 09:50	05/15/25 11:22	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-01

Lab Sample ID: 860-100532-5
Date Collected: 05/08/25 10:33
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		68 - 152	05/14/25 09:50	05/15/25 11:22	1
Dibromofluoromethane (Surr)	94		53 - 142	05/14/25 09:50	05/15/25 11:22	1
Toluene-d8 (Surr)	96		70 - 130	05/14/25 09:50	05/15/25 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/12/25 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 19:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 19:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	65 - 130	05/12/25 12:48	05/12/25 19:12	1
o-Terphenyl	150	S1+	65 - 130	05/12/25 12:48	05/12/25 19:12	1

Client Sample ID: 12669965-20250508-EX-W-02

Lab Sample ID: 860-100532-6
Date Collected: 05/08/25 10:35
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 07:21	1
Toluene	<0.00495	U	0.00495		mg/Kg		05/12/25 09:52	05/13/25 07:21	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 07:21	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 07:21	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 07:21	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 07:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		56 - 150	05/12/25 09:52	05/13/25 07:21	1
4-Bromofluorobenzene (Surr)	97		68 - 152	05/12/25 09:52	05/13/25 07:21	1
Dibromofluoromethane (Surr)	90		53 - 142	05/12/25 09:52	05/13/25 07:21	1
Toluene-d8 (Surr)	98		70 - 130	05/12/25 09:52	05/13/25 07:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<45.9	U	45.9		mg/Kg			05/12/25 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<45.9	U	45.9		mg/Kg		05/12/25 12:48	05/12/25 19:27	1
Diesel Range Organics (Over C10-C28)	<45.9	U	45.9		mg/Kg		05/12/25 12:48	05/12/25 19:27	1
Oil Range Organics (Over C28-C36)	<45.9	U	45.9		mg/Kg		05/12/25 12:48	05/12/25 19:27	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-02

Lab Sample ID: 860-100532-6
Date Collected: 05/08/25 10:35
Matrix: Solid
Date Received: 05/09/25 09:37

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	65 - 130	05/12/25 12:48	05/12/25 19:27	1
o-Terphenyl	138	S1+	65 - 130	05/12/25 12:48	05/12/25 19:27	1

Client Sample ID: 12669965-20250508-EX-W-03

Lab Sample ID: 860-100532-7
Date Collected: 05/08/25 10:37
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 07:46	1
Toluene	<0.00501	U	0.00501		mg/Kg		05/12/25 09:52	05/13/25 07:46	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 07:46	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		05/12/25 09:52	05/13/25 07:46	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 07:46	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		05/12/25 09:52	05/13/25 07:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		56 - 150	05/12/25 09:52	05/13/25 07:46	1
4-Bromofluorobenzene (Surr)	98		68 - 152	05/12/25 09:52	05/13/25 07:46	1
Dibromofluoromethane (Surr)	96		53 - 142	05/12/25 09:52	05/13/25 07:46	1
Toluene-d8 (Surr)	98		70 - 130	05/12/25 09:52	05/13/25 07:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/12/25 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 19:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 19:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	65 - 130	05/12/25 12:48	05/12/25 19:42	1
o-Terphenyl	147	S1+	65 - 130	05/12/25 12:48	05/12/25 19:42	1

Client Sample ID: 12669965-20250508-EX-W-04

Lab Sample ID: 860-100532-8
Date Collected: 05/08/25 10:39
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.73**		0.990		mg/Kg		05/12/25 09:52	05/15/25 13:28	1000
Toluene	**104**		4.95		mg/Kg		05/12/25 09:52	05/15/25 13:28	1000
Ethylbenzene	**53.1**		0.990		mg/Kg		05/12/25 09:52	05/15/25 13:28	1000
o-Xylene	**154**		0.990		mg/Kg		05/12/25 09:52	05/15/25 13:28	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		56 - 150	05/12/25 09:52	05/15/25 13:28	1000
4-Bromofluorobenzene (Surr)	91		68 - 152	05/12/25 09:52	05/15/25 13:28	1000
Dibromofluoromethane (Surr)	86		53 - 142	05/12/25 09:52	05/15/25 13:28	1000

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-04

Lab Sample ID: 860-100532-8
Date Collected: 05/08/25 10:39
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130	05/12/25 09:52	05/15/25 13:28	1000

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	275		19.8		mg/Kg		05/12/25 09:52	05/15/25 14:18	10000
Xylenes, Total	432		19.8		mg/Kg		05/12/25 09:52	05/15/25 14:18	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		56 - 150	05/12/25 09:52	05/15/25 14:18	10000
4-Bromofluorobenzene (Surr)	93		68 - 152	05/12/25 09:52	05/15/25 14:18	10000
Dibromofluoromethane (Surr)	87		53 - 142	05/12/25 09:52	05/15/25 14:18	10000
Toluene-d8 (Surr)	98		70 - 130	05/12/25 09:52	05/15/25 14:18	10000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18200		495		mg/Kg			05/13/25 08:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4610		49.5		mg/Kg		05/12/25 12:48	05/12/25 20:13	1
Diesel Range Organics (Over C10-C28)	13600		495		mg/Kg		05/12/25 12:48	05/13/25 08:04	10
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		05/12/25 12:48	05/12/25 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	341	S1+	65 - 130	05/12/25 12:48	05/12/25 20:13	1
1-Chlorooctane	352	S1+	65 - 130	05/12/25 12:48	05/13/25 08:04	10
o-Terphenyl	320	S1+	65 - 130	05/12/25 12:48	05/12/25 20:13	1
o-Terphenyl	348	S1+	65 - 130	05/12/25 12:48	05/13/25 08:04	10

Client Sample ID: 12669965-20250508-EX-W-05

Lab Sample ID: 860-100532-9
Date Collected: 05/08/25 10:41
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 08:11	1
Toluene	<0.00495	U	0.00495		mg/Kg		05/12/25 09:52	05/13/25 08:11	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 08:11	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 08:11	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 08:11	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		56 - 150	05/12/25 09:52	05/13/25 08:11	1
4-Bromofluorobenzene (Surr)	99		68 - 152	05/12/25 09:52	05/13/25 08:11	1
Dibromofluoromethane (Surr)	94		53 - 142	05/12/25 09:52	05/13/25 08:11	1
Toluene-d8 (Surr)	98		70 - 130	05/12/25 09:52	05/13/25 08:11	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-05

Lab Sample ID: 860-100532-9
Date Collected: 05/08/25 10:41
Matrix: Solid
Date Received: 05/09/25 09:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 20:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 20:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 20:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 20:28*	*1*
o-Terphenyl	*157*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 20:28*	*1*

Client Sample ID: 12669965-20250508-EX-W-06

Lab Sample ID: 860-100532-10
Date Collected: 05/08/25 10:43
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/14/25 17:29	1
Toluene	<0.00502	U	0.00502		mg/Kg		05/12/25 09:52	05/14/25 17:29	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/14/25 17:29	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/14/25 17:29	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/14/25 17:29	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/14/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*05/12/25 09:52*	*05/14/25 17:29*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*05/12/25 09:52*	*05/14/25 17:29*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*05/12/25 09:52*	*05/14/25 17:29*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*05/12/25 09:52*	*05/14/25 17:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/12/25 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 20:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 20:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 20:43*	*1*
o-Terphenyl	*144*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 20:43*	*1*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-07

Lab Sample ID: 860-100532-11
Date Collected: 05/08/25 10:45
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		05/12/25 09:52	05/13/25 09:01	1
Toluene	<0.00496	U	0.00496		mg/Kg		05/12/25 09:52	05/13/25 09:01	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		05/12/25 09:52	05/13/25 09:01	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 09:01	1
o-Xylene	**0.00137**		0.000992		mg/Kg		05/12/25 09:52	05/13/25 09:01	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*05/12/25 09:52*	*05/13/25 09:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*05/12/25 09:52*	*05/13/25 09:01*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*05/12/25 09:52*	*05/13/25 09:01*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*05/12/25 09:52*	*05/13/25 09:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 20:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 20:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 20:58*	*1*
o-Terphenyl	*139*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 20:58*	*1*

Client Sample ID: 12669965-20250508-EX-W-08

Lab Sample ID: 860-100532-12
Date Collected: 05/08/25 10:47
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.99	U	1.99		mg/Kg		05/12/25 09:52	05/15/25 13:53	2000
Toluene	**57.3**		9.94		mg/Kg		05/12/25 09:52	05/15/25 13:53	2000
Ethylbenzene	**36.8**		1.99		mg/Kg		05/12/25 09:52	05/15/25 13:53	2000
m,p-Xylenes	**149**		3.98		mg/Kg		05/12/25 09:52	05/15/25 13:53	2000
o-Xylene	**75.0**		1.99		mg/Kg		05/12/25 09:52	05/15/25 13:53	2000
Xylenes, Total	**224**		3.98		mg/Kg		05/12/25 09:52	05/15/25 13:53	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*	*05/12/25 09:52*	*05/15/25 13:53*	*2000*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*05/12/25 09:52*	*05/15/25 13:53*	*2000*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*05/12/25 09:52*	*05/15/25 13:53*	*2000*
Toluene-d8 (Surr)	*98*		*70 - 130*	*05/12/25 09:52*	*05/15/25 13:53*	*2000*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1330**		49.8		mg/Kg			05/12/25 21:13	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-08

Lab Sample ID: 860-100532-12

Date Collected: 05/08/25 10:47
Matrix: Solid
Date Received: 05/09/25 09:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	283		49.8		mg/Kg		05/12/25 12:48	05/12/25 21:13	1
Diesel Range Organics (Over C10-C28)	1050		49.8		mg/Kg		05/12/25 12:48	05/12/25 21:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*164*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 21:13*	*1*
o-Terphenyl	*167*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 21:13*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
860-100532-1	12669965-20250508-EX-B-01	92	93	89	103
860-100532-1 - DL	12669965-20250508-EX-B-01	88	96	90	97
860-100532-2	12669965-20250508-EX-B-02	86	94	86	99
860-100532-3	12669965-20250508-EX-B-03	89	96	88	99
860-100532-4	12669965-20250508-EX-B-04	96	95	96	97
860-100532-5	12669965-20250508-EX-W-01	98	95	94	96
860-100532-6	12669965-20250508-EX-W-02	95	97	90	98
860-100532-7	12669965-20250508-EX-W-03	97	98	96	98
860-100532-8	12669965-20250508-EX-W-04	88	91	86	100
860-100532-8 - DL	12669965-20250508-EX-W-04	90	93	87	98
860-100532-9	12669965-20250508-EX-W-05	98	99	94	98
860-100532-10	12669965-20250508-EX-W-06	96	96	94	96
860-100532-11	12669965-20250508-EX-W-07	96	99	94	99
860-100532-12	12669965-20250508-EX-W-08	92	94	87	98
LCS 860-235224/3	Lab Control Sample	91	98	94	100
LCS 860-235629/3	Lab Control Sample	88	93	88	100
LCS 860-235935/3	Lab Control Sample	88	94	89	99
LCSD 860-235224/4	Lab Control Sample Dup	92	96	91	98
LCSD 860-235629/4	Lab Control Sample Dup	88	95	90	99
LCSD 860-235935/4	Lab Control Sample Dup	87	95	90	98
MB 860-235224/8	Method Blank	98	98	96	99
MB 860-235629/8	Method Blank	91	94	91	98
MB 860-235935/8	Method Blank	91	95	90	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(65-130)	(65-130)
860-100532-1	12669965-20250508-EX-B-01	264 S1+	167 S1+
860-100532-2	12669965-20250508-EX-B-02	168 S1+	180 S1+
860-100532-3	12669965-20250508-EX-B-03	156 S1+	153 S1+
860-100532-4	12669965-20250508-EX-B-04	151 S1+	157 S1+
860-100532-5	12669965-20250508-EX-W-01	144 S1+	150 S1+
860-100532-6	12669965-20250508-EX-W-02	133 S1+	138 S1+
860-100532-7	12669965-20250508-EX-W-03	141 S1+	147 S1+
860-100532-8	12669965-20250508-EX-W-04	341 S1+	320 S1+
860-100532-8	12669965-20250508-EX-W-04	352 S1+	348 S1+
860-100532-9	12669965-20250508-EX-W-05	151 S1+	157 S1+
860-100532-10	12669965-20250508-EX-W-06	139 S1+	144 S1+
860-100532-11	12669965-20250508-EX-W-07	133 S1+	139 S1+
860-100532-12	12669965-20250508-EX-W-08	164 S1+	167 S1+
LCS 860-235127/2-A	Lab Control Sample	130	144 S1+

Surrogate Summary

Client: GHD Services Inc.
Job ID: 860-100532-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	**Client Sample ID**	**1CO1 (65-130)**	**OTPH1 (65-130)**								
LCSD 860-235127/3-A	Lab Control Sample Dup	129	138 S1+								
MB 860-235127/1-A	Method Blank	112	118								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-235224/8
Matrix: Solid
Analysis Batch: 235224

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			05/13/25 01:27	1
Toluene	<0.00500	U	0.00500		mg/Kg			05/13/25 01:27	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			05/13/25 01:27	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			05/13/25 01:27	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			05/13/25 01:27	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			05/13/25 01:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*		*05/13/25 01:27*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*		*05/13/25 01:27*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*		*05/13/25 01:27*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*05/13/25 01:27*	*1*

Lab Sample ID: LCS 860-235224/3
Matrix: Solid
Analysis Batch: 235224

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04044		mg/Kg		81	66 - 142
Toluene	0.0500	0.04161		mg/Kg		83	74 - 130
Ethylbenzene	0.0500	0.04203		mg/Kg		84	80 - 130
m,p-Xylenes	0.0500	0.04228		mg/Kg		85	78 - 130
o-Xylene	0.0500	0.04253		mg/Kg		85	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*
Dibromofluoromethane (Surr)	*94*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-235224/4
Matrix: Solid
Analysis Batch: 235224

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04056		mg/Kg		81	66 - 142	0	25
Toluene	0.0500	0.04112		mg/Kg		82	74 - 130	1	25
Ethylbenzene	0.0500	0.04213		mg/Kg		84	80 - 130	0	25
m,p-Xylenes	0.0500	0.04183		mg/Kg		84	78 - 130	1	25
o-Xylene	0.0500	0.04249		mg/Kg		85	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-235629/8
Matrix: Solid
Analysis Batch: 235629

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			05/14/25 14:39	1
Toluene	<0.00500	U	0.00500		mg/Kg			05/14/25 14:39	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			05/14/25 14:39	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			05/14/25 14:39	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			05/14/25 14:39	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			05/14/25 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*		*05/14/25 14:39*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*05/14/25 14:39*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*		*05/14/25 14:39*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/14/25 14:39*	*1*

Lab Sample ID: LCS 860-235629/3
Matrix: Solid
Analysis Batch: 235629

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04828		mg/Kg		97	66 - 142
Toluene	0.0500	0.05018		mg/Kg		100	74 - 130
Ethylbenzene	0.0500	0.05049		mg/Kg		101	80 - 130
m,p-Xylenes	0.0500	0.05034		mg/Kg		101	78 - 130
o-Xylene	0.0500	0.05107		mg/Kg		102	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*
Dibromofluoromethane (Surr)	*88*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-235629/4
Matrix: Solid
Analysis Batch: 235629

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04388		mg/Kg		88	66 - 142	10	25
Toluene	0.0500	0.04568		mg/Kg		91	74 - 130	9	25
Ethylbenzene	0.0500	0.04586		mg/Kg		92	80 - 130	10	25
m,p-Xylenes	0.0500	0.04557		mg/Kg		91	78 - 130	10	25
o-Xylene	0.0500	0.04622		mg/Kg		92	79 - 130	10	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*90*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-235935/8
Matrix: Solid
Analysis Batch: 235935

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			05/15/25 10:53	1
Toluene	<0.00500	U	0.00500		mg/Kg			05/15/25 10:53	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			05/15/25 10:53	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			05/15/25 10:53	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			05/15/25 10:53	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			05/15/25 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*		*05/15/25 10:53*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*		*05/15/25 10:53*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*		*05/15/25 10:53*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/15/25 10:53*	*1*

Lab Sample ID: LCS 860-235935/3
Matrix: Solid
Analysis Batch: 235935

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04212		mg/Kg		84	66 - 142
Toluene	0.0500	0.04423		mg/Kg		88	74 - 130
Ethylbenzene	0.0500	0.04486		mg/Kg		90	80 - 130
m,p-Xylenes	0.0500	0.04498		mg/Kg		90	78 - 130
o-Xylene	0.0500	0.04574		mg/Kg		91	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*89*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 860-235935/4
Matrix: Solid
Analysis Batch: 235935

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.03849		mg/Kg		77	66 - 142	9	25
Toluene	0.0500	0.04065		mg/Kg		81	74 - 130	8	25
Ethylbenzene	0.0500	0.04170		mg/Kg		83	80 - 130	7	25
m,p-Xylenes	0.0500	0.04190		mg/Kg		84	78 - 130	7	25
o-Xylene	0.0500	0.04259		mg/Kg		85	79 - 130	7	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*90*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 860-235127/1-A
Matrix: Solid
Analysis Batch: 234993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 235127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 17:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 17:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*65 - 130*	*05/12/25 12:48*	*05/12/25 17:56*	*1*
o-Terphenyl	*118*		*65 - 130*	*05/12/25 12:48*	*05/12/25 17:56*	*1*

Lab Sample ID: LCS 860-235127/2-A
Matrix: Solid
Analysis Batch: 234993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 235127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1105		mg/Kg		110	74 - 132
Diesel Range Organics (Over C10-C28)	1000	1151		mg/Kg		115	74 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*130*		*65 - 130*
o-Terphenyl	*144*	*S1+*	*65 - 130*

Lab Sample ID: LCSD 860-235127/3-A
Matrix: Solid
Analysis Batch: 234993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 235127

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1047		mg/Kg		105	74 - 132	5	35
Diesel Range Organics (Over C10-C28)	1000	1130		mg/Kg		113	74 - 134	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*129*		*65 - 130*
o-Terphenyl	*138*	*S1+*	*65 - 130*

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

GC/MS VOA

Prep Batch: 235058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-1	12669965-20250508-EX-B-01	Total/NA	Solid	5030C	
860-100532-1 - DL	12669965-20250508-EX-B-01	Total/NA	Solid	5030C	
860-100532-2	12669965-20250508-EX-B-02	Total/NA	Solid	5030C	
860-100532-3	12669965-20250508-EX-B-03	Total/NA	Solid	5030C	
860-100532-6	12669965-20250508-EX-W-02	Total/NA	Solid	5030C	
860-100532-7	12669965-20250508-EX-W-03	Total/NA	Solid	5030C	
860-100532-8 - DL	12669965-20250508-EX-W-04	Total/NA	Solid	5030C	
860-100532-8	12669965-20250508-EX-W-04	Total/NA	Solid	5030C	
860-100532-9	12669965-20250508-EX-W-05	Total/NA	Solid	5030C	
860-100532-10	12669965-20250508-EX-W-06	Total/NA	Solid	5030C	
860-100532-11	12669965-20250508-EX-W-07	Total/NA	Solid	5030C	
860-100532-12	12669965-20250508-EX-W-08	Total/NA	Solid	5030C	

Analysis Batch: 235224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-6	12669965-20250508-EX-W-02	Total/NA	Solid	8260D	235058
860-100532-7	12669965-20250508-EX-W-03	Total/NA	Solid	8260D	235058
860-100532-9	12669965-20250508-EX-W-05	Total/NA	Solid	8260D	235058
860-100532-11	12669965-20250508-EX-W-07	Total/NA	Solid	8260D	235058
MB 860-235224/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-235224/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-235224/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 235629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-1	12669965-20250508-EX-B-01	Total/NA	Solid	8260D	235058
860-100532-2	12669965-20250508-EX-B-02	Total/NA	Solid	8260D	235058
860-100532-3	12669965-20250508-EX-B-03	Total/NA	Solid	8260D	235058
860-100532-4	12669965-20250508-EX-B-04	Total/NA	Solid	8260D	235650
860-100532-10	12669965-20250508-EX-W-06	Total/NA	Solid	8260D	235058
MB 860-235629/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-235629/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-235629/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 235650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-4	12669965-20250508-EX-B-04	Total/NA	Solid	5030C	
860-100532-5	12669965-20250508-EX-W-01	Total/NA	Solid	5030C	

Analysis Batch: 235935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-1 - DL	12669965-20250508-EX-B-01	Total/NA	Solid	8260D	235058
860-100532-5	12669965-20250508-EX-W-01	Total/NA	Solid	8260D	235650
860-100532-8	12669965-20250508-EX-W-04	Total/NA	Solid	8260D	235058
860-100532-8 - DL	12669965-20250508-EX-W-04	Total/NA	Solid	8260D	235058
860-100532-12	12669965-20250508-EX-W-08	Total/NA	Solid	8260D	235058
MB 860-235935/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-235935/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-235935/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

GC Semi VOA

Analysis Batch: 234993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-1	12669965-20250508-EX-B-01	Total/NA	Solid	8015B NM	235127
860-100532-2	12669965-20250508-EX-B-02	Total/NA	Solid	8015B NM	235127
860-100532-3	12669965-20250508-EX-B-03	Total/NA	Solid	8015B NM	235127
860-100532-4	12669965-20250508-EX-B-04	Total/NA	Solid	8015B NM	235127
860-100532-5	12669965-20250508-EX-W-01	Total/NA	Solid	8015B NM	235127
860-100532-6	12669965-20250508-EX-W-02	Total/NA	Solid	8015B NM	235127
860-100532-7	12669965-20250508-EX-W-03	Total/NA	Solid	8015B NM	235127
860-100532-8	12669965-20250508-EX-W-04	Total/NA	Solid	8015B NM	235127
860-100532-9	12669965-20250508-EX-W-05	Total/NA	Solid	8015B NM	235127
860-100532-10	12669965-20250508-EX-W-06	Total/NA	Solid	8015B NM	235127
860-100532-11	12669965-20250508-EX-W-07	Total/NA	Solid	8015B NM	235127
860-100532-12	12669965-20250508-EX-W-08	Total/NA	Solid	8015B NM	235127
MB 860-235127/1-A	Method Blank	Total/NA	Solid	8015B NM	235127
LCS 860-235127/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	235127
LCSD 860-235127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	235127

Prep Batch: 235127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-1	12669965-20250508-EX-B-01	Total/NA	Solid	8015NM Prep	
860-100532-2	12669965-20250508-EX-B-02	Total/NA	Solid	8015NM Prep	
860-100532-3	12669965-20250508-EX-B-03	Total/NA	Solid	8015NM Prep	
860-100532-4	12669965-20250508-EX-B-04	Total/NA	Solid	8015NM Prep	
860-100532-5	12669965-20250508-EX-W-01	Total/NA	Solid	8015NM Prep	
860-100532-6	12669965-20250508-EX-W-02	Total/NA	Solid	8015NM Prep	
860-100532-7	12669965-20250508-EX-W-03	Total/NA	Solid	8015NM Prep	
860-100532-8	12669965-20250508-EX-W-04	Total/NA	Solid	8015NM Prep	
860-100532-9	12669965-20250508-EX-W-05	Total/NA	Solid	8015NM Prep	
860-100532-10	12669965-20250508-EX-W-06	Total/NA	Solid	8015NM Prep	
860-100532-11	12669965-20250508-EX-W-07	Total/NA	Solid	8015NM Prep	
860-100532-12	12669965-20250508-EX-W-08	Total/NA	Solid	8015NM Prep	
MB 860-235127/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-235127/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-235127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 235310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-8	12669965-20250508-EX-W-04	Total/NA	Solid	8015B NM	235127

Analysis Batch: 235545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-1	12669965-20250508-EX-B-01	Total/NA	Solid	8015 NM	
860-100532-2	12669965-20250508-EX-B-02	Total/NA	Solid	8015 NM	
860-100532-3	12669965-20250508-EX-B-03	Total/NA	Solid	8015 NM	
860-100532-4	12669965-20250508-EX-B-04	Total/NA	Solid	8015 NM	
860-100532-5	12669965-20250508-EX-W-01	Total/NA	Solid	8015 NM	
860-100532-6	12669965-20250508-EX-W-02	Total/NA	Solid	8015 NM	
860-100532-7	12669965-20250508-EX-W-03	Total/NA	Solid	8015 NM	
860-100532-8	12669965-20250508-EX-W-04	Total/NA	Solid	8015 NM	
860-100532-9	12669965-20250508-EX-W-05	Total/NA	Solid	8015 NM	
860-100532-10	12669965-20250508-EX-W-06	Total/NA	Solid	8015 NM	
860-100532-11	12669965-20250508-EX-W-07	Total/NA	Solid	8015 NM	

QC Association Summary

Client: GHD Services Inc.
Job ID: 860-100532-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

GC Semi VOA (Continued)

Analysis Batch: 235545 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100532-12	12669965-20250508-EX-W-08	Total/NA	Solid	8015 NM	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-B-01
Lab Sample ID: 860-100532-1

Date Collected: 05/08/25 10:25
Date Received: 05/09/25 09:37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		2000	5 mL	5 mL	235629	05/14/25 22:54	MS	EET HOU
Total/NA	Prep	5030C	DL		5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D	DL	20000	5 mL	5 mL	235935	05/15/25 11:47	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 18:11	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 18:11	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-B-02
Lab Sample ID: 860-100532-2

Date Collected: 05/08/25 10:27
Date Received: 05/09/25 09:37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		2000	5 mL	5 mL	235629	05/14/25 23:19	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 18:26	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 18:26	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-B-03
Lab Sample ID: 860-100532-3

Date Collected: 05/08/25 10:29
Date Received: 05/09/25 09:37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		2000	5 mL	5 mL	235629	05/14/25 22:29	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 18:41	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 18:41	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-B-04
Lab Sample ID: 860-100532-4

Date Collected: 05/08/25 10:31
Date Received: 05/09/25 09:37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	235650	05/14/25 09:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235629	05/14/25 17:54	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 18:57	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 18:57	T1S	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-01
Lab Sample ID: 860-100532-5

Date Collected: 05/08/25 10:33
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.97 g	5 mL	235650	05/14/25 09:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235935	05/15/25 11:22	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 19:12	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 19:12	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-W-02
Lab Sample ID: 860-100532-6

Date Collected: 05/08/25 10:35
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 07:21	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 19:27	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.9 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 19:27	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-W-03
Lab Sample ID: 860-100532-7

Date Collected: 05/08/25 10:37
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.99 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 07:46	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 19:42	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 19:42	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-W-04
Lab Sample ID: 860-100532-8

Date Collected: 05/08/25 10:39
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1000	5 mL	5 mL	235935	05/15/25 13:28	MS	EET HOU
Total/NA	Prep	5030C	DL		5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D	DL	10000	5 mL	5 mL	235935	05/15/25 14:18	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/13/25 08:04	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		10			235310	05/13/25 08:04	T1S	EET HOU
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 20:13	T1S	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Client Sample ID: 12669965-20250508-EX-W-05

Lab Sample ID: 860-100532-9
Date Collected: 05/08/25 10:41
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 08:11	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 20:28	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 20:28	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-W-06

Lab Sample ID: 860-100532-10
Date Collected: 05/08/25 10:43
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235629	05/14/25 17:29	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 20:43	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 20:43	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-W-07

Lab Sample ID: 860-100532-11
Date Collected: 05/08/25 10:45
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 09:01	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 20:58	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 20:58	T1S	EET HOU

Client Sample ID: 12669965-20250508-EX-W-08

Lab Sample ID: 860-100532-12
Date Collected: 05/08/25 10:47
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		2000	5 mL	5 mL	235935	05/15/25 13:53	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235545	05/12/25 21:13	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 21:13	T1S	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 860-100532-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100532-1
SDG: 12669965

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-100532-1	12669965-20250508-EX-B-01	Solid	05/08/25 10:25	05/09/25 09:37
860-100532-2	12669965-20250508-EX-B-02	Solid	05/08/25 10:27	05/09/25 09:37
860-100532-3	12669965-20250508-EX-B-03	Solid	05/08/25 10:29	05/09/25 09:37
860-100532-4	12669965-20250508-EX-B-04	Solid	05/08/25 10:31	05/09/25 09:37
860-100532-5	12669965-20250508-EX-W-01	Solid	05/08/25 10:33	05/09/25 09:37
860-100532-6	12669965-20250508-EX-W-02	Solid	05/08/25 10:35	05/09/25 09:37
860-100532-7	12669965-20250508-EX-W-03	Solid	05/08/25 10:37	05/09/25 09:37
860-100532-8	12669965-20250508-EX-W-04	Solid	05/08/25 10:39	05/09/25 09:37
860-100532-9	12669965-20250508-EX-W-05	Solid	05/08/25 10:41	05/09/25 09:37
860-100532-10	12669965-20250508-EX-W-06	Solid	05/08/25 10:43	05/09/25 09:37
860-100532-11	12669965-20250508-EX-W-07	Solid	05/08/25 10:45	05/09/25 09:37
860-100532-12	12669965-20250508-EX-W-08	Solid	05/08/25 10:47	05/09/25 09:37

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CHAIN OF CUSTODY/ANALYSIS REQUEST

Project # / Job #:

Page 1 of 2

5/19/2025

Company: GHD	Sampled By: Hunter Johnson/Carter Swanson	Payment Type: ☐ On Account ☐ Credit Card ☐ Check
Contact Name: Deedee Whittington	Project/Site Name: 12669965	Credit Card #:
Address: 1755 Wittington Pl #50	Enterprise Products Pipeline Release Lee County NM	CVV / Exp. Date: __ __ / __ __
City: Dallas / State: TX / Zip: 75234	Project #: SSOW-1269965-DEL-001	Name on Card (Print):
Phone #: 972-331-5924 / Fax #:	P.O. #:	Signature:
E-mail: Deedee.Whittington@ghd.com	Sample Type: Grab G	Turn Around Time (Rush charges may apply) Standard ____ Other: 5-6 BD day TAT

Analysis Requested (Enter "X" Below to indicate request)

Sample #	Sample Identification	Date	Sample Type	Time	# of containers	BTEX 8260C	TPH 8051B/8051M							For Lab Use Only: Sample Numbers
	12669965-20250508-EX-B-01	5/8/25	G	1025	2	✔	✔							
	12669965-20250508-EX-B-02	5/8/25	G	1027	2	✔	✔							
	12669965-20250508-EX-B-03	5/8/25	G	1029	2	✔	✔							
	12669965-20250508-EX-B-04	5/8/25	G	1031	2	✔	✔							
	12669965-20250508-EX-W-01	5/8/25	G	1033	2	✔	✔							
	12669965-20250508-EX-W-02	5/8/25	G	1035	2	✔	✔							
	12669965-20250508-EX-W-03	5/8/25	G	1037	2	✔	✔							
	12669965-20250508-EX-W-04	5/8/25	G	1039	2	✔	✔							
	12669965-20250508-EX-W-05	5/8/25	G	1041	2	✔	✔							
	12669965-20250508-EX-W-06	5/8/25	G	1043	2	✔	✔							

860-100532 Chain of Custody

Temp: 3 4 IR ID: HOU-368
C/F: -0 1
Corrected Temp: 3 3

Special Instructions/Requirements:

Date	Time	Relinquished By	Company	Received By	Company	Good Condition
5/8/25	16:00	Hunter Johnson	GHD			Yes No
5-9-25	937			Neaman	E	Yes No
						Yes No

Analysis performed is subject to Eurofins EPK Built Environment Testing, LLC AEML Standard Terms and Conditions unless otherwise specified by contract between client and Eurofins AEML.

AEML-DOC-12-COC-REV08

Received by OCD: 10/17/2025 9:23:24 AM
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CHAIN OF CUSTODY/ANALYSIS REQUEST

Project # / Job #:

Page 2 of 2

5/19/2025

Company: GHD	Sampled By: Hunter Johnson/Carter Swanson	Payment Type: ☐ On Account ☐ Credit Card ☐ Check
Contact Name: Deedee Whittington	Project/Site Name: 12669965	Credit Card #:
Address: 1755 Wittington Pl #50	Enterprise Products Pipeline Release - Lee County NM -	CVV / Exp. Date: __/__
City: Dallas / State: TX / Zip: 75234	Project #: SSOW-1269965-DEL-001	Name on Card (Print):
Phone #: 972-331-5924 / Fax #:	P O #:	Signature:

E-mail.

Sample Type: Grab G

Turn Around Time (Rush charges may apply)
Standard ____
Other: 5-6 BD day TAT

Analysis Requested (Enter 'X' Below to indicate request)

Sample #	Sample Identification	Date	Sample Type	Time	# of containers	BTEX 8260C	TPH 8051B/8051M									For Lab Use Only: Sample Numbers
	12669965-20250508-EX-W-07	5/8/25	G	1045	2	✔	✔									
	12669965-20250508-EX-W-08	5/8/25	G	1047	2	✔	✔									

Special Instructions/Requirements:

Date	Time	Relinquished By	Company	Received By	Company	Good Condition
						Yes No
5-9-25	937			Nuaua	E	Yes No
						Yes No

Analysis performed is subject to Eurofins EPK Built Environment Testing, LLC AEML Standard Terms and Conditions unless otherwise specified by contract between client and Eurofins AEML.

AEML-DOC-12-COC-REV08

Received by OCD: 10/17/2025 9:23:24 AM
Released to Imaging: 1/6/2026 3:52:26 PM

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 860-100532-1
SDG Number: 12669965

Login Number: 100532
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

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

Received by OCD: 10/17/2025 9:23:24 AM

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ANALYTICAL REPORT

PREPARED FOR

Attn: Deedee Whittington
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 5/19/2025 2:48:58 PM

JOB DESCRIPTION

Enterprise Products Pipeline Release
12669965

JOB NUMBER

860-100537-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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my EOL

Eurofins Houston

Job Notes

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

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

Authorization

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5/19/2025 2:48:58 PM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

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Definitions/Glossary

Client: GHD Services Inc.
Job ID: 860-100537-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: GHD Services Inc. Job ID: 860-100537-1
Project: Enterprise Products Pipeline Release

Job ID: 860-100537-1 Eurofins Houston

Job Narrative
860-100537-1

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

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

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

Receipt
The samples were received on 5/9/2025 9:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

GC/MS VOA
Method 8260D: Sample is in a bulk jar.

12669965-20250508-SB-03-11-12 (860-100537-5), 12669965-20250508-SB-03-9-10 (860-100537-6), 12669965-20250508-SB-04-13-14 (860-100537-7) and 12669965-20250508-SB-04-4-5 (860-100537-8)

Method 8260D: The following samples were diluted due to the nature of the sample matrix: 12669965-20250508-SB-01-9-10 (860-100537-1) and 12669965-20250508-SB-01-12-13 (860-100537-2). Elevated reporting limits (RLs) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: The following samples were diluted due to the nature of the sample matrix: 12669965-20250508-SB-01-9-10 (860-100537-1) and 12669965-20250508-SB-01-12-13 (860-100537-2). Elevated reporting limits (RLs) are provided. Sample has strong smell. Sample prepped with methanol from a bulk jar.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 12669965-20250508-SB-01-9-10 (860-100537-1). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample was diluted due to sample's odor.>>: 12669965-20250508-SB-01-9-10 (860-100537-1). Elevated reporting limits (RL) are provided. Sample was prepped with methanol from a bulk jar.

Method 8260D: Sample is in a bulk jar.

12669965-20250508-SB-02-10-11 (860-100537-3) and 12669965-20250508-SB-02-9-10 (860-100537-4)

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

Diesel Range Organics
Method 8015MOD_NM: received in bulk jar

12669965-20250508-SB-01-9-10 (860-100537-1), 12669965-20250508-SB-01-12-13 (860-100537-2), 12669965-20250508-SB-02-10-11 (860-100537-3), 12669965-20250508-SB-02-9-10 (860-100537-4), 12669965-20250508-SB-03-11-12 (860-100537-5), 12669965-20250508-SB-03-9-10 (860-100537-6), 12669965-20250508-SB-04-13-14 (860-100537-7) and 12669965-20250508-SB-04-4-5 (860-100537-8)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: 12669965-20250508-SB-02-10-11 (860-100537-3), 12669965-20250508-SB-02-9-10 (860-100537-4), 12669965-20250508-SB-03-11-12 (860-100537-5), 12669965-20250508-SB-03-9-10 (860-100537-6), 12669965-20250508-SB-04-13-14 (860-100537-7) and 12669965-20250508-SB-04-4-5 (860-100537-8). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: 12669965-20250508-SB-01-9-10

Case Narrative

Client: GHD Services Inc.
Job ID: 860-100537-1
Project: Enterprise Products Pipeline Release

Job ID: 860-100537-1 (Continued)
Eurofins Houston

(860-100537-1) and 12669965-20250508-SB-01-12-13 (860-100537-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: see internal comment

Method 8015MOD_NM: Surrogate o-Terphenyl recovery for the following laboratory control sample and laboratory control sample duplicate (LCS/LCSD) was outside the upper control limit: (LCS 860-235127/2-A) and (LCSD 860-235127/3-A). Target ranges were within acceptable limits.

Method 8015MOD_NM: The following samples were diluted to bring the concentration of target analytes within the calibration range: 12669965-20250508-SB-01-9-10 (860-100537-1) and 12669965-20250508-SB-01-12-13 (860-100537-2). Elevated reporting limits (RLs) are provided.

Method 8015MOD_NM: The following samples required a dilution due to the nature of the sample matrix: 12669965-20250508-SB-01-9-10 (860-100537-1) and 12669965-20250508-SB-01-12-13 (860-100537-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-01-9-10 — Lab Sample ID: 860-100537-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	145		50.3		mg/Kg	50000		8260D	Total/NA
Toluene	1930		252		mg/Kg	50000		8260D	Total/NA
Ethylbenzene	567		50.3		mg/Kg	50000		8260D	Total/NA
m,p-Xylenes	2050		101		mg/Kg	50000		8260D	Total/NA
o-Xylene	942		50.3		mg/Kg	50000		8260D	Total/NA
Xylenes, Total	2990		101		mg/Kg	50000		8260D	Total/NA
Total TPH	77200		49.8		mg/Kg	1		8015 NM	Total/NA
Gasoline Range Organics (GRO)-C6-C10	70500		2490		mg/Kg	50		8015B NM	Total/NA
Diesel Range Organics (Over C10-C28)	6660		49.8		mg/Kg	1		8015B NM	Total/NA

Client Sample ID: 12669965-20250508-SB-01-12-13 — Lab Sample ID: 860-100537-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	458		49.8		mg/Kg	50000		8260D	Total/NA
Toluene	3940		249		mg/Kg	50000		8260D	Total/NA
Ethylbenzene	965		49.8		mg/Kg	50000		8260D	Total/NA
m,p-Xylenes	3380		99.6		mg/Kg	50000		8260D	Total/NA
o-Xylene	1550		49.8		mg/Kg	50000		8260D	Total/NA
Xylenes, Total	4930		99.6		mg/Kg	50000		8260D	Total/NA
Total TPH	114000		50.0		mg/Kg	1		8015 NM	Total/NA
Gasoline Range Organics (GRO)-C6-C10	105000		2500		mg/Kg	50		8015B NM	Total/NA
Diesel Range Organics (Over C10-C28)	9200		50.0		mg/Kg	1		8015B NM	Total/NA

Client Sample ID: 12669965-20250508-SB-02-10-11 — Lab Sample ID: 860-100537-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	0.00850		0.00101		mg/Kg	1		8260D	Total/NA
Xylenes, Total	0.00850		0.00202		mg/Kg	1		8260D	Total/NA

Client Sample ID: 12669965-20250508-SB-02-9-10 — Lab Sample ID: 860-100537-4

No Detections.

Client Sample ID: 12669965-20250508-SB-03-11-12 — Lab Sample ID: 860-100537-5

No Detections.

Client Sample ID: 12669965-20250508-SB-03-9-10 — Lab Sample ID: 860-100537-6

No Detections.

Client Sample ID: 12669965-20250508-SB-04-13-14 — Lab Sample ID: 860-100537-7

No Detections.

Client Sample ID: 12669965-20250508-SB-04-4-5 — Lab Sample ID: 860-100537-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-01-9-10

Lab Sample ID: 860-100537-1
Date Collected: 05/08/25 08:27
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	145		50.3		mg/Kg		05/12/25 09:52	05/15/25 12:12	50000
Toluene	1930		252		mg/Kg		05/12/25 09:52	05/15/25 12:12	50000
Ethylbenzene	567		50.3		mg/Kg		05/12/25 09:52	05/15/25 12:12	50000
m,p-Xylenes	2050		101		mg/Kg		05/12/25 09:52	05/15/25 12:12	50000
o-Xylene	942		50.3		mg/Kg		05/12/25 09:52	05/15/25 12:12	50000
Xylenes, Total	2990		101		mg/Kg		05/12/25 09:52	05/15/25 12:12	50000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*05/12/25 09:52*	*05/13/25 04:48*	*500*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*	*05/12/25 09:52*	*05/15/25 12:12*	*50000*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*05/12/25 09:52*	*05/13/25 04:48*	*500*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*05/12/25 09:52*	*05/15/25 12:12*	*50000*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*05/12/25 09:52*	*05/13/25 04:48*	*500*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*05/12/25 09:52*	*05/15/25 12:12*	*50000*
Toluene-d8 (Surr)	*101*		*70 - 130*	*05/12/25 09:52*	*05/13/25 04:48*	*500*
Toluene-d8 (Surr)	*98*		*70 - 130*	*05/12/25 09:52*	*05/15/25 12:12*	*50000*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	77200		49.8		mg/Kg			05/13/25 07:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	70500		2490		mg/Kg		05/12/25 12:48	05/13/25 07:49	50
Diesel Range Organics (Over C10-C28)	6660		49.8		mg/Kg		05/12/25 12:48	05/12/25 21:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*912*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 21:28*	*1*
1-Chlorooctane	*879*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/13/25 07:49*	*50*
o-Terphenyl	*177*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 21:28*	*1*
o-Terphenyl	*279*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/13/25 07:49*	*50*

Client Sample ID: 12669965-20250508-SB-01-12-13

Lab Sample ID: 860-100537-2
Date Collected: 05/08/25 08:29
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	458		49.8		mg/Kg		05/12/25 09:52	05/14/25 23:44	50000
Toluene	3940		249		mg/Kg		05/12/25 09:52	05/14/25 23:44	50000
Ethylbenzene	965		49.8		mg/Kg		05/12/25 09:52	05/14/25 23:44	50000
m,p-Xylenes	3380		99.6		mg/Kg		05/12/25 09:52	05/14/25 23:44	50000
o-Xylene	1550		49.8		mg/Kg		05/12/25 09:52	05/14/25 23:44	50000
Xylenes, Total	4930		99.6		mg/Kg		05/12/25 09:52	05/14/25 23:44	50000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*05/12/25 09:52*	*05/13/25 05:13*	*500*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*	*05/12/25 09:52*	*05/14/25 23:44*	*50000*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*05/12/25 09:52*	*05/13/25 05:13*	*500*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-01-12-13

Lab Sample ID: 860-100537-2
Date Collected: 05/08/25 08:29
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		68 - 152	05/12/25 09:52	05/14/25 23:44	50000
Dibromofluoromethane (Surr)	92		53 - 142	05/12/25 09:52	05/13/25 05:13	500
Dibromofluoromethane (Surr)	90		53 - 142	05/12/25 09:52	05/14/25 23:44	50000
Toluene-d8 (Surr)	93		70 - 130	05/12/25 09:52	05/13/25 05:13	500
Toluene-d8 (Surr)	97		70 - 130	05/12/25 09:52	05/14/25 23:44	50000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**114000**		50.0		mg/Kg			05/13/25 07:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**105000**		2500		mg/Kg		05/12/25 12:48	05/13/25 07:34	50
Diesel Range Organics (Over C10-C28)	**9200**		50.0		mg/Kg		05/12/25 12:48	05/12/25 21:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 21:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	1157	S1+	65 - 130	05/12/25 12:48	05/12/25 21:43	1
1-Chlorooctane	1206	S1+	65 - 130	05/12/25 12:48	05/13/25 07:34	50
o-Terphenyl	172	S1+	65 - 130	05/12/25 12:48	05/12/25 21:43	1
o-Terphenyl	310	S1+	65 - 130	05/12/25 12:48	05/13/25 07:34	50

Client Sample ID: 12669965-20250508-SB-02-10-11

Lab Sample ID: 860-100537-3
Date Collected: 05/08/25 08:55
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		05/15/25 11:15	05/15/25 15:38	1
Toluene	<0.00505	U	0.00505		mg/Kg		05/15/25 11:15	05/15/25 15:38	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		05/15/25 11:15	05/15/25 15:38	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		05/15/25 11:15	05/15/25 15:38	1
o-Xylene	**0.00850**		0.00101		mg/Kg		05/15/25 11:15	05/15/25 15:38	1
Xylenes, Total	**0.00850**		0.00202		mg/Kg		05/15/25 11:15	05/15/25 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		56 - 150	05/15/25 11:15	05/15/25 15:38	1
4-Bromofluorobenzene (Surr)	107		68 - 152	05/15/25 11:15	05/15/25 15:38	1
Dibromofluoromethane (Surr)	96		53 - 142	05/15/25 11:15	05/15/25 15:38	1
Toluene-d8 (Surr)	98		70 - 130	05/15/25 11:15	05/15/25 15:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/12/25 21:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 21:58	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-02-10-11

Lab Sample ID: 860-100537-3
Date Collected: 05/08/25 08:55
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 21:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*155*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 21:58*	*1*
o-Terphenyl	*161*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 21:58*	*1*

Client Sample ID: 12669965-20250508-SB-02-9-10

Lab Sample ID: 860-100537-4
Date Collected: 05/08/25 08:54
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		05/15/25 11:15	05/15/25 15:59	1
Toluene	<0.00497	U	0.00497		mg/Kg		05/15/25 11:15	05/15/25 15:59	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		05/15/25 11:15	05/15/25 15:59	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		05/15/25 11:15	05/15/25 15:59	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		05/15/25 11:15	05/15/25 15:59	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		05/15/25 11:15	05/15/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*05/15/25 11:15*	*05/15/25 15:59*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*05/15/25 11:15*	*05/15/25 15:59*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*	*05/15/25 11:15*	*05/15/25 15:59*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*05/15/25 11:15*	*05/15/25 15:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/12/25 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 22:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 22:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*147*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 22:13*	*1*
o-Terphenyl	*153*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 22:13*	*1*

Client Sample ID: 12669965-20250508-SB-03-11-12

Lab Sample ID: 860-100537-5
Date Collected: 05/08/25 09:15
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 03:08	1
Toluene	<0.00502	U	0.00502		mg/Kg		05/12/25 09:52	05/13/25 03:08	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 03:08	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-03-11-12

Lab Sample ID: 860-100537-5
Date Collected: 05/08/25 09:15
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/13/25 03:08	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 03:08	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/13/25 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*05/12/25 09:52*	*05/13/25 03:08*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*05/12/25 09:52*	*05/13/25 03:08*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*05/12/25 09:52*	*05/13/25 03:08*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*05/12/25 09:52*	*05/13/25 03:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 22:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 22:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 22:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/25 12:48	05/12/25 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*175*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 22:44*	*1*
o-Terphenyl	*183*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 22:44*	*1*

Client Sample ID: 12669965-20250508-SB-03-9-10

Lab Sample ID: 860-100537-6
Date Collected: 05/08/25 09:14
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 03:33	1
Toluene	<0.00495	U	0.00495		mg/Kg		05/12/25 09:52	05/13/25 03:33	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 03:33	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 03:33	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		05/12/25 09:52	05/13/25 03:33	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		05/12/25 09:52	05/13/25 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*05/12/25 09:52*	*05/13/25 03:33*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*05/12/25 09:52*	*05/13/25 03:33*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*	*05/12/25 09:52*	*05/13/25 03:33*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*05/12/25 09:52*	*05/13/25 03:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/12/25 22:59	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-03-9-10

Lab Sample ID: 860-100537-6
Date Collected: 05/08/25 09:14
Matrix: Solid
Date Received: 05/09/25 09:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 22:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 22:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*188*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 22:59*	*1*
o-Terphenyl	*197*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 22:59*	*1*

Client Sample ID: 12669965-20250508-SB-04-13-14

Lab Sample ID: 860-100537-7
Date Collected: 05/08/25 09:46
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		05/12/25 09:52	05/13/25 03:58	1
Toluene	<0.00503	U	0.00503		mg/Kg		05/12/25 09:52	05/13/25 03:58	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		05/12/25 09:52	05/13/25 03:58	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/13/25 03:58	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		05/12/25 09:52	05/13/25 03:58	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/13/25 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*05/12/25 09:52*	*05/13/25 03:58*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*05/12/25 09:52*	*05/13/25 03:58*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*05/12/25 09:52*	*05/13/25 03:58*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*05/12/25 09:52*	*05/13/25 03:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/12/25 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 23:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 23:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/12/25 12:48	05/12/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*190*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 23:14*	*1*
o-Terphenyl	*199*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 23:14*	*1*

Client Sample ID: 12669965-20250508-SB-04-4-5

Lab Sample ID: 860-100537-8
Date Collected: 05/08/25 09:40
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 04:23	1
Toluene	<0.00502	U	0.00502		mg/Kg		05/12/25 09:52	05/13/25 04:23	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-04-4-5

Lab Sample ID: 860-100537-8

Date Collected: 05/08/25 09:40
Matrix: Solid
Date Received: 05/09/25 09:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 04:23	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/13/25 04:23	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		05/12/25 09:52	05/13/25 04:23	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		05/12/25 09:52	05/13/25 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*05/12/25 09:52*	*05/13/25 04:23*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*05/12/25 09:52*	*05/13/25 04:23*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*05/12/25 09:52*	*05/13/25 04:23*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*05/12/25 09:52*	*05/13/25 04:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/12/25 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 23:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 23:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/12/25 12:48	05/12/25 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*199*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 23:29*	*1*
o-Terphenyl	*206*	*S1+*	*65 - 130*	*05/12/25 12:48*	*05/12/25 23:29*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
860-100537-1	12669965-20250508-SB-01-9-10	110	91	93	101
860-100537-1	12669965-20250508-SB-01-9-10	90	96	89	98
860-100537-2	12669965-20250508-SB-01-12-13	102	96	92	93
860-100537-2	12669965-20250508-SB-01-12-13	91	97	90	97
860-100537-3	12669965-20250508-SB-02-10-11	97	107	96	98
860-100537-4	12669965-20250508-SB-02-9-10	98	105	95	97
860-100537-5	12669965-20250508-SB-03-11-12	99	98	93	97
860-100537-6	12669965-20250508-SB-03-9-10	101	98	95	98
860-100537-7	12669965-20250508-SB-04-13-14	110	98	96	95
860-100537-8	12669965-20250508-SB-04-4-5	101	99	96	97
LCS 860-235224/3	Lab Control Sample	91	98	94	100
LCS 860-235629/3	Lab Control Sample	88	93	88	100
LCS 860-235932/3	Lab Control Sample	90	108	92	95
LCS 860-235935/3	Lab Control Sample	88	94	89	99
LCSD 860-235224/4	Lab Control Sample Dup	92	96	91	98
LCSD 860-235629/4	Lab Control Sample Dup	88	95	90	99
LCSD 860-235932/4	Lab Control Sample Dup	92	99	97	97
LCSD 860-235935/4	Lab Control Sample Dup	87	95	90	98
MB 860-235224/8	Method Blank	98	98	96	99
MB 860-235629/8	Method Blank	91	94	91	98
MB 860-235932/8	Method Blank	98	103	95	96
MB 860-235935/8	Method Blank	91	95	90	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(65-130)	(65-130)
860-100537-1	12669965-20250508-SB-01-9-10	912 S1+	177 S1+
860-100537-1	12669965-20250508-SB-01-9-10	879 S1+	279 S1+
860-100537-2	12669965-20250508-SB-01-12-13	1157 S1+	172 S1+
860-100537-2	12669965-20250508-SB-01-12-13	1206 S1+	310 S1+
860-100537-3	12669965-20250508-SB-02-10-11	155 S1+	161 S1+

Surrogate Summary

Client: GHD Services Inc.
Job ID: 860-100537-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		1CO1	OTPH1						
Lab Sample ID	Client Sample ID	(65-130)	(65-130)						
860-100537-4	12669965-20250508-SB-02-9-10	147 S1+	153 S1+						
860-100537-5	12669965-20250508-SB-03-11-12	175 S1+	183 S1+						
860-100537-6	12669965-20250508-SB-03-9-10	188 S1+	197 S1+						
860-100537-7	12669965-20250508-SB-04-13-14	190 S1+	199 S1+						
860-100537-8	12669965-20250508-SB-04-4-5	199 S1+	206 S1+						
LCS 860-235127/2-A	Lab Control Sample	130	144 S1+						
LCSD 860-235127/3-A	Lab Control Sample Dup	129	138 S1+						
MB 860-235127/1-A	Method Blank	112	118						

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-235224/8
Matrix: Solid
Analysis Batch: 235224

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			05/13/25 01:27	1
Toluene	<0.00500	U	0.00500		mg/Kg			05/13/25 01:27	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			05/13/25 01:27	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			05/13/25 01:27	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			05/13/25 01:27	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			05/13/25 01:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*		*05/13/25 01:27*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*		*05/13/25 01:27*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*		*05/13/25 01:27*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*05/13/25 01:27*	*1*

Lab Sample ID: LCS 860-235224/3
Matrix: Solid
Analysis Batch: 235224

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04044		mg/Kg		81	66 - 142
Toluene	0.0500	0.04161		mg/Kg		83	74 - 130
Ethylbenzene	0.0500	0.04203		mg/Kg		84	80 - 130
m,p-Xylenes	0.0500	0.04228		mg/Kg		85	78 - 130
o-Xylene	0.0500	0.04253		mg/Kg		85	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*
Dibromofluoromethane (Surr)	*94*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-235224/4
Matrix: Solid
Analysis Batch: 235224

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04056		mg/Kg		81	66 - 142	0	25
Toluene	0.0500	0.04112		mg/Kg		82	74 - 130	1	25
Ethylbenzene	0.0500	0.04213		mg/Kg		84	80 - 130	0	25
m,p-Xylenes	0.0500	0.04183		mg/Kg		84	78 - 130	1	25
o-Xylene	0.0500	0.04249		mg/Kg		85	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-235629/8
Matrix: Solid
Analysis Batch: 235629

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			05/14/25 14:39	1
Toluene	<0.00500	U	0.00500		mg/Kg			05/14/25 14:39	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			05/14/25 14:39	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			05/14/25 14:39	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			05/14/25 14:39	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			05/14/25 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*		*05/14/25 14:39*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*05/14/25 14:39*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*		*05/14/25 14:39*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/14/25 14:39*	*1*

Lab Sample ID: LCS 860-235629/3
Matrix: Solid
Analysis Batch: 235629

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04828		mg/Kg		97	66 - 142
Toluene	0.0500	0.05018		mg/Kg		100	74 - 130
Ethylbenzene	0.0500	0.05049		mg/Kg		101	80 - 130
m,p-Xylenes	0.0500	0.05034		mg/Kg		101	78 - 130
o-Xylene	0.0500	0.05107		mg/Kg		102	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*
Dibromofluoromethane (Surr)	*88*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-235629/4
Matrix: Solid
Analysis Batch: 235629

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04388		mg/Kg		88	66 - 142	10	25
Toluene	0.0500	0.04568		mg/Kg		91	74 - 130	9	25
Ethylbenzene	0.0500	0.04586		mg/Kg		92	80 - 130	10	25
m,p-Xylenes	0.0500	0.04557		mg/Kg		91	78 - 130	10	25
o-Xylene	0.0500	0.04622		mg/Kg		92	79 - 130	10	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*90*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-235932/8
Matrix: Solid
Analysis Batch: 235932

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			05/15/25 11:05	1
Toluene	<0.00500	U	0.00500		mg/Kg			05/15/25 11:05	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			05/15/25 11:05	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			05/15/25 11:05	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			05/15/25 11:05	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			05/15/25 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*		*05/15/25 11:05*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*		*05/15/25 11:05*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*		*05/15/25 11:05*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*05/15/25 11:05*	*1*

Lab Sample ID: LCS 860-235932/3
Matrix: Solid
Analysis Batch: 235932

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04768		mg/Kg		95	66 - 142
Toluene	0.0500	0.04332		mg/Kg		87	74 - 130
Ethylbenzene	0.0500	0.04687		mg/Kg		94	80 - 130
m,p-Xylenes	0.0500	0.04650		mg/Kg		93	78 - 130
o-Xylene	0.0500	0.04612		mg/Kg		92	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*
4-Bromofluorobenzene (Surr)	*108*		*68 - 152*
Dibromofluoromethane (Surr)	*92*		*53 - 142*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 860-235932/4
Matrix: Solid
Analysis Batch: 235932

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04563		mg/Kg		91	66 - 142	4	25
Toluene	0.0500	0.04199		mg/Kg		84	74 - 130	3	25
Ethylbenzene	0.0500	0.04562		mg/Kg		91	80 - 130	3	25
m,p-Xylenes	0.0500	0.04515		mg/Kg		90	78 - 130	3	25
o-Xylene	0.0500	0.04539		mg/Kg		91	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*97*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-235935/8
Matrix: Solid
Analysis Batch: 235935

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			05/15/25 10:53	1
Toluene	<0.00500	U	0.00500		mg/Kg			05/15/25 10:53	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			05/15/25 10:53	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			05/15/25 10:53	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			05/15/25 10:53	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			05/15/25 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*		*05/15/25 10:53*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*		*05/15/25 10:53*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*		*05/15/25 10:53*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/15/25 10:53*	*1*

Lab Sample ID: LCS 860-235935/3
Matrix: Solid
Analysis Batch: 235935

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04212		mg/Kg		84	66 - 142
Toluene	0.0500	0.04423		mg/Kg		88	74 - 130
Ethylbenzene	0.0500	0.04486		mg/Kg		90	80 - 130
m,p-Xylenes	0.0500	0.04498		mg/Kg		90	78 - 130
o-Xylene	0.0500	0.04574		mg/Kg		91	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*89*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 860-235935/4
Matrix: Solid
Analysis Batch: 235935

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.03849		mg/Kg		77	66 - 142	9	25
Toluene	0.0500	0.04065		mg/Kg		81	74 - 130	8	25
Ethylbenzene	0.0500	0.04170		mg/Kg		83	80 - 130	7	25
m,p-Xylenes	0.0500	0.04190		mg/Kg		84	78 - 130	7	25
o-Xylene	0.0500	0.04259		mg/Kg		85	79 - 130	7	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*90*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 860-235127/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 234993 — **Prep Batch: 235127**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 17:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 12:48	05/12/25 17:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*65 - 130*	*05/12/25 12:48*	*05/12/25 17:56*	*1*
o-Terphenyl	*118*		*65 - 130*	*05/12/25 12:48*	*05/12/25 17:56*	*1*

Lab Sample ID: LCS 860-235127/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 234993 — **Prep Batch: 235127**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1105		mg/Kg		110	74 - 132
Diesel Range Organics (Over C10-C28)	1000	1151		mg/Kg		115	74 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*130*		*65 - 130*
o-Terphenyl	*144*	*S1+*	*65 - 130*

Lab Sample ID: LCSD 860-235127/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 234993 — **Prep Batch: 235127**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1047		mg/Kg		105	74 - 132	5	35
Diesel Range Organics (Over C10-C28)	1000	1130		mg/Kg		113	74 - 134	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*129*		*65 - 130*
o-Terphenyl	*138*	*S1+*	*65 - 130*

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

GC/MS VOA

Prep Batch: 235058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-1	12669965-20250508-SB-01-9-10	Total/NA	Solid	5030C	
860-100537-2	12669965-20250508-SB-01-12-13	Total/NA	Solid	5030C	
860-100537-5	12669965-20250508-SB-03-11-12	Total/NA	Solid	5030C	
860-100537-6	12669965-20250508-SB-03-9-10	Total/NA	Solid	5030C	
860-100537-7	12669965-20250508-SB-04-13-14	Total/NA	Solid	5030C	
860-100537-8	12669965-20250508-SB-04-4-5	Total/NA	Solid	5030C	

Analysis Batch: 235224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-1	12669965-20250508-SB-01-9-10	Total/NA	Solid	8260D	235058
860-100537-2	12669965-20250508-SB-01-12-13	Total/NA	Solid	8260D	235058
860-100537-5	12669965-20250508-SB-03-11-12	Total/NA	Solid	8260D	235058
860-100537-6	12669965-20250508-SB-03-9-10	Total/NA	Solid	8260D	235058
860-100537-7	12669965-20250508-SB-04-13-14	Total/NA	Solid	8260D	235058
860-100537-8	12669965-20250508-SB-04-4-5	Total/NA	Solid	8260D	235058
MB 860-235224/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-235224/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-235224/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 235629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-2	12669965-20250508-SB-01-12-13	Total/NA	Solid	8260D	235058
MB 860-235629/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-235629/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-235629/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 235932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-3	12669965-20250508-SB-02-10-11	Total/NA	Solid	8260D	236020
860-100537-4	12669965-20250508-SB-02-9-10	Total/NA	Solid	8260D	236020
MB 860-235932/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-235932/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-235932/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 235935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-1	12669965-20250508-SB-01-9-10	Total/NA	Solid	8260D	235058
MB 860-235935/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-235935/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-235935/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 236020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-3	12669965-20250508-SB-02-10-11	Total/NA	Solid	5030C	
860-100537-4	12669965-20250508-SB-02-9-10	Total/NA	Solid	5030C	

GC Semi VOA

Analysis Batch: 234993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-1	12669965-20250508-SB-01-9-10	Total/NA	Solid	8015B NM	235127

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

GC Semi VOA (Continued)

Analysis Batch: 234993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-2	12669965-20250508-SB-01-12-13	Total/NA	Solid	8015B NM	235127
860-100537-3	12669965-20250508-SB-02-10-11	Total/NA	Solid	8015B NM	235127
860-100537-4	12669965-20250508-SB-02-9-10	Total/NA	Solid	8015B NM	235127
860-100537-5	12669965-20250508-SB-03-11-12	Total/NA	Solid	8015B NM	235127
860-100537-6	12669965-20250508-SB-03-9-10	Total/NA	Solid	8015B NM	235127
860-100537-7	12669965-20250508-SB-04-13-14	Total/NA	Solid	8015B NM	235127
860-100537-8	12669965-20250508-SB-04-4-5	Total/NA	Solid	8015B NM	235127
MB 860-235127/1-A	Method Blank	Total/NA	Solid	8015B NM	235127
LCS 860-235127/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	235127
LCSD 860-235127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	235127

Prep Batch: 235127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-1	12669965-20250508-SB-01-9-10	Total/NA	Solid	8015NM Prep	
860-100537-2	12669965-20250508-SB-01-12-13	Total/NA	Solid	8015NM Prep	
860-100537-3	12669965-20250508-SB-02-10-11	Total/NA	Solid	8015NM Prep	
860-100537-4	12669965-20250508-SB-02-9-10	Total/NA	Solid	8015NM Prep	
860-100537-5	12669965-20250508-SB-03-11-12	Total/NA	Solid	8015NM Prep	
860-100537-6	12669965-20250508-SB-03-9-10	Total/NA	Solid	8015NM Prep	
860-100537-7	12669965-20250508-SB-04-13-14	Total/NA	Solid	8015NM Prep	
860-100537-8	12669965-20250508-SB-04-4-5	Total/NA	Solid	8015NM Prep	
MB 860-235127/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-235127/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-235127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 235310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-1	12669965-20250508-SB-01-9-10	Total/NA	Solid	8015B NM	235127
860-100537-2	12669965-20250508-SB-01-12-13	Total/NA	Solid	8015B NM	235127

Analysis Batch: 235546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100537-1	12669965-20250508-SB-01-9-10	Total/NA	Solid	8015 NM	
860-100537-2	12669965-20250508-SB-01-12-13	Total/NA	Solid	8015 NM	
860-100537-3	12669965-20250508-SB-02-10-11	Total/NA	Solid	8015 NM	
860-100537-4	12669965-20250508-SB-02-9-10	Total/NA	Solid	8015 NM	
860-100537-5	12669965-20250508-SB-03-11-12	Total/NA	Solid	8015 NM	
860-100537-6	12669965-20250508-SB-03-9-10	Total/NA	Solid	8015 NM	
860-100537-7	12669965-20250508-SB-04-13-14	Total/NA	Solid	8015 NM	
860-100537-8	12669965-20250508-SB-04-4-5	Total/NA	Solid	8015 NM	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-01-9-10

Lab Sample ID: 860-100537-1
Date Collected: 05/08/25 08:27
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.97 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		500	5 mL	5 mL	235224	05/13/25 04:48	MTMG	EET HOU
Total/NA	Prep	5030C			4.97 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		50000	5 mL	5 mL	235935	05/15/25 12:12	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/13/25 07:49	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		50			235310	05/13/25 07:49	T1S	EET HOU
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 21:28	T1S	EET HOU

Client Sample ID: 12669965-20250508-SB-01-12-13

Lab Sample ID: 860-100537-2
Date Collected: 05/08/25 08:29
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		500	5 mL	5 mL	235224	05/13/25 05:13	MTMG	EET HOU
Total/NA	Prep	5030C			5.02 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		50000	5 mL	5 mL	235629	05/14/25 23:44	MS	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/13/25 07:34	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		50			235310	05/13/25 07:34	T1S	EET HOU
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 21:43	T1S	EET HOU

Client Sample ID: 12669965-20250508-SB-02-10-11

Lab Sample ID: 860-100537-3
Date Collected: 05/08/25 08:55
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.95 g	5 mL	236020	05/15/25 11:15	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235932	05/15/25 15:38	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/12/25 21:58	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 21:58	T1S	EET HOU

Client Sample ID: 12669965-20250508-SB-02-9-10

Lab Sample ID: 860-100537-4
Date Collected: 05/08/25 08:54
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	236020	05/15/25 11:15	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235932	05/15/25 15:59	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/12/25 22:13	RJT	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-02-9-10
Lab Sample ID: 860-100537-4

Date Collected: 05/08/25 08:54
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 22:13	T1S	EET HOU

Client Sample ID: 12669965-20250508-SB-03-11-12
Lab Sample ID: 860-100537-5

Date Collected: 05/08/25 09:15
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 03:08	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/12/25 22:44	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 22:44	T1S	EET HOU

Client Sample ID: 12669965-20250508-SB-03-9-10
Lab Sample ID: 860-100537-6

Date Collected: 05/08/25 09:14
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 03:33	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/12/25 22:59	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 22:59	T1S	EET HOU

Client Sample ID: 12669965-20250508-SB-04-13-14
Lab Sample ID: 860-100537-7

Date Collected: 05/08/25 09:46
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.97 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 03:58	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/12/25 23:14	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 23:14	T1S	EET HOU

Client Sample ID: 12669965-20250508-SB-04-4-5
Lab Sample ID: 860-100537-8

Date Collected: 05/08/25 09:40
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	235058	05/12/25 09:52	MS	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	235224	05/13/25 04:23	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			235546	05/12/25 23:29	RJT	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Client Sample ID: 12669965-20250508-SB-04-4-5

Lab Sample ID: 860-100537-8

Date Collected: 05/08/25 09:40
Matrix: Solid
Date Received: 05/09/25 09:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	235127	05/12/25 12:48	TH	EET HOU
Total/NA	Analysis	8015B NM		1			234993	05/12/25 23:29	T1S	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 860-100537-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-100537-1
SDG: 12669965

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-100537-1	12669965-20250508-SB-01-9-10	Solid	05/08/25 08:27	05/09/25 09:37
860-100537-2	12669965-20250508-SB-01-12-13	Solid	05/08/25 08:29	05/09/25 09:37
860-100537-3	12669965-20250508-SB-02-10-11	Solid	05/08/25 08:55	05/09/25 09:37
860-100537-4	12669965-20250508-SB-02-9-10	Solid	05/08/25 08:54	05/09/25 09:37
860-100537-5	12669965-20250508-SB-03-11-12	Solid	05/08/25 09:15	05/09/25 09:37
860-100537-6	12669965-20250508-SB-03-9-10	Solid	05/08/25 09:14	05/09/25 09:37
860-100537-7	12669965-20250508-SB-04-13-14	Solid	05/08/25 09:46	05/09/25 09:37
860-100537-8	12669965-20250508-SB-04-4-5	Solid	05/08/25 09:40	05/09/25 09:37

eurofins | Built Environment Testing AEML
4145 Greenbriar Dr Stafford, TX 77477
Phone: 281-240-4200 Fax: 954-333-8151
www.aemlinc.com

CHAIN OF CUSTODY/ANALYSIS REQUEST

Project # / Job #:

Page 2 of 1

5/19/2025

Company: GHD	Sampled By: Hunter Johnson/Carter Swanson	Payment Type: ☑ On Account ☐ Credit Card ☐ Check
Contact Name: Deedee Whittington	Project/Site Name: 12669965	Credit Card #:
Address: 1755 Wittington Pl #50	Enterprise Products Pipeline Release Lee County NM	CVV / Exp. Date: __ __ / __ __
City: Dallas / State: TX / Zip: 75234	Project #: SSOW-1269965-DEL-001	Name on Card (Print):
Phone #: 972-331-5924 / Fax #:	P O. #:	Signature:
E-mail: deedee whittington@ghd.com	Sample Type: Grab G	Turn Around Time (Rush charges may apply) Standard ____ Other: 5-6 BD day TAT

Analysis Requested (Enter "X" Below to indicate request)

Sample #:	Sample Identification	Date	Sample Type	Time	# of containers	BTEX 8260C	TPH 8051B/8051M								For Lab Use Only: Sample Numbers
	12669965-20250508-SB-01-9'-10'	5/8/25	G	0827	2	✔	✔								
	12669965-20250508-SB-01-12'-13'	5/8/25	G	0829	2	✔	✔								
	12669965-20250508-SB-02-10'-11	5/8/25	G	0855	2	✔	✔								
	12669965-20250508-SB-02-9'-10'	5/8/25	G	0854	2	✔	✔								
	12669965-20250508-SB-03-11-12'	5/8/25	G	0915	2	✔	✔								
	12669965-20250508-SB-03-9'-10'	5/8/25	G	0914	2	✔	✔								
	12669965-20250508-SB-04-13-14	5/8/25	G	0946	2	✔	✔								
	12669965-20250508-SB-04-4-5'	5/8/25	G	0940	2	✔	✔								

860-100537 Chain of Custody

Temp: 3.1 IR ID:HOU-368
C/F: -0.1
Corrected Temp: 3.0

Special Instructions/Requirements:

Date	Time	Relinquished By	Company	Received By	Company	Good Condition
5/8/25	16:00	Hunter Johnson	GHD			Yes No
5-9-25	937			Nuamor	E	Yes No
						Yes No

Analysis performed is subject to Eurofins EPK Built Environment Testing, LLC AEML Standard Terms and Conditions unless otherwise specified by contract between client and Eurofins AEML.

AEML-DOC-12-COC-REV08

Received by OCD: 10/17/2025 9:23:24 AM
Released to Imaging: 1/6/2026 3:52:26 PM

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 860-100537-1
SDG Number: 12669965

Login Number: 100537
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

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

Received by OCD: 10/17/2025 9:23:24 AM

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ANALYTICAL REPORT

PREPARED FOR

Attn: Deedee Whittington
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 6/27/2025 2:28:10 PM Revision 1

JOB DESCRIPTION

Enterprise Products Pipeline Release
12669965

JOB NUMBER

860-104085-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 1/6/2026 3:32:26 PM

my EOL

Eurofins Houston

Job Notes

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

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

Authorization

Generated
6/27/2025 2:28:10 PM
Revision 1

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

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Definitions/Glossary

Client: GHD Services Inc.
Job ID: 860-104085-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: GHD Services Inc. Job ID: 860-104085-1
Project: Enterprise Products Pipeline Release

Job ID: 860-104085-1 Eurofins Houston

Job Narrative
860-104085-1

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

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

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

Revision
The report being provided is a revision of the original report sent on 6/26/2025. The report (revision 1) is being revised due to: 6.27.2025: per Deedee Whittington, could you please rename the samples on this report, see below:

Rename SB-04 to SB-08
Rename SB-05 to SB-09
Rename SB-06 to SB-10
Rename SB-07 to SB-11
Rename SB-08 to SB-12.

Comments
6.24.25 @ 5:42 p.m. per Deedee Whittington, Please remove hold and run sample SB-09 (24-25) on 1 Day TAT. We will not be running the other samples on hold.. TAT starts 6.25.25 @ 8 a.m.

Receipt
The samples were received on 6/20/2025 9:07 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2º C.

GC/MS VOA
Method 8260D: Sample is in a bulk jar.

12669965-06182025-CS-SB-08-14-15 (860-104085-1)

Method 8260D: The following samples were diluted due to it being rocks: 12669965-06182025-CS-SB-08-24-25 (860-104085-2), 12669965-06182025-CS-SB-09-14-15 (860-104085-3), 12669965-06182025-CSSB-10-14-15 (860-104085-5), 12669965-06182025-CS-SB-10-24-25 (860-104085-6), 12669965-06182025-CS-SB-11-19-20 (860-104085-8), 12669965-06182025-CS-SB-12-19-20 (860-104085-10) and 12669965-06182025-CS-SB-12-24-25 (860-104085-11). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: The following samples were diluted due to it being rocks: 12669965-06182025-CS-SB-09-24-25 (860-104085-4) and (860-104085-B-4-D MS). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: The matrix spike (MS) recoveries for preparation batch 860-245068 and analytical batch 860-245037 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The laboratory control sample (LCS) for analytical batch 860-245037 recovered outside control limits for the following analytes: Chloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC Semi VOA
Method 8015B NM: Surrogate recovery for the following samples were outside the upper control limit: 12669965-06182025-CS-SB-08-24-25 (860-104085-2), 12669965-06182025-CS-SB-09-14-15 (860-104085-3), 12669965-06182025-CSSB-10-14-15 (860-104085-5), 12669965-06182025-CS-SB-10-24-25 (860-104085-6), 12669965-06182025-CS-SB-11-19-20 (860-104085-8),

Case Narrative

Client: GHD Services Inc.
Job ID: 860-104085-1
Project: Enterprise Products Pipeline Release

Job ID: 860-104085-1 (Continued)
Eurofins Houston

12669965-06182025-CS-SB-12-19-20 (860-104085-10) and 12669965-06182025-CS-SB-12-24-25 (860-104085-11). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: 12669965-06182025-CS-SB-09-24-25 (860-104085-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for 244415 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 860-244415 recovered above the upper control limit for Diesel Range Organics (Over C10-C28) . The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 860-244415/40).

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

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

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

Detection Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-08-14-15 — Lab Sample ID: 860-104085-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	41.9		9.88		mg/Kg	1		300.0	Total/NA

Client Sample ID: 12669965-06182025-CS-SB-08-24-25 — Lab Sample ID: 860-104085-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylenes	0.205		0.101		mg/Kg	50		8260D	Total/NA
o-Xylene	0.105		0.0503		mg/Kg	50		8260D	Total/NA
Xylenes, Total	0.310		0.101		mg/Kg	50		8260D	Total/NA
Total BTEX	0.310		0.101		mg/Kg	1		Total BTEX	Total/NA
Total TPH	363		49.8		mg/Kg	1		8015 NM	Total/NA
Diesel Range Organics (Over C10-C28)	363		49.8		mg/Kg	1		8015B NM	Total/NA

Client Sample ID: 12669965-06182025-CS-SB-09-14-15 — Lab Sample ID: 860-104085-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10.6		9.71		mg/Kg	1		300.0	Total/NA

Client Sample ID: 12669965-06182025-CS-SB-09-24-25 — Lab Sample ID: 860-104085-4

No Detections.

Client Sample ID: 12669965-06182025-CSSB-10-14-15 — Lab Sample ID: 860-104085-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11.0		9.86		mg/Kg	1		300.0	Total/NA

Client Sample ID: 12669965-06182025-CS-SB-10-24-25 — Lab Sample ID: 860-104085-6

No Detections.

Client Sample ID: 12669965-06182025-CS-SB-11-19-20 — Lab Sample ID: 860-104085-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.82		9.75		mg/Kg	1		300.0	Total/NA

Client Sample ID: 12669965-06182025-CS-SB-12-19-20 — Lab Sample ID: 860-104085-10

No Detections.

Client Sample ID: 12669965-06182025-CS-SB-12-24-25 — Lab Sample ID: 860-104085-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-08-14-15

Lab Sample ID: 860-104085-1
Date Collected: 06/18/25 08:45
Matrix: Solid
Date Received: 06/20/25 09:07

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		06/23/25 10:15	06/23/25 12:54	1
Toluene	<0.00499	U	0.00499		mg/Kg		06/23/25 10:15	06/23/25 12:54	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		06/23/25 10:15	06/23/25 12:54	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		06/23/25 10:15	06/23/25 12:54	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		06/23/25 10:15	06/23/25 12:54	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		06/23/25 10:15	06/23/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*06/23/25 10:15*	*06/23/25 12:54*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*06/23/25 10:15*	*06/23/25 12:54*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*06/23/25 10:15*	*06/23/25 12:54*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*06/23/25 10:15*	*06/23/25 12:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			06/23/25 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/23/25 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 13:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 13:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*65 - 130*	*06/23/25 06:38*	*06/23/25 13:23*	*1*
o-Terphenyl	*126*		*65 - 130*	*06/23/25 06:38*	*06/23/25 13:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.9**		9.88		mg/Kg		06/23/25 17:20	06/24/25 10:52	1

Client Sample ID: 12669965-06182025-CS-SB-08-24-25

Lab Sample ID: 860-104085-2
Date Collected: 06/18/25 09:10
Matrix: Solid
Date Received: 06/20/25 09:07

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		06/23/25 10:15	06/23/25 13:15	50
Toluene	<0.252	U	0.252		mg/Kg		06/23/25 10:15	06/23/25 13:15	50
Ethylbenzene	<0.0503	U	0.0503		mg/Kg		06/23/25 10:15	06/23/25 13:15	50
m,p-Xylenes	**0.205**		0.101		mg/Kg		06/23/25 10:15	06/23/25 13:15	50
o-Xylene	**0.105**		0.0503		mg/Kg		06/23/25 10:15	06/23/25 13:15	50
Xylenes, Total	**0.310**		0.101		mg/Kg		06/23/25 10:15	06/23/25 13:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*06/23/25 10:15*	*06/23/25 13:15*	*50*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-08-24-25
Lab Sample ID: 860-104085-2

Date Collected: 06/18/25 09:10
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		68 - 152	06/23/25 10:15	06/23/25 13:15	50
Dibromofluoromethane (Surr)	93		53 - 142	06/23/25 10:15	06/23/25 13:15	50
Toluene-d8 (Surr)	91		70 - 130	06/23/25 10:15	06/23/25 13:15	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.310**		0.101		mg/Kg			06/23/25 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**363**		49.8		mg/Kg			06/23/25 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/23/25 06:38	06/23/25 13:38	1
Diesel Range Organics (Over C10-C28)	**363**		49.8		mg/Kg		06/23/25 06:38	06/23/25 13:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/23/25 06:38	06/23/25 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	65 - 130	06/23/25 06:38	06/23/25 13:38	1
o-Terphenyl	132	S1+	65 - 130	06/23/25 06:38	06/23/25 13:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.60	U	9.60		mg/Kg		06/23/25 17:20	06/24/25 11:14	1

Client Sample ID: 12669965-06182025-CS-SB-09-14-15
Lab Sample ID: 860-104085-3

Date Collected: 06/18/25 09:47
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0495	U	0.0495		mg/Kg		06/23/25 10:15	06/23/25 13:41	50
Toluene	<0.248	U	0.248		mg/Kg		06/23/25 10:15	06/23/25 13:41	50
Ethylbenzene	<0.0495	U	0.0495		mg/Kg		06/23/25 10:15	06/23/25 13:41	50
m,p-Xylenes	<0.0990	U	0.0990		mg/Kg		06/23/25 10:15	06/23/25 13:41	50
o-Xylene	<0.0495	U	0.0495		mg/Kg		06/23/25 10:15	06/23/25 13:41	50
Xylenes, Total	<0.0990	U	0.0990		mg/Kg		06/23/25 10:15	06/23/25 13:41	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150	06/23/25 10:15	06/23/25 13:41	50
4-Bromofluorobenzene (Surr)	95		68 - 152	06/23/25 10:15	06/23/25 13:41	50
Dibromofluoromethane (Surr)	92		53 - 142	06/23/25 10:15	06/23/25 13:41	50
Toluene-d8 (Surr)	93		70 - 130	06/23/25 10:15	06/23/25 13:41	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0990	U	0.0990		mg/Kg			06/23/25 13:41	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-09-14-15

Lab Sample ID: 860-104085-3
Date Collected: 06/18/25 09:47
Matrix: Solid
Date Received: 06/20/25 09:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/23/25 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/23/25 06:38	06/23/25 13:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/23/25 06:38	06/23/25 13:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/23/25 06:38	06/23/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*138*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 13:54*	*1*
o-Terphenyl	*134*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 13:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		9.71		mg/Kg		06/23/25 17:20	06/24/25 11:21	1

Client Sample ID: 12669965-06182025-CS-SB-09-24-25

Lab Sample ID: 860-104085-4
Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/20/25 09:07

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500		mg/Kg		06/26/25 10:06	06/26/25 12:15	50
Toluene	<0.250	U	0.250		mg/Kg		06/26/25 10:06	06/26/25 12:15	50
Ethylbenzene	<0.0500	U	0.0500		mg/Kg		06/26/25 10:06	06/26/25 12:15	50
m,p-Xylenes	<0.100	U	0.100		mg/Kg		06/26/25 10:06	06/26/25 12:15	50
o-Xylene	<0.0500	U	0.0500		mg/Kg		06/26/25 10:06	06/26/25 12:15	50
Xylenes, Total	<0.100	U	0.100		mg/Kg		06/26/25 10:06	06/26/25 12:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*06/26/25 10:06*	*06/26/25 12:15*	*50*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*06/26/25 10:06*	*06/26/25 12:15*	*50*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*06/26/25 10:06*	*06/26/25 12:15*	*50*
Toluene-d8 (Surr)	*97*		*70 - 130*	*06/26/25 10:06*	*06/26/25 12:15*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.100	U	0.100		mg/Kg			06/26/25 12:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/25/25 10:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *+	49.7		mg/Kg		06/25/25 09:34	06/25/25 10:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		06/25/25 09:34	06/25/25 10:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/25/25 09:34	06/25/25 10:41	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-09-24-25
Lab Sample ID: 860-104085-4

Date Collected: 06/18/25 10:00
Date Received: 06/20/25 09:07
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	65 - 130	06/25/25 09:34	06/25/25 10:41	1
o-Terphenyl	126		65 - 130	06/25/25 09:34	06/25/25 10:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.69	U	9.69		mg/Kg		06/25/25 16:24	06/26/25 01:03	1

Client Sample ID: 12669965-06182025-CSSB-10-14-15
Lab Sample ID: 860-104085-5

Date Collected: 06/18/25 10:57
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:01	50
Toluene	<0.249	U	0.249		mg/Kg		06/23/25 10:15	06/23/25 14:01	50
Ethylbenzene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:01	50
m,p-Xylenes	<0.0994	U	0.0994		mg/Kg		06/23/25 10:15	06/23/25 14:01	50
o-Xylene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:01	50
Xylenes, Total	<0.0994	U	0.0994		mg/Kg		06/23/25 10:15	06/23/25 14:01	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		56 - 150	06/23/25 10:15	06/23/25 14:01	50
4-Bromofluorobenzene (Surr)	93		68 - 152	06/23/25 10:15	06/23/25 14:01	50
Dibromofluoromethane (Surr)	94		53 - 142	06/23/25 10:15	06/23/25 14:01	50
Toluene-d8 (Surr)	91		70 - 130	06/23/25 10:15	06/23/25 14:01	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0994	U	0.0994		mg/Kg			06/23/25 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/23/25 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/23/25 06:38	06/23/25 14:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/23/25 06:38	06/23/25 14:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/23/25 06:38	06/23/25 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	65 - 130	06/23/25 06:38	06/23/25 14:10	1
o-Terphenyl	140	S1+	65 - 130	06/23/25 06:38	06/23/25 14:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.0**		9.86		mg/Kg		06/23/25 17:20	06/24/25 11:28	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-10-24-25
Lab Sample ID: 860-104085-6

Date Collected: 06/18/25 11:45
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:22	50
Toluene	<0.249	U	0.249		mg/Kg		06/23/25 10:15	06/23/25 14:22	50
Ethylbenzene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:22	50
m,p-Xylenes	<0.0994	U	0.0994		mg/Kg		06/23/25 10:15	06/23/25 14:22	50
o-Xylene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:22	50
Xylenes, Total	<0.0994	U	0.0994		mg/Kg		06/23/25 10:15	06/23/25 14:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*06/23/25 10:15*	*06/23/25 14:22*	*50*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*06/23/25 10:15*	*06/23/25 14:22*	*50*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*06/23/25 10:15*	*06/23/25 14:22*	*50*
Toluene-d8 (Surr)	*91*		*70 - 130*	*06/23/25 10:15*	*06/23/25 14:22*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0994	U	0.0994		mg/Kg			06/23/25 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/23/25 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/23/25 06:38	06/23/25 14:26	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/23/25 06:38	06/23/25 14:26	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/23/25 06:38	06/23/25 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 14:26*	*1*
o-Terphenyl	*126*		*65 - 130*	*06/23/25 06:38*	*06/23/25 14:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg		06/23/25 17:20	06/24/25 11:36	1

Client Sample ID: 12669965-06182025-CS-SB-11-19-20
Lab Sample ID: 860-104085-8

Date Collected: 06/18/25 13:15
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:43	50
Toluene	<0.249	U	0.249		mg/Kg		06/23/25 10:15	06/23/25 14:43	50
Ethylbenzene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:43	50
m,p-Xylenes	<0.0994	U	0.0994		mg/Kg		06/23/25 10:15	06/23/25 14:43	50
o-Xylene	<0.0497	U	0.0497		mg/Kg		06/23/25 10:15	06/23/25 14:43	50
Xylenes, Total	<0.0994	U	0.0994		mg/Kg		06/23/25 10:15	06/23/25 14:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*	*06/23/25 10:15*	*06/23/25 14:43*	*50*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-11-19-20
Lab Sample ID: 860-104085-8

Date Collected: 06/18/25 13:15
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*06/23/25 10:15*	*06/23/25 14:43*	*50*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*06/23/25 10:15*	*06/23/25 14:43*	*50*
Toluene-d8 (Surr)	*92*		*70 - 130*	*06/23/25 10:15*	*06/23/25 14:43*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0994	U	0.0994		mg/Kg			06/23/25 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/23/25 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 14:43*	*1*
o-Terphenyl	*128*		*65 - 130*	*06/23/25 06:38*	*06/23/25 14:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.82**		9.75		mg/Kg		06/23/25 17:20	06/24/25 11:58	1

Client Sample ID: 12669965-06182025-CS-SB-12-19-20
Lab Sample ID: 860-104085-10

Date Collected: 06/18/25 00:00
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0496	U	0.0496		mg/Kg		06/23/25 10:15	06/23/25 15:04	50
Toluene	<0.248	U	0.248		mg/Kg		06/23/25 10:15	06/23/25 15:04	50
Ethylbenzene	<0.0496	U	0.0496		mg/Kg		06/23/25 10:15	06/23/25 15:04	50
m,p-Xylenes	<0.0992	U	0.0992		mg/Kg		06/23/25 10:15	06/23/25 15:04	50
o-Xylene	<0.0496	U	0.0496		mg/Kg		06/23/25 10:15	06/23/25 15:04	50
Xylenes, Total	<0.0992	U	0.0992		mg/Kg		06/23/25 10:15	06/23/25 15:04	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*06/23/25 10:15*	*06/23/25 15:04*	*50*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*06/23/25 10:15*	*06/23/25 15:04*	*50*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*06/23/25 10:15*	*06/23/25 15:04*	*50*
Toluene-d8 (Surr)	*93*		*70 - 130*	*06/23/25 10:15*	*06/23/25 15:04*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0992	U	0.0992		mg/Kg			06/23/25 15:04	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-12-19-20
Lab Sample ID: 860-104085-10

Date Collected: 06/18/25 00:00
Date Received: 06/20/25 09:07
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/23/25 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/23/25 06:38	06/23/25 15:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/23/25 06:38	06/23/25 15:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/23/25 06:38	06/23/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 15:00*	*1*
o-Terphenyl	*146*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 15:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.33	U	9.33		mg/Kg		06/23/25 17:20	06/24/25 12:05	1

Client Sample ID: 12669965-06182025-CS-SB-12-24-25
Lab Sample ID: 860-104085-11

Date Collected: 06/18/25 15:35
Date Received: 06/20/25 09:07
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0496	U	0.0496		mg/Kg		06/23/25 10:15	06/23/25 15:25	50
Toluene	<0.248	U	0.248		mg/Kg		06/23/25 10:15	06/23/25 15:25	50
Ethylbenzene	<0.0496	U	0.0496		mg/Kg		06/23/25 10:15	06/23/25 15:25	50
m,p-Xylenes	<0.0992	U	0.0992		mg/Kg		06/23/25 10:15	06/23/25 15:25	50
o-Xylene	<0.0496	U	0.0496		mg/Kg		06/23/25 10:15	06/23/25 15:25	50
Xylenes, Total	<0.0992	U	0.0992		mg/Kg		06/23/25 10:15	06/23/25 15:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*06/23/25 10:15*	*06/23/25 15:25*	*50*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*06/23/25 10:15*	*06/23/25 15:25*	*50*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*06/23/25 10:15*	*06/23/25 15:25*	*50*
Toluene-d8 (Surr)	*92*		*70 - 130*	*06/23/25 10:15*	*06/23/25 15:25*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0992	U	0.0992		mg/Kg			06/23/25 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/23/25 15:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/23/25 06:38	06/23/25 15:23	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/23/25 06:38	06/23/25 15:23	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/23/25 06:38	06/23/25 15:23	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-12-24-25

Lab Sample ID: 860-104085-11

Date Collected: 06/18/25 15:35
Matrix: Solid
Date Received: 06/20/25 09:07

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 15:23*	*1*
o-Terphenyl	*134*	*S1+*	*65 - 130*	*06/23/25 06:38*	*06/23/25 15:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.33	U	9.33		mg/Kg		06/23/25 17:20	06/24/25 12:13	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
860-104085-1	12669965-06182025-CS-SB-08-	100	94	93	94
860-104085-2	12669965-06182025-CS-SB-08-24-25	110	92	93	91
860-104085-3	12669965-06182025-CS-SB-09-14-15	107	95	92	93
860-104085-4	12669965-06182025-CS-SB-09-24-25	96	103	90	97
860-104085-4 MS	12669965-06182025-CS-SB-09-24-25	92	96	97	95
860-104085-5	12669965-06182025-CSSB-10-14-15	113	93	94	91
860-104085-6	12669965-06182025-CS-SB-10-24-25	112	92	93	91
860-104085-8	12669965-06182025-CS-SB-11-19-20	114	92	92	92
860-104085-10	12669965-06182025-CS-SB-12-19-20	108	93	90	93
860-104085-11	12669965-06182025-CS-SB-12-24-25	108	90	90	92
LCS 860-244174/3	Lab Control Sample	99	102	96	101
LCS 860-245037/3	Lab Control Sample	97	100	98	97
LCSD 860-244174/4	Lab Control Sample Dup	97	99	95	100
LCSD 860-245037/4	Lab Control Sample Dup	95	101	96	95
MB 860-244174/8	Method Blank	98	96	90	94
MB 860-245037/8	Method Blank	101	105	102	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(65-130)	(65-130)
860-104085-1	12669965-06182025-CS-SB-08-	130	126
860-104085-2	12669965-06182025-CS-SB-08-24-25	132 S1+	132 S1+
860-104085-3	12669965-06182025-CS-SB-09-14-15	138 S1+	134 S1+
860-104085-4	12669965-06182025-CS-SB-09-24-25	131 S1+	126
860-104085-5	12669965-06182025-CSSB-10-14-15	145 S1+	140 S1+
860-104085-6	12669965-06182025-CS-SB-10-24-25	135 S1+	126
860-104085-8	12669965-06182025-CS-SB-11-19-20	135 S1+	128
860-104085-10	12669965-06182025-CS-SB-12-19-20	149 S1+	146 S1+
860-104085-11	12669965-06182025-CS-SB-12-24-25	136 S1+	134 S1+

Surrogate Summary

Client: GHD Services Inc.
Job ID: 860-104085-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	**Client Sample ID**	**1CO1 (65-130)**	**OTPH1 (65-130)**								
LCS 860-244159/2-A	Lab Control Sample	119	113								
LCS 860-244474/2-A	Lab Control Sample	111	128								
LCSD 860-244159/3-A	Lab Control Sample Dup	118	120								
LCSD 860-244474/3-A	Lab Control Sample Dup	109	124								
MB 860-244159/1-A	Method Blank	89	89								
MB 860-244474/1-A	Method Blank	98	117								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-244174/8
Matrix: Solid
Analysis Batch: 244174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/23/25 12:12	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/23/25 12:12	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/23/25 12:12	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/23/25 12:12	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/23/25 12:12	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/23/25 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*		*06/23/25 12:12*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*06/23/25 12:12*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*		*06/23/25 12:12*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*06/23/25 12:12*	*1*

Lab Sample ID: LCS 860-244174/3
Matrix: Solid
Analysis Batch: 244174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04861		mg/Kg		97	66 - 142
Toluene	0.0500	0.05102		mg/Kg		102	74 - 130
Ethylbenzene	0.0500	0.05378		mg/Kg		108	80 - 130
m,p-Xylenes	0.0500	0.05391		mg/Kg		108	78 - 130
o-Xylene	0.0500	0.05523		mg/Kg		110	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*102*		*68 - 152*
Dibromofluoromethane (Surr)	*96*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 860-244174/4
Matrix: Solid
Analysis Batch: 244174

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04956		mg/Kg		99	66 - 142	2	25
Toluene	0.0500	0.05198		mg/Kg		104	74 - 130	2	25
Ethylbenzene	0.0500	0.05453		mg/Kg		109	80 - 130	1	25
m,p-Xylenes	0.0500	0.05475		mg/Kg		109	78 - 130	2	25
o-Xylene	0.0500	0.05614		mg/Kg		112	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-245037/8
Matrix: Solid
Analysis Batch: 245037

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/26/25 10:53	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/26/25 10:53	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/26/25 10:53	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/26/25 10:53	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/26/25 10:53	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/26/25 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*		*06/26/25 10:53*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*		*06/26/25 10:53*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*		*06/26/25 10:53*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/26/25 10:53*	*1*

Lab Sample ID: LCS 860-245037/3
Matrix: Solid
Analysis Batch: 245037

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04333		mg/Kg		87	66 - 142
Toluene	0.0500	0.04242		mg/Kg		85	74 - 130
Ethylbenzene	0.0500	0.04589		mg/Kg		92	80 - 130
m,p-Xylenes	0.0500	0.04549		mg/Kg		91	78 - 130
o-Xylene	0.0500	0.04540		mg/Kg		91	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 860-245037/4
Matrix: Solid
Analysis Batch: 245037

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04204		mg/Kg		84	66 - 142	3	25
Toluene	0.0500	0.04051		mg/Kg		81	74 - 130	5	25
Ethylbenzene	0.0500	0.04447		mg/Kg		89	80 - 130	3	25
m,p-Xylenes	0.0500	0.04505		mg/Kg		90	78 - 130	1	25
o-Xylene	0.0500	0.04470		mg/Kg		89	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*96*		*53 - 142*
Toluene-d8 (Surr)	*95*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-104085-4 MS
Matrix: Solid
Analysis Batch: 245037

Client Sample ID: 12669965-06182025-CS-SB-09-24-25
Prep Type: Total/NA
Prep Batch: 245068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0500	U	2.50	2.424		mg/Kg		97	71 - 119
Toluene	<0.250	U	2.50	2.356		mg/Kg		94	74 - 122
Ethylbenzene	<0.0500	U	2.50	2.566		mg/Kg		103	80 - 123
m,p-Xylenes	<0.100	U	2.50	2.558		mg/Kg		102	78 - 127
o-Xylene	<0.0500	U	2.50	2.527		mg/Kg		101	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*95*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 860-244159/1-A
Matrix: Solid
Analysis Batch: 244144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 08:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 08:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/23/25 06:38	06/23/25 08:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*65 - 130*	*06/23/25 06:38*	*06/23/25 08:53*	*1*
o-Terphenyl	*89*		*65 - 130*	*06/23/25 06:38*	*06/23/25 08:53*	*1*

Lab Sample ID: LCS 860-244159/2-A
Matrix: Solid
Analysis Batch: 244144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	958.7		mg/Kg		96	74 - 132
Diesel Range Organics (Over C10-C28)	1000	1030		mg/Kg		103	74 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*119*		*65 - 130*
o-Terphenyl	*113*		*65 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

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

Lab Sample ID: LCSD 860-244159/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244144 — **Prep Batch: 244159**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			999	958.3		mg/Kg		96	74 - 132	0	35
Diesel Range Organics (Over C10-C28)			1000	1048		mg/Kg		105	74 - 134	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*118*		*65 - 130*
o-Terphenyl	*120*		*65 - 130*

Lab Sample ID: MB 860-244474/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244415 — **Prep Batch: 244474**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/24/25 10:26	06/24/25 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/24/25 10:26	06/24/25 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/24/25 10:26	06/24/25 20:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*65 - 130*	*06/24/25 10:26*	*06/24/25 20:23*	*1*
o-Terphenyl	*117*		*65 - 130*	*06/24/25 10:26*	*06/24/25 20:23*	*1*

Lab Sample ID: LCS 860-244474/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244415 — **Prep Batch: 244474**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			300	941.3	*+	mg/Kg		314	74 - 132		
Diesel Range Organics (Over C10-C28)			300	901.6	*+	mg/Kg		301	74 - 134		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*111*		*65 - 130*
o-Terphenyl	*128*		*65 - 130*

Lab Sample ID: LCSD 860-244474/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244415 — **Prep Batch: 244474**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			300	930.2	*+	mg/Kg		310	74 - 132	1	35
Diesel Range Organics (Over C10-C28)			300	884.9	*+	mg/Kg		295	74 - 134	2	35

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

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

Lab Sample ID: LCSD 860-244474/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244415 — **Prep Batch: 244474**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	109		65 - 130
o-Terphenyl	124		65 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-244371/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244467 — **Prep Batch: 244371**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		06/23/25 17:20	06/24/25 10:29	1

Lab Sample ID: LCS 860-244371/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244467 — **Prep Batch: 244371**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	98.38		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 860-244371/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244467 — **Prep Batch: 244371**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	100	99.24		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 860-104085-1 MS — **Client Sample ID: 12669965-06182025-CS-SB-08-14-15**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244467 — **Prep Batch: 244371**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	41.9		98.8	148.1		mg/Kg		108	90 - 110

Lab Sample ID: 860-104085-1 MSD — **Client Sample ID: 12669965-06182025-CS-SB-08-14-15**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244467 — **Prep Batch: 244371**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	41.9		98.8	148.4		mg/Kg		108	90 - 110	0	15

Lab Sample ID: MB 860-244937/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244933 — **Prep Batch: 244937**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg		06/25/25 16:24	06/26/25 00:35	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-244937/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244933 — **Prep Batch: 244937**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			100	93.45		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 860-244937/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244933 — **Prep Batch: 244937**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			100	93.28		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 860-104085-4 MS — **Client Sample ID: 12669965-06182025-CS-SB-09-24-25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244933 — **Prep Batch: 244937**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<9.69	U	96.9	99.17		mg/Kg		102	90 - 110		

Lab Sample ID: 860-104085-4 MSD — **Client Sample ID: 12669965-06182025-CS-SB-09-24-25**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244933 — **Prep Batch: 244937**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.69	U	96.9	98.68		mg/Kg		102	90 - 110	0	15

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

GC/MS VOA

Analysis Batch: 244174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	8260D	244209
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	8260D	244209
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	8260D	244209
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	8260D	244209
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	8260D	244209
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	8260D	244209
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	8260D	244209
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	8260D	244209
MB 860-244174/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-244174/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-244174/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 244209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	5030C	
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	5030C	
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	5030C	
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	5030C	
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	5030C	
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	5030C	
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	5030C	
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	5030C	

Analysis Batch: 244338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	Total BTEX	
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	Total BTEX	
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	Total BTEX	
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	Total BTEX	
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	Total BTEX	
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	Total BTEX	
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	Total BTEX	
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	Total BTEX	
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	Total BTEX	

Analysis Batch: 245037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	8260D	245068
MB 860-245037/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-245037/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-245037/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
860-104085-4 MS	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	8260D	245068

Prep Batch: 245068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	5030C	
860-104085-4 MS	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	5030C	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

GC Semi VOA

Analysis Batch: 244144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	8015B NM	244159
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	8015B NM	244159
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	8015B NM	244159
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	8015B NM	244159
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	8015B NM	244159
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	8015B NM	244159
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	8015B NM	244159
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	8015B NM	244159
MB 860-244159/1-A	Method Blank	Total/NA	Solid	8015B NM	244159
LCS 860-244159/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	244159
LCSD 860-244159/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	244159

Prep Batch: 244159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	8015NM Prep	
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	8015NM Prep	
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	8015NM Prep	
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	8015NM Prep	
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	8015NM Prep	
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	8015NM Prep	
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	8015NM Prep	
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	8015NM Prep	
MB 860-244159/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-244159/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-244159/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 244360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	8015 NM	
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	8015 NM	
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	8015 NM	
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	8015 NM	
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	8015 NM	
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	8015 NM	
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	8015 NM	
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	8015 NM	
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	8015 NM	

Analysis Batch: 244415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-244474/1-A	Method Blank	Total/NA	Solid	8015B NM	244474
LCS 860-244474/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	244474
LCSD 860-244474/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	244474

Prep Batch: 244474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	8015NM Prep	
MB 860-244474/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 860-244474/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 860-244474/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

GC Semi VOA

Analysis Batch: 244727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	8015B NM	244474

HPLC/IC

Prep Batch: 244371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	300_Prep	
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	300_Prep	
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	300_Prep	
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	300_Prep	
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	300_Prep	
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	300_Prep	
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	300_Prep	
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	300_Prep	
MB 860-244371/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 860-244371/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCSD 860-244371/3-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	
860-104085-1 MS	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	300_Prep	
860-104085-1 MSD	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	300_Prep	

Analysis Batch: 244467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-1	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	300.0	244371
860-104085-2	12669965-06182025-CS-SB-08-24-25	Total/NA	Solid	300.0	244371
860-104085-3	12669965-06182025-CS-SB-09-14-15	Total/NA	Solid	300.0	244371
860-104085-5	12669965-06182025-CSSB-10-14-15	Total/NA	Solid	300.0	244371
860-104085-6	12669965-06182025-CS-SB-10-24-25	Total/NA	Solid	300.0	244371
860-104085-8	12669965-06182025-CS-SB-11-19-20	Total/NA	Solid	300.0	244371
860-104085-10	12669965-06182025-CS-SB-12-19-20	Total/NA	Solid	300.0	244371
860-104085-11	12669965-06182025-CS-SB-12-24-25	Total/NA	Solid	300.0	244371
MB 860-244371/1-A	Method Blank	Total/NA	Solid	300.0	244371
LCS 860-244371/2-A	Lab Control Sample	Total/NA	Solid	300.0	244371
LCSD 860-244371/3-A	Lab Control Sample Dup	Total/NA	Solid	300.0	244371
860-104085-1 MS	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	300.0	244371
860-104085-1 MSD	12669965-06182025-CS-SB-08-14-15	Total/NA	Solid	300.0	244371

Analysis Batch: 244933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	300.0	244937
MB 860-244937/1-A	Method Blank	Total/NA	Solid	300.0	244937
LCS 860-244937/2-A	Lab Control Sample	Total/NA	Solid	300.0	244937
LCSD 860-244937/3-A	Lab Control Sample Dup	Total/NA	Solid	300.0	244937
860-104085-4 MS	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	300.0	244937
860-104085-4 MSD	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	300.0	244937

Prep Batch: 244937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-4	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	300_Prep	
MB 860-244937/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 860-244937/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LCSD 860-244937/3-A	Lab Control Sample Dup	Total/NA	Solid	300_Prep	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

HPLC/IC (Continued)

Prep Batch: 244937 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-104085-4 MS	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	300_Prep	
860-104085-4 MSD	12669965-06182025-CS-SB-09-24-25	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-08-14-15
Lab Sample ID: 860-104085-1

Date Collected: 06/18/25 08:45
Matrix: Solid
Date Received: 06/20/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	244174	06/23/25 12:54	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 12:54	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 13:23	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 13:23	TH	EET HOU
Total/NA	Prep	300_Prep			5.06 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	244467	06/24/25 10:52	HN	EET HOU

Client Sample ID: 12669965-06182025-CS-SB-08-24-25
Lab Sample ID: 860-104085-2

Date Collected: 06/18/25 09:10
Matrix: Solid
Date Received: 06/20/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.97 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244174	06/23/25 13:15	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 13:15	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 13:38	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 13:38	TH	EET HOU
Total/NA	Prep	300_Prep			5.21 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1			244467	06/24/25 11:14	HN	EET HOU

Client Sample ID: 12669965-06182025-CS-SB-09-14-15
Lab Sample ID: 860-104085-3

Date Collected: 06/18/25 09:47
Matrix: Solid
Date Received: 06/20/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244174	06/23/25 13:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 13:41	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 13:54	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 13:54	TH	EET HOU
Total/NA	Prep	300_Prep			5.15 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1			244467	06/24/25 11:21	HN	EET HOU

Client Sample ID: 12669965-06182025-CS-SB-09-24-25
Lab Sample ID: 860-104085-4

Date Collected: 06/18/25 10:00
Matrix: Solid
Date Received: 06/20/25 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	245068	06/26/25 10:06	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	245037	06/26/25 12:15	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/26/25 12:15	RJT	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-09-24-25
Lab Sample ID: 860-104085-4

Date Collected: 06/18/25 10:00
Date Received: 06/20/25 09:07
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			244360	06/25/25 10:41	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	244474	06/25/25 09:34	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244727	06/25/25 10:41	TH	EET HOU
Total/NA	Prep	300_Prep			5.16 g	50 mL	244937	06/25/25 16:24	JC	EET HOU
Total/NA	Analysis	300.0		1			244933	06/26/25 01:03	WP	EET HOU

Client Sample ID: 12669965-06182025-CSSB-10-14-15
Lab Sample ID: 860-104085-5

Date Collected: 06/18/25 10:57
Date Received: 06/20/25 09:07
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244174	06/23/25 14:01	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 14:01	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 14:10	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 14:10	TH	EET HOU
Total/NA	Prep	300_Prep			5.07 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1			244467	06/24/25 11:28	HN	EET HOU

Client Sample ID: 12669965-06182025-CS-SB-10-24-25
Lab Sample ID: 860-104085-6

Date Collected: 06/18/25 11:45
Date Received: 06/20/25 09:07
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244174	06/23/25 14:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 14:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 14:26	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 14:26	TH	EET HOU
Total/NA	Prep	300_Prep			5.03 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1			244467	06/24/25 11:36	HN	EET HOU

Client Sample ID: 12669965-06182025-CS-SB-11-19-20
Lab Sample ID: 860-104085-8

Date Collected: 06/18/25 13:15
Date Received: 06/20/25 09:07
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244174	06/23/25 14:43	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 14:43	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 14:43	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 14:43	TH	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Client Sample ID: 12669965-06182025-CS-SB-11-19-20
Lab Sample ID: 860-104085-8

Date Collected: 06/18/25 13:15
Date Received: 06/20/25 09:07
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	300_Prep			5.13 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1			244467	06/24/25 11:58	HN	EET HOU

Client Sample ID: 12669965-06182025-CS-SB-12-19-20
Lab Sample ID: 860-104085-10

Date Collected: 06/18/25 00:00
Date Received: 06/20/25 09:07
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244174	06/23/25 15:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 15:04	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 15:00	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 15:00	TH	EET HOU
Total/NA	Prep	300_Prep			5.36 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1			244467	06/24/25 12:05	HN	EET HOU

Client Sample ID: 12669965-06182025-CS-SB-12-24-25
Lab Sample ID: 860-104085-11

Date Collected: 06/18/25 15:35
Date Received: 06/20/25 09:07
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244174	06/23/25 15:25	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244338	06/23/25 15:25	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			244360	06/23/25 15:23	RJT	EET HOU
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	244159	06/23/25 06:38	TH	EET HOU
Total/NA	Analysis	8015B NM		1			244144	06/23/25 15:23	TH	EET HOU
Total/NA	Prep	300_Prep			5.36 g	50 mL	244371	06/23/25 17:20	JC	EET HOU
Total/NA	Analysis	300.0		1			244467	06/24/25 12:13	HN	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Laboratory: Eurofins Houston

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

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

Method Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
300_Prep	Anions, Ion Chromatography, 10% Wt/Vol	EPA	EET HOU
5030C	Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 860-104085-1
SDG: 12669965

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-104085-1	12669965-06182025-CS-SB-08-14-15	Solid	06/18/25 08:45	06/20/25 09:07
860-104085-2	12669965-06182025-CS-SB-08-24-25	Solid	06/18/25 09:10	06/20/25 09:07
860-104085-3	12669965-06182025-CS-SB-09-14-15	Solid	06/18/25 09:47	06/20/25 09:07
860-104085-4	12669965-06182025-CS-SB-09-24-25	Solid	06/18/25 10:00	06/20/25 09:07
860-104085-5	12669965-06182025-CSSB-10-14-15	Solid	06/18/25 10:57	06/20/25 09:07
860-104085-6	12669965-06182025-CS-SB-10-24-25	Solid	06/18/25 11:45	06/20/25 09:07
860-104085-8	12669965-06182025-CS-SB-11-19-20	Solid	06/18/25 13:15	06/20/25 09:07
860-104085-10	12669965-06182025-CS-SB-12-19-20	Solid	06/18/25 00:00	06/20/25 09:07
860-104085-11	12669965-06182025-CS-SB-12-24-25	Solid	06/18/25 15:35	06/20/25 09:07

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Chain of Custody

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

Work Order No _____

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Project Manager:	Dee Dee Wittington	Bill to: (if different)	
Company Name:	GND	Company Name:	
Address:	1755 Wittington Pl	Address:	
City State ZIP:	Dallas, TX 75234	City State ZIP:	
Phone:		Email:	

Work Order Comments

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

Project Name:	Enterprise - Lea County	Turn Around	
Project Number:	1266 9965	☐ Routine ☑ Rush	
Project Location:	Lovington NM	Due Date:	
Sampler's Name:	Carter Swanson	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

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

ANALYSIS REQUEST

Preservative Codes

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

860-104085 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8260	TPH 8015 (NM)	Chlorides 300	Sample Comments
1266 9965-061820254-SB-04-14-15'	Soil	6-18	0845		Grab	2		X	X	X	
-SB-04-24-25'			0910								
-SB-05-14-15'			0947								
-SB-05-24-25'			1000								hold
-SB-06-14-15'			1057								
-SB-06-24-25'			1145								
-SB-06-28-29'			1150								hold
-SB-07-19-20'			1315								
-SB-07-28-29'											hold
-SB-08-19-20'											

Temp: 2.3 IR ID: HOU-368
C/F: -0.1
Corrected Temp: 2.2

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Carter Swanson	FedEX	0830-6-19	2	Nuanu	6-20-25 907
3			4		
5			6		

Revised Date: 08/25/2020 Rev 2020.2

6/27/2025 (Rev. 1)

Received by OCD: 10/17/2025 9:23:24 AM

Released to Imaging: 1/6/2026 3:52:26 PM

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Chain of Custody

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

Work Order No _____

www.xenco.com Page 2 of 2

6/27/2025 (Rev. 1)

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City State ZIP:	
Phone:		Email:	

Work Order Comments

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

Project Name:		Turn Around	
Project Number:		☐ Routine ☐ Rush	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

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

ANALYSIS REQUEST

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8260	TPH 8015(NM)	Chlorides 300	Sample Comments
SB-08-24-25'	Soil	6-18	1535		Grab	2		X	X	X	
SB-08-28-29'	↓	↓	1545		↓	↓		↓	↓	↓	hold

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2	Nuenor	6-20-25 907
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.

Received by OCD: 10/17/2025 9:23:24 AM

Released to Imaging: 1/6/2026 3:52:26 PM

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 860-104085-1
SDG Number: 12669965

Login Number: 104085
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Deedee Whittington
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 6/24/2025 12:39:01 PM

JOB DESCRIPTION

Enterprise Products Pipeline Release
Lea County, NM

JOB NUMBER

880-59427-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
6/24/2025 12:39:01 PM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: GHD Services Inc. Job ID: 880-59427-1
Project: Enterprise Products Pipeline Release

Job ID: 880-59427-1 Eurofins Midland

Job Narrative
880-59427-1

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

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

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

Comments
6.19.2025: per email from Stephanie Larios:
could you please rename the samples on this report, see below:

- Rename SB-01 to SB-05
- Rename SB-02 to SB-06
- Rename SB-03 to SB-07

Receipt
The samples were received on 6/18/2025 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

GC/MS VOA
Method 8260D: The following samples were diluted due to the nature of the sample matrix: 12669965-06172025-SB-05-9-10 (880-59427-1), 12669965-06172025-SB-05-14-15 (880-59427-2), 12669965-06172025-SB-06-14-15 (880-59427-4), 12669965-06172025-SB-06-19-20 (880-59427-5) and 12669965-06172025-SB-06-24-25 (880-59427-6). Elevated reporting limits (RLs) are provided. Sample has strong smell. Sample prepped with methanol from a bulk jar.

Method 8260D: The following sample was diluted due to it being rocks: 12669965-06172025-SB-07-19-20 (880-59427-7). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: 12669965-06172025-SB-06-14-15 (880-59427-4). Elevated reporting limits (RLs) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: The following sample was diluted due to the nature of the sample matrix: 12669965-06172025-SB-07-24-25 (880-59427-8). Elevated reporting limits (RLs) are provided. Sample prepped with methanol from a bulk jar. Sample has strong smell.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: 12669965-06172025-SB-01-9-10 (880-59427-1), 12669965-06172025-SB-01-14-15 (880-59427-2), 12669965-06172025-SB-02-14-15 (880-59427-4) and 12669965-06172025-SB-02-19-20 (880-59427-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-112558 and analytical batch 880-112573 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Eurofins Midland

Case Narrative

Client: GHD Services Inc.
Project: Enterprise Products Pipeline Release

Job ID: 880-59427-1

Job ID: 880-59427-1 (Continued)

Eurofins Midland

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

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-05-9-10

Lab Sample ID: 880-59427-1
Date Collected: 06/17/25 09:20
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.00	U	1.00		mg/Kg		06/19/25 12:18	06/19/25 13:58	1000
Toluene	<5.02	U	5.02		mg/Kg		06/19/25 12:18	06/19/25 13:58	1000
Ethylbenzene	**13.8**		1.00		mg/Kg		06/19/25 12:18	06/19/25 13:58	1000
m,p-Xylenes	**63.1**		2.01		mg/Kg		06/19/25 12:18	06/19/25 13:58	1000
o-Xylene	**33.5**		1.00		mg/Kg		06/19/25 12:18	06/19/25 13:58	1000
Xylenes, Total	**96.6**		2.01		mg/Kg		06/19/25 12:18	06/19/25 13:58	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*06/19/25 12:18*	*06/19/25 13:58*	*1000*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*06/19/25 12:18*	*06/19/25 13:58*	*1000*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*06/19/25 12:18*	*06/19/25 13:58*	*1000*
Toluene-d8 (Surr)	*97*		*70 - 130*	*06/19/25 12:18*	*06/19/25 13:58*	*1000*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**110**		2.01		mg/Kg			06/19/25 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**59100**		499		mg/Kg			06/19/25 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**5060**		499		mg/Kg		06/19/25 09:36	06/19/25 13:08	10
Diesel Range Organics (Over C10-C28)	**54000**		499		mg/Kg		06/19/25 09:36	06/19/25 13:08	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		06/19/25 09:36	06/19/25 13:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*579*	*S1+*	*70 - 130*	*06/19/25 09:36*	*06/19/25 13:08*	*10*
o-Terphenyl	*853*	*S1+*	*70 - 130*	*06/19/25 09:36*	*06/19/25 13:08*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**	**F1**	10.1		mg/Kg			06/19/25 10:28	1

Client Sample ID: 12669965-06172025-SB-05-14-15

Lab Sample ID: 880-59427-2
Date Collected: 06/17/25 09:25
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.01	U	1.01		mg/Kg		06/19/25 12:18	06/19/25 14:19	1000
Toluene	<5.05	U	5.05		mg/Kg		06/19/25 12:18	06/19/25 14:19	1000
Ethylbenzene	**1.16**		1.01		mg/Kg		06/19/25 12:18	06/19/25 14:19	1000
m,p-Xylenes	**5.24**		2.02		mg/Kg		06/19/25 12:18	06/19/25 14:19	1000
o-Xylene	**2.92**		1.01		mg/Kg		06/19/25 12:18	06/19/25 14:19	1000
Xylenes, Total	**8.16**		2.02		mg/Kg		06/19/25 12:18	06/19/25 14:19	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*06/19/25 12:18*	*06/19/25 14:19*	*1000*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-05-14-15

Lab Sample ID: 880-59427-2
Date Collected: 06/17/25 09:25
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		68 - 152	06/19/25 12:18	06/19/25 14:19	1000
Dibromofluoromethane (Surr)	88		53 - 142	06/19/25 12:18	06/19/25 14:19	1000
Toluene-d8 (Surr)	91		70 - 130	06/19/25 12:18	06/19/25 14:19	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.32		2.02		mg/Kg			06/19/25 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22100		498		mg/Kg			06/19/25 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1430		498		mg/Kg		06/19/25 09:36	06/19/25 13:24	10
Diesel Range Organics (Over C10-C28)	20700		498		mg/Kg		06/19/25 09:36	06/19/25 13:24	10
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		06/19/25 09:36	06/19/25 13:24	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	273	S1+	70 - 130	06/19/25 09:36	06/19/25 13:24	10
o-Terphenyl	326	S1+	70 - 130	06/19/25 09:36	06/19/25 13:24	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		10.1		mg/Kg			06/19/25 10:50	1

Client Sample ID: 12669965-06172025-SB-06-14-15

Lab Sample ID: 880-59427-4
Date Collected: 06/17/25 10:50
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	18.8		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:00	1000
Toluene	185		5.02		mg/Kg		06/19/25 12:18	06/19/25 15:00	1000
Ethylbenzene	55.6		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:00	1000
o-Xylene	100		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:00	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		56 - 150	06/19/25 12:18	06/19/25 15:00	1000
4-Bromofluorobenzene (Surr)	100		68 - 152	06/19/25 12:18	06/19/25 15:00	1000
Dibromofluoromethane (Surr)	83		53 - 142	06/19/25 12:18	06/19/25 15:00	1000
Toluene-d8 (Surr)	101		70 - 130	06/19/25 12:18	06/19/25 15:00	1000

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	485		10.0		mg/Kg		06/19/25 12:18	06/20/25 11:53	5000
Xylenes, Total	716		10.0		mg/Kg		06/19/25 12:18	06/20/25 11:53	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	06/19/25 12:18	06/20/25 11:53	5000

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-06-14-15

Lab Sample ID: 880-59427-4
Date Collected: 06/17/25 10:50
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		68 - 152	06/19/25 12:18	06/20/25 11:53	5000
Dibromofluoromethane (Surr)	113		53 - 142	06/19/25 12:18	06/20/25 11:53	5000
Toluene-d8 (Surr)	99		70 - 130	06/19/25 12:18	06/20/25 11:53	5000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	844		10.0		mg/Kg			06/20/25 11:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	44000		500		mg/Kg			06/19/25 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15500		500		mg/Kg		06/19/25 09:36	06/19/25 13:40	10
Diesel Range Organics (Over C10-C28)	28500		500		mg/Kg		06/19/25 09:36	06/19/25 13:40	10
Oil Range Organics (Over C28-C36)	<500	U	500		mg/Kg		06/19/25 09:36	06/19/25 13:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	371	S1+	70 - 130	06/19/25 09:36	06/19/25 13:40	10
o-Terphenyl	403	S1+	70 - 130	06/19/25 09:36	06/19/25 13:40	10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	211		9.94		mg/Kg			06/19/25 10:57	1

Client Sample ID: 12669965-06172025-SB-06-19-20

Lab Sample ID: 880-59427-5
Date Collected: 06/17/25 11:05
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.43		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:21	1000
Toluene	30.9		5.02		mg/Kg		06/19/25 12:18	06/19/25 15:21	1000
Ethylbenzene	20.0		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:21	1000
m,p-Xylenes	84.5		2.01		mg/Kg		06/19/25 12:18	06/19/25 15:21	1000
o-Xylene	44.7		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:21	1000
Xylenes, Total	129		2.01		mg/Kg		06/19/25 12:18	06/19/25 15:21	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		56 - 150	06/19/25 12:18	06/19/25 15:21	1000
4-Bromofluorobenzene (Surr)	99		68 - 152	06/19/25 12:18	06/19/25 15:21	1000
Dibromofluoromethane (Surr)	81		53 - 142	06/19/25 12:18	06/19/25 15:21	1000
Toluene-d8 (Surr)	98		70 - 130	06/19/25 12:18	06/19/25 15:21	1000

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	182		2.01		mg/Kg			06/19/25 15:21	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-06-19-20

Lab Sample ID: 880-59427-5
Date Collected: 06/17/25 11:05
Matrix: Solid
Date Received: 06/18/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	14600		500		mg/Kg			06/19/25 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2480		500		mg/Kg		06/19/25 09:36	06/19/25 13:56	10
Diesel Range Organics (Over C10-C28)	12100		500		mg/Kg		06/19/25 09:36	06/19/25 13:56	10
Oil Range Organics (Over C28-C36)	<500	U	500		mg/Kg		06/19/25 09:36	06/19/25 13:56	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*06/19/25 09:36*	*06/19/25 13:56*	*10*
o-Terphenyl	*194*	*S1+*	*70 - 130*	*06/19/25 09:36*	*06/19/25 13:56*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		9.92		mg/Kg			06/19/25 11:04	1

Client Sample ID: 12669965-06172025-SB-06-24-25

Lab Sample ID: 880-59427-6
Date Collected: 06/17/25 11:35
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.00	U	1.00		mg/Kg		06/19/25 12:18	06/19/25 15:42	1000
Toluene	9.47		5.02		mg/Kg		06/19/25 12:18	06/19/25 15:42	1000
Ethylbenzene	4.72		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:42	1000
m,p-Xylenes	20.8		2.01		mg/Kg		06/19/25 12:18	06/19/25 15:42	1000
o-Xylene	10.7		1.00		mg/Kg		06/19/25 12:18	06/19/25 15:42	1000
Xylenes, Total	31.5		2.01		mg/Kg		06/19/25 12:18	06/19/25 15:42	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*	*06/19/25 12:18*	*06/19/25 15:42*	*1000*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*06/19/25 12:18*	*06/19/25 15:42*	*1000*
Dibromofluoromethane (Surr)	*84*		*53 - 142*	*06/19/25 12:18*	*06/19/25 15:42*	*1000*
Toluene-d8 (Surr)	*95*		*70 - 130*	*06/19/25 12:18*	*06/19/25 15:42*	*1000*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	45.7		2.01		mg/Kg			06/19/25 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6440		50.3		mg/Kg			06/18/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	920		50.3		mg/Kg		06/17/25 14:56	06/18/25 22:51	1
Diesel Range Organics (Over C10-C28)	5520		50.3		mg/Kg		06/17/25 14:56	06/18/25 22:51	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		06/17/25 14:56	06/18/25 22:51	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-06-24-25
Lab Sample ID: 880-59427-6

Date Collected: 06/17/25 11:35
Date Received: 06/18/25 10:20
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*100*		*70 - 130*	*06/17/25 14:56*	*06/18/25 22:51*	*1*
o-Terphenyl	*86*		*70 - 130*	*06/17/25 14:56*	*06/18/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.0**		10.0		mg/Kg			06/19/25 11:11	1

Client Sample ID: 12669965-06172025-SB-07-19-20
Lab Sample ID: 880-59427-7

Date Collected: 06/17/25 13:45
Date Received: 06/18/25 10:20
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0502	U	0.0502		mg/Kg		06/19/25 12:18	06/19/25 16:03	50
Toluene	<0.251	U	0.251		mg/Kg		06/19/25 12:18	06/19/25 16:03	50
Ethylbenzene	<0.0502	U	0.0502		mg/Kg		06/19/25 12:18	06/19/25 16:03	50
m,p-Xylenes	<0.100	U	0.100		mg/Kg		06/19/25 12:18	06/19/25 16:03	50
o-Xylene	<0.0502	U	0.0502		mg/Kg		06/19/25 12:18	06/19/25 16:03	50
Xylenes, Total	<0.100	U	0.100		mg/Kg		06/19/25 12:18	06/19/25 16:03	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*06/19/25 12:18*	*06/19/25 16:03*	*50*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*06/19/25 12:18*	*06/19/25 16:03*	*50*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*06/19/25 12:18*	*06/19/25 16:03*	*50*
Toluene-d8 (Surr)	*90*		*70 - 130*	*06/19/25 12:18*	*06/19/25 16:03*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.100	U	0.100		mg/Kg			06/19/25 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**92.7**		50.1		mg/Kg			06/18/25 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/17/25 14:56	06/18/25 23:07	1
Diesel Range Organics (Over C10-C28)	**92.7**		50.1		mg/Kg		06/17/25 14:56	06/18/25 23:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/17/25 14:56	06/18/25 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*84*		*70 - 130*	*06/17/25 14:56*	*06/18/25 23:07*	*1*
o-Terphenyl	*78*		*70 - 130*	*06/17/25 14:56*	*06/18/25 23:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.7**		10.1		mg/Kg			06/19/25 11:33	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-07-24-25

Lab Sample ID: 880-59427-8
Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/18/25 10:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		06/19/25 12:18	06/20/25 12:18	100
Toluene	**1.89**		0.502		mg/Kg		06/19/25 12:18	06/20/25 12:18	100
Ethylbenzene	**1.49**		0.100		mg/Kg		06/19/25 12:18	06/20/25 12:18	100
m,p-Xylenes	**6.26**		0.201		mg/Kg		06/19/25 12:18	06/20/25 12:18	100
o-Xylene	**3.47**		0.100		mg/Kg		06/19/25 12:18	06/20/25 12:18	100
Xylenes, Total	**9.73**		0.201		mg/Kg		06/19/25 12:18	06/20/25 12:18	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*06/19/25 12:18*	*06/20/25 12:18*	*100*
4-Bromofluorobenzene (Surr)	*111*		*68 - 152*	*06/19/25 12:18*	*06/20/25 12:18*	*100*
Dibromofluoromethane (Surr)	*104*		*53 - 142*	*06/19/25 12:18*	*06/20/25 12:18*	*100*
Toluene-d8 (Surr)	*102*		*70 - 130*	*06/19/25 12:18*	*06/20/25 12:18*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**13.1**		0.201		mg/Kg			06/20/25 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**294**		49.7		mg/Kg			06/18/25 23:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/17/25 14:56	06/18/25 23:23	1
Diesel Range Organics (Over C10-C28)	**294**		49.7		mg/Kg		06/17/25 14:56	06/18/25 23:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/17/25 14:56	06/18/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*06/17/25 14:56*	*06/18/25 23:23*	*1*
o-Terphenyl	*88*		*70 - 130*	*06/17/25 14:56*	*06/18/25 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		9.96		mg/Kg			06/19/25 11:40	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
880-59427-1	12669965-06172025-SB-05-9-1(	99	101	91	97
880-59427-2	12669965-06172025-SB-05-14-15	104	99	88	91
880-59427-4	12669965-06172025-SB-06-14-15	92	100	83	101
880-59427-4 - DL	12669965-06172025-SB-06-14-15	108	109	113	99
880-59427-5	12669965-06172025-SB-06-19-20	87	99	81	98
880-59427-6	12669965-06172025-SB-06-24-25	92	99	84	95
880-59427-7	12669965-06172025-SB-07-19-20	115	95	96	90
880-59427-8	12669965-06172025-SB-07-24-25	110	111	104	102
LCS 860-243507/3	Lab Control Sample	98	97	98	103
LCS 860-243824/3	Lab Control Sample	109	108	110	107
LCSD 860-243507/4	Lab Control Sample Dup	101	98	99	102
LCSD 860-243824/4	Lab Control Sample Dup	111	111	111	105
MB 860-243507/7	Method Blank	104	95	100	95
MB 860-243824/8	Method Blank	111	108	113	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-59427-1	12669965-06172025-SB-05-9-1(	579 S1+	853 S1+
880-59427-2	12669965-06172025-SB-05-14-15	273 S1+	326 S1+
880-59427-4	12669965-06172025-SB-06-14-15	371 S1+	403 S1+
880-59427-5	12669965-06172025-SB-06-19-20	144 S1+	194 S1+
880-59427-6	12669965-06172025-SB-06-24-25	100	86
880-59427-7	12669965-06172025-SB-07-19-20	84	78
880-59427-8	12669965-06172025-SB-07-24-25	91	88
LCS 880-112445/2-A	Lab Control Sample	104	106
LCS 880-112572/2-A	Lab Control Sample	76	84
LCSD 880-112445/3-A	Lab Control Sample Dup	104	109
LCSD 880-112572/3-A	Lab Control Sample Dup	92	83
MB 880-112445/1-A	Method Blank	86	85
MB 880-112572/1-A	Method Blank	124	128

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-243507/7
Matrix: Solid
Analysis Batch: 243507

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/19/25 11:10	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/19/25 11:10	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/19/25 11:10	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/19/25 11:10	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/19/25 11:10	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/19/25 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*		*06/19/25 11:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*		*06/19/25 11:10*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*		*06/19/25 11:10*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*06/19/25 11:10*	*1*

Lab Sample ID: LCS 860-243507/3
Matrix: Solid
Analysis Batch: 243507

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04586		mg/Kg		92	66 - 142
Toluene	0.0500	0.04819		mg/Kg		96	74 - 130
Ethylbenzene	0.0500	0.05137		mg/Kg		103	80 - 130
m,p-Xylenes	0.0500	0.05060		mg/Kg		101	78 - 130
o-Xylene	0.0500	0.05126		mg/Kg		103	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 860-243507/4
Matrix: Solid
Analysis Batch: 243507

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04773		mg/Kg		95	66 - 142	4	25
Toluene	0.0500	0.04898		mg/Kg		98	74 - 130	2	25
Ethylbenzene	0.0500	0.05115		mg/Kg		102	80 - 130	0	25
m,p-Xylenes	0.0500	0.05073		mg/Kg		101	78 - 130	0	25
o-Xylene	0.0500	0.05192		mg/Kg		104	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*
Dibromofluoromethane (Surr)	*99*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-243824/8
Matrix: Solid
Analysis Batch: 243824

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/20/25 11:02	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/20/25 11:02	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/20/25 11:02	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/20/25 11:02	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/20/25 11:02	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/20/25 11:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*		*06/20/25 11:02*	*1*
4-Bromofluorobenzene (Surr)	*108*		*68 - 152*		*06/20/25 11:02*	*1*
Dibromofluoromethane (Surr)	*113*		*53 - 142*		*06/20/25 11:02*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/20/25 11:02*	*1*

Lab Sample ID: LCS 860-243824/3
Matrix: Solid
Analysis Batch: 243824

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04959		mg/Kg		99	66 - 142
Toluene	0.0500	0.04735		mg/Kg		95	74 - 130
Ethylbenzene	0.0500	0.04937		mg/Kg		99	80 - 130
m,p-Xylenes	0.0500	0.04880		mg/Kg		98	78 - 130
o-Xylene	0.0500	0.04901		mg/Kg		98	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*
4-Bromofluorobenzene (Surr)	*108*		*68 - 152*
Dibromofluoromethane (Surr)	*110*		*53 - 142*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 860-243824/4
Matrix: Solid
Analysis Batch: 243824

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04754		mg/Kg		95	66 - 142	4	25
Toluene	0.0500	0.04612		mg/Kg		92	74 - 130	3	25
Ethylbenzene	0.0500	0.04839		mg/Kg		97	80 - 130	2	25
m,p-Xylenes	0.0500	0.04891		mg/Kg		98	78 - 130	0	25
o-Xylene	0.0500	0.04805		mg/Kg		96	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*
4-Bromofluorobenzene (Surr)	*111*		*68 - 152*
Dibromofluoromethane (Surr)	*111*		*53 - 142*
Toluene-d8 (Surr)	*105*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-112445/1-A
Matrix: Solid
Analysis Batch: 112520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/17/25 14:55	06/18/25 20:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/17/25 14:55	06/18/25 20:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/17/25 14:55	06/18/25 20:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*06/17/25 14:55*	*06/18/25 20:07*	*1*
o-Terphenyl	*85*		*70 - 130*	*06/17/25 14:55*	*06/18/25 20:07*	*1*

Lab Sample ID: LCS 880-112445/2-A
Matrix: Solid
Analysis Batch: 112520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	954.5		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1008		mg/Kg		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: LCSD 880-112445/3-A
Matrix: Solid
Analysis Batch: 112520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	969.1		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: MB 880-112572/1-A
Matrix: Solid
Analysis Batch: 112579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112572

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 03:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 03:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 03:56	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-112572/1-A
Matrix: Solid
Analysis Batch: 112579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112572

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	06/19/25 09:36	06/19/25 03:56	1
o-Terphenyl	128		70 - 130	06/19/25 09:36	06/19/25 03:56	1

Lab Sample ID: LCS 880-112572/2-A
Matrix: Solid
Analysis Batch: 112579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112572

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	818.0		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	915.3		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: LCSD 880-112572/3-A
Matrix: Solid
Analysis Batch: 112579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112572

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	801.7		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	858.7		mg/Kg		86	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	83		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112558/1-A
Matrix: Solid
Analysis Batch: 112573

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/19/25 09:42	1

Lab Sample ID: LCS 880-112558/2-A
Matrix: Solid
Analysis Batch: 112573

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-112558/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112573

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.7		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-59427-1 MS — **Client Sample ID: 12669965-06172025-SB-05-9-10**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112573

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	113	F1	252	391.8		mg/Kg		110	90 - 110		

Lab Sample ID: 880-59427-1 MSD — **Client Sample ID: 12669965-06172025-SB-05-9-10**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112573

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	113	F1	252	393.1	F1	mg/Kg		111	90 - 110	0	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

GC/MS VOA

Analysis Batch: 243507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Total/NA	Solid	8260D	243633
880-59427-2	12669965-06172025-SB-05-14-15	Total/NA	Solid	8260D	243633
880-59427-4	12669965-06172025-SB-06-14-15	Total/NA	Solid	8260D	243633
880-59427-5	12669965-06172025-SB-06-19-20	Total/NA	Solid	8260D	243633
880-59427-6	12669965-06172025-SB-06-24-25	Total/NA	Solid	8260D	243633
880-59427-7	12669965-06172025-SB-07-19-20	Total/NA	Solid	8260D	243633
MB 860-243507/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-243507/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-243507/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 243633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Total/NA	Solid	5030C	
880-59427-2	12669965-06172025-SB-05-14-15	Total/NA	Solid	5030C	
880-59427-4 - DL	12669965-06172025-SB-06-14-15	Total/NA	Solid	5030C	
880-59427-4	12669965-06172025-SB-06-14-15	Total/NA	Solid	5030C	
880-59427-5	12669965-06172025-SB-06-19-20	Total/NA	Solid	5030C	
880-59427-6	12669965-06172025-SB-06-24-25	Total/NA	Solid	5030C	
880-59427-7	12669965-06172025-SB-07-19-20	Total/NA	Solid	5030C	
880-59427-8	12669965-06172025-SB-07-24-25	Total/NA	Solid	5030C	

Analysis Batch: 243824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-4 - DL	12669965-06172025-SB-06-14-15	Total/NA	Solid	8260D	243633
880-59427-8	12669965-06172025-SB-07-24-25	Total/NA	Solid	8260D	243633
MB 860-243824/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-243824/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-243824/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 244032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Total/NA	Solid	Total BTEX	
880-59427-2	12669965-06172025-SB-05-14-15	Total/NA	Solid	Total BTEX	
880-59427-4	12669965-06172025-SB-06-14-15	Total/NA	Solid	Total BTEX	
880-59427-5	12669965-06172025-SB-06-19-20	Total/NA	Solid	Total BTEX	
880-59427-6	12669965-06172025-SB-06-24-25	Total/NA	Solid	Total BTEX	
880-59427-7	12669965-06172025-SB-07-19-20	Total/NA	Solid	Total BTEX	
880-59427-8	12669965-06172025-SB-07-24-25	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 112445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-6	12669965-06172025-SB-06-24-25	Total/NA	Solid	8015NM Prep	
880-59427-7	12669965-06172025-SB-07-19-20	Total/NA	Solid	8015NM Prep	
880-59427-8	12669965-06172025-SB-07-24-25	Total/NA	Solid	8015NM Prep	
MB 880-112445/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112445/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

GC Semi VOA

Analysis Batch: 112520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-6	12669965-06172025-SB-06-24-25	Total/NA	Solid	8015B NM	112445
880-59427-7	12669965-06172025-SB-07-19-20	Total/NA	Solid	8015B NM	112445
880-59427-8	12669965-06172025-SB-07-24-25	Total/NA	Solid	8015B NM	112445
MB 880-112445/1-A	Method Blank	Total/NA	Solid	8015B NM	112445
LCS 880-112445/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112445
LCSD 880-112445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112445

Prep Batch: 112572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Total/NA	Solid	8015NM Prep	
880-59427-2	12669965-06172025-SB-05-14-15	Total/NA	Solid	8015NM Prep	
880-59427-4	12669965-06172025-SB-06-14-15	Total/NA	Solid	8015NM Prep	
880-59427-5	12669965-06172025-SB-06-19-20	Total/NA	Solid	8015NM Prep	
MB 880-112572/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112572/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112572/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 112579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Total/NA	Solid	8015B NM	112572
880-59427-2	12669965-06172025-SB-05-14-15	Total/NA	Solid	8015B NM	112572
880-59427-4	12669965-06172025-SB-06-14-15	Total/NA	Solid	8015B NM	112572
880-59427-5	12669965-06172025-SB-06-19-20	Total/NA	Solid	8015B NM	112572
MB 880-112572/1-A	Method Blank	Total/NA	Solid	8015B NM	112572
LCS 880-112572/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112572
LCSD 880-112572/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112572

Analysis Batch: 112597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Total/NA	Solid	8015 NM	
880-59427-2	12669965-06172025-SB-05-14-15	Total/NA	Solid	8015 NM	
880-59427-4	12669965-06172025-SB-06-14-15	Total/NA	Solid	8015 NM	
880-59427-5	12669965-06172025-SB-06-19-20	Total/NA	Solid	8015 NM	
880-59427-6	12669965-06172025-SB-06-24-25	Total/NA	Solid	8015 NM	
880-59427-7	12669965-06172025-SB-07-19-20	Total/NA	Solid	8015 NM	
880-59427-8	12669965-06172025-SB-07-24-25	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 112558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Soluble	Solid	DI Leach	
880-59427-2	12669965-06172025-SB-05-14-15	Soluble	Solid	DI Leach	
880-59427-4	12669965-06172025-SB-06-14-15	Soluble	Solid	DI Leach	
880-59427-5	12669965-06172025-SB-06-19-20	Soluble	Solid	DI Leach	
880-59427-6	12669965-06172025-SB-06-24-25	Soluble	Solid	DI Leach	
880-59427-7	12669965-06172025-SB-07-19-20	Soluble	Solid	DI Leach	
880-59427-8	12669965-06172025-SB-07-24-25	Soluble	Solid	DI Leach	
MB 880-112558/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112558/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112558/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 112558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1 MS	12669965-06172025-SB-05-9-10	Soluble	Solid	DI Leach	
880-59427-1 MSD	12669965-06172025-SB-05-9-10	Soluble	Solid	DI Leach	

Analysis Batch: 112573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59427-1	12669965-06172025-SB-05-9-10	Soluble	Solid	300.0	112558
880-59427-2	12669965-06172025-SB-05-14-15	Soluble	Solid	300.0	112558
880-59427-4	12669965-06172025-SB-06-14-15	Soluble	Solid	300.0	112558
880-59427-5	12669965-06172025-SB-06-19-20	Soluble	Solid	300.0	112558
880-59427-6	12669965-06172025-SB-06-24-25	Soluble	Solid	300.0	112558
880-59427-7	12669965-06172025-SB-07-19-20	Soluble	Solid	300.0	112558
880-59427-8	12669965-06172025-SB-07-24-25	Soluble	Solid	300.0	112558
MB 880-112558/1-A	Method Blank	Soluble	Solid	300.0	112558
LCS 880-112558/2-A	Lab Control Sample	Soluble	Solid	300.0	112558
LCSD 880-112558/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112558
880-59427-1 MS	12669965-06172025-SB-05-9-10	Soluble	Solid	300.0	112558
880-59427-1 MSD	12669965-06172025-SB-05-9-10	Soluble	Solid	300.0	112558

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-05-9-10
Lab Sample ID: 880-59427-1

Date Collected: 06/17/25 09:20
Date Received: 06/18/25 10:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D		1000	5 mL	5 mL	243507	06/19/25 13:58	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244032	06/19/25 13:58	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112597	06/19/25 13:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	112572	06/19/25 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	112579	06/19/25 13:08	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112558	06/19/25 07:48	SA	EET MID
Soluble	Analysis	300.0		1			112573	06/19/25 10:28	CH	EET MID

Client Sample ID: 12669965-06172025-SB-05-14-15
Lab Sample ID: 880-59427-2

Date Collected: 06/17/25 09:25
Date Received: 06/18/25 10:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.95 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D		1000	5 mL	5 mL	243507	06/19/25 14:19	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244032	06/19/25 14:19	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112597	06/19/25 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112572	06/19/25 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	112579	06/19/25 13:24	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	112558	06/19/25 07:48	SA	EET MID
Soluble	Analysis	300.0		1			112573	06/19/25 10:50	CH	EET MID

Client Sample ID: 12669965-06172025-SB-06-14-15
Lab Sample ID: 880-59427-4

Date Collected: 06/17/25 10:50
Date Received: 06/18/25 10:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C	DL		4.98 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D	DL	5000	5 mL	5 mL	243824	06/20/25 11:53	MTMG	EET HOU
Total/NA	Prep	5030C			4.98 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D		1000	5 mL	5 mL	243507	06/19/25 15:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244032	06/20/25 11:53	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112597	06/19/25 13:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	112572	06/19/25 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	112579	06/19/25 13:40	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112558	06/19/25 07:48	SA	EET MID
Soluble	Analysis	300.0		1			112573	06/19/25 10:57	CH	EET MID

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-06-19-20
Lab Sample ID: 880-59427-5

Date Collected: 06/17/25 11:05
Matrix: Solid
Date Received: 06/18/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D		1000	5 mL	5 mL	243507	06/19/25 15:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244032	06/19/25 15:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112597	06/19/25 13:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112572	06/19/25 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	112579	06/19/25 13:56	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	112558	06/19/25 07:48	SA	EET MID
Soluble	Analysis	300.0		1			112573	06/19/25 11:04	CH	EET MID

Client Sample ID: 12669965-06172025-SB-06-24-25
Lab Sample ID: 880-59427-6

Date Collected: 06/17/25 11:35
Matrix: Solid
Date Received: 06/18/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D		1000	5 mL	5 mL	243507	06/19/25 15:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244032	06/19/25 15:42	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112597	06/18/25 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	112445	06/17/25 14:56	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112520	06/18/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112558	06/19/25 07:48	SA	EET MID
Soluble	Analysis	300.0		1			112573	06/19/25 11:11	CH	EET MID

Client Sample ID: 12669965-06172025-SB-07-19-20
Lab Sample ID: 880-59427-7

Date Collected: 06/17/25 13:45
Matrix: Solid
Date Received: 06/18/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	243507	06/19/25 16:03	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244032	06/19/25 16:03	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112597	06/18/25 23:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112445	06/17/25 14:56	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112520	06/18/25 23:07	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	112558	06/19/25 07:48	SA	EET MID
Soluble	Analysis	300.0		1			112573	06/19/25 11:33	CH	EET MID

Client Sample ID: 12669965-06172025-SB-07-24-25
Lab Sample ID: 880-59427-8

Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/18/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	243633	06/19/25 12:18	MTMG	EET HOU
Total/NA	Analysis	8260D		100	5 mL	5 mL	243824	06/20/25 12:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244032	06/20/25 12:18	RJT	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Client Sample ID: 12669965-06172025-SB-07-24-25

Lab Sample ID: 880-59427-8

Date Collected: 06/17/25 14:00
Matrix: Solid
Date Received: 06/18/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			112597	06/18/25 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112445	06/17/25 14:56	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112520	06/18/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	112558	06/19/25 07:48	SA	EET MID
Soluble	Analysis	300.0		1			112573	06/19/25 11:40	CH	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Laboratory: Eurofins Houston

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

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

Method Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030C	Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59427-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59427-1	12669965-06172025-SB-05-9-10	Solid	06/17/25 09:20	06/18/25 10:20
880-59427-2	12669965-06172025-SB-05-14-15	Solid	06/17/25 09:25	06/18/25 10:20
880-59427-4	12669965-06172025-SB-06-14-15	Solid	06/17/25 10:50	06/18/25 10:20
880-59427-5	12669965-06172025-SB-06-19-20	Solid	06/17/25 11:05	06/18/25 10:20
880-59427-6	12669965-06172025-SB-06-24-25	Solid	06/17/25 11:35	06/18/25 10:20
880-59427-7	12669965-06172025-SB-07-19-20	Solid	06/17/25 13:45	06/18/25 10:20
880-59427-8	12669965-06172025-SB-07-24-25	Solid	06/17/25 14:00	06/18/25 10:20

Released to Imaging: 1/6/2026 3:52:26 PM

Received by OCD: 10/17/2025 9:23:24 AM

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Chain of Custody

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

Wo

880-59427 Chain of Custody

Project Manager:	Deepee Wittington	Bill to: (if different)	
Company Name:	GHD	Company Name:	
Address:	1755 Wittington Pl #500	Address:	
City, State ZIP:	Dallas, TX 75234	City, State ZIP:	
Phone:		Email:	

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

Project Name:	Enterprise Products P.Pipeline	Turn Around	
Project Number:	12669965	☐ Routine ☑ Rush	
Project Location:	Lea County, NM	Due Date:	1 day
Sampler's Name:	Carter Swanson	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.1
Total Containers:		Corrected Temperature:	1.0

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8260	NM TPH	Chlorides	Sample Comments
12669965-001172025-CS-SB-01-9-10'	Soil	6-17	9:20		Grab	2	X	X	X	
-SB-01-14-15'			9:25							
-SB-01-28-29'			10:10							hold
-SB-02-14-15'			10:50							
-SB-02-19-20'			11:05							
-SB-02-24-25'			11:35							
-SB-03-19-20'			13:45							
-SB-03-24-25'			14:00							
-SB-03-28-29'			14:10							Hold

Preservative Codes

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

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Lilly Wimberly		06/18/25 / 10:20am	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Released to Imaging: 1/6/2026 3:52:26 PM

Received by OCD: 10/17/2025 9:23:24 AM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Simmons, Debbie	Carrier Tracking No(s): N/A	COC No: 880-13759.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Debbie.Simmons@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-59427 1
Address: 4145 Greenbriar Dr	Due Date Requested: 6/19/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Enterprise Products Pipeline Release	Project #: 88002532			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5030C_Solid_NACBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
12669965-06172025-SB-01-9-10' (880-59427 1)	6/17/25	09:20 Mountain	G	Solid			X	X	1	
12669965-06172025-SB-01 14-15' (880-59427-2)	6/17/25	09:25 Mountain	G	Solid			X	X	1	
12669965-06172025-SB-02-14-15' (880-59427-4)	6/17/25	10:50 Mountain	G	Solid			X	X	1	
12669965-06172025-SB-02-19-20' (880-59427-5)	6/17/25	11:05 Mountain	G	Solid			X	X	1	
12669965-06172025-SB-02-24-25' (880-59427-6)	6/17/25	11:35 Mountain	G	Solid			X	X	1	
12669965-06172025-SB-02-19-20' (880-59427 7)	6/17/25	13:45 Mountain	G	Solid			X	X	1	
12669965-06172025-SB-03-24-25' (880-59427-8)	6/17/25	14.00 Mountain	G	Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time:	Company	Received by: DS	Date/Time: 6/19	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: HWU368 2.5		

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-59427-1
SDG Number: Lea County, NM

Login Number: 59427
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-59427-1
SDG Number: Lea County, NM

Login Number: 59427
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 06/19/25 12:09 PM

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Deedee Whittington
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 6/24/2025 12:55:37 PM

JOB DESCRIPTION

Enterprise -Lea County
12669965

JOB NUMBER

880-59524-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 1/6/2026 3:32:26 PM

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
6/24/2025 12:55:37 PM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: GHD Services Inc.
Project: Enterprise -Lea County

Job ID: 880-59524-1

Job ID: 880-59524-1 Eurofins Midland

Job Narrative
880-59524-1

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

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

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

Receipt
The samples were received on 6/19/2025 4:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

GC/MS VOA
Method 8260D: The following samples were diluted due to it being rocks: 12669965-09192025-CS-SB-13-14-20 (880-59524-1), 12669965-09192025-CS-SB-14-14-15 (880-59524-3) and 12669965-09192025-CS-SB-14-24-25 (880-59524-4). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

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

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

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

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Client Sample ID: 12669965-09192025-CS-SB-13-14-20

Lab Sample ID: 880-59524-1
Date Collected: 06/19/25 10:27
Matrix: Solid
Date Received: 06/19/25 16:43

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500		mg/Kg		06/20/25 13:00	06/20/25 14:40	50
Toluene	<0.250	U	0.250		mg/Kg		06/20/25 13:00	06/20/25 14:40	50
Ethylbenzene	<0.0500	U	0.0500		mg/Kg		06/20/25 13:00	06/20/25 14:40	50
m,p-Xylenes	<0.100	U	0.100		mg/Kg		06/20/25 13:00	06/20/25 14:40	50
o-Xylene	<0.0500	U	0.0500		mg/Kg		06/20/25 13:00	06/20/25 14:40	50
Xylenes, Total	<0.100	U	0.100		mg/Kg		06/20/25 13:00	06/20/25 14:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*06/20/25 13:00*	*06/20/25 14:40*	*50*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*06/20/25 13:00*	*06/20/25 14:40*	*50*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*06/20/25 13:00*	*06/20/25 14:40*	*50*
Toluene-d8 (Surr)	*91*		*70 - 130*	*06/20/25 13:00*	*06/20/25 14:40*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.100	U	0.100		mg/Kg			06/20/25 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/19/25 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/19/25 09:36	06/19/25 17:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/19/25 09:36	06/19/25 17:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/19/25 09:36	06/19/25 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*06/19/25 09:36*	*06/19/25 17:43*	*1*
o-Terphenyl	*107*		*70 - 130*	*06/19/25 09:36*	*06/19/25 17:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.6**		10.0		mg/Kg			06/20/25 10:51	1

Client Sample ID: 12669965-09192025-CS-SB-14-14-15

Lab Sample ID: 880-59524-3
Date Collected: 06/19/25 11:38
Matrix: Solid
Date Received: 06/19/25 16:43

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0502	U	0.0502		mg/Kg		06/20/25 13:00	06/20/25 15:01	50
Toluene	<0.251	U	0.251		mg/Kg		06/20/25 13:00	06/20/25 15:01	50
Ethylbenzene	<0.0502	U	0.0502		mg/Kg		06/20/25 13:00	06/20/25 15:01	50
m,p-Xylenes	<0.100	U	0.100		mg/Kg		06/20/25 13:00	06/20/25 15:01	50
o-Xylene	<0.0502	U	0.0502		mg/Kg		06/20/25 13:00	06/20/25 15:01	50
Xylenes, Total	<0.100	U	0.100		mg/Kg		06/20/25 13:00	06/20/25 15:01	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*06/20/25 13:00*	*06/20/25 15:01*	*50*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Client Sample ID: 12669965-09192025-CS-SB-14-14-15

Lab Sample ID: 880-59524-3
Matrix: Solid
Date Collected: 06/19/25 11:38
Date Received: 06/19/25 16:43

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*06/20/25 13:00*	*06/20/25 15:01*	*50*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*06/20/25 13:00*	*06/20/25 15:01*	*50*
Toluene-d8 (Surr)	*90*		*70 - 130*	*06/20/25 13:00*	*06/20/25 15:01*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.100	U	0.100		mg/Kg			06/20/25 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/19/25 17:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 17:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 17:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*06/19/25 09:36*	*06/19/25 17:59*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/19/25 09:36*	*06/19/25 17:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.4**		9.94		mg/Kg			06/20/25 10:56	1

Client Sample ID: 12669965-09192025-CS-SB-14-24-25

Lab Sample ID: 880-59524-4
Matrix: Solid
Date Collected: 06/19/25 11:59
Date Received: 06/19/25 16:43

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0502	U	0.0502		mg/Kg		06/20/25 13:00	06/20/25 15:22	50
Toluene	**0.489**		0.251		mg/Kg		06/20/25 13:00	06/20/25 15:22	50
Ethylbenzene	**0.683**		0.0502		mg/Kg		06/20/25 13:00	06/20/25 15:22	50
m,p-Xylenes	**3.31**		0.100		mg/Kg		06/20/25 13:00	06/20/25 15:22	50
o-Xylene	**2.01**		0.0502		mg/Kg		06/20/25 13:00	06/20/25 15:22	50
Xylenes, Total	**5.32**		0.100		mg/Kg		06/20/25 13:00	06/20/25 15:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*06/20/25 13:00*	*06/20/25 15:22*	*50*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*06/20/25 13:00*	*06/20/25 15:22*	*50*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*06/20/25 13:00*	*06/20/25 15:22*	*50*
Toluene-d8 (Surr)	*94*		*70 - 130*	*06/20/25 13:00*	*06/20/25 15:22*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**6.49**		0.100		mg/Kg			06/20/25 15:22	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Client Sample ID: 12669965-09192025-CS-SB-14-24-25

Lab Sample ID: 880-59524-4

Date Collected: 06/19/25 11:59
Date Received: 06/19/25 16:43

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	825		49.8		mg/Kg			06/19/25 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	78.3		49.8		mg/Kg		06/19/25 09:36	06/19/25 18:15	1
Diesel Range Organics (Over C10-C28)	747		49.8		mg/Kg		06/19/25 09:36	06/19/25 18:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/19/25 09:36	06/19/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*06/19/25 09:36*	*06/19/25 18:15*	*1*
o-Terphenyl	*111*		*70 - 130*	*06/19/25 09:36*	*06/19/25 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.4		10.0		mg/Kg			06/20/25 11:02	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
880-59524-1	12669965-09192025-CS-SB-13-	111	98	93	91
880-59524-3	12669965-09192025-CS-SB-14 -14-15	110	98	92	90
880-59524-4	12669965-09192025-CS-SB-14 -24-25	110	98	86	94
LCS 860-243818/3	Lab Control Sample	100	97	98	101
LCSD 860-243818/4	Lab Control Sample Dup	100	96	98	99
MB 860-243818/7	Method Blank	101	93	95	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-59524-1	12669965-09192025-CS-SB-13-	106	107
880-59524-3	12669965-09192025-CS-SB-14 -14-15	108	104
880-59524-4	12669965-09192025-CS-SB-14 -24-25	106	111
LCS 880-112572/2-A	Lab Control Sample	76	84
LCSD 880-112572/3-A	Lab Control Sample Dup	92	83
MB 880-112572/1-A	Method Blank	124	128

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-243818/7
Matrix: Solid
Analysis Batch: 243818

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/20/25 11:08	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/20/25 11:08	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/20/25 11:08	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/20/25 11:08	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/20/25 11:08	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/20/25 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*		*06/20/25 11:08*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*		*06/20/25 11:08*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*		*06/20/25 11:08*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*06/20/25 11:08*	*1*

Lab Sample ID: LCS 860-243818/3
Matrix: Solid
Analysis Batch: 243818

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05200		mg/Kg		104	66 - 142
Toluene	0.0500	0.05299		mg/Kg		106	74 - 130
Ethylbenzene	0.0500	0.05628		mg/Kg		113	80 - 130
m,p-Xylenes	0.0500	0.05583		mg/Kg		112	78 - 130
o-Xylene	0.0500	0.05700		mg/Kg		114	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 860-243818/4
Matrix: Solid
Analysis Batch: 243818

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04970		mg/Kg		99	66 - 142	5	25
Toluene	0.0500	0.05045		mg/Kg		101	74 - 130	5	25
Ethylbenzene	0.0500	0.05278		mg/Kg		106	80 - 130	6	25
m,p-Xylenes	0.0500	0.05246		mg/Kg		105	78 - 130	6	25
o-Xylene	0.0500	0.05405		mg/Kg		108	79 - 130	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-112572/1-A
Matrix: Solid
Analysis Batch: 112579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112572

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 03:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 03:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/19/25 09:36	06/19/25 03:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*06/19/25 09:36*	*06/19/25 03:56*	*1*
o-Terphenyl	*128*		*70 - 130*	*06/19/25 09:36*	*06/19/25 03:56*	*1*

Lab Sample ID: LCS 880-112572/2-A
Matrix: Solid
Analysis Batch: 112579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112572

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	818.0		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	915.3		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*76*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Lab Sample ID: LCSD 880-112572/3-A
Matrix: Solid
Analysis Batch: 112579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112572

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	801.7		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	858.7		mg/Kg		86	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*83*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112643/1-A
Matrix: Solid
Analysis Batch: 112652

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/20/25 08:23	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-112643/2-A
Matrix: Solid
Analysis Batch: 112652

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	239.1		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-112643/3-A
Matrix: Solid
Analysis Batch: 112652

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.8		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

GC/MS VOA

Analysis Batch: 243818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Total/NA	Solid	8260D	243997
880-59524-3	12669965-09192025-CS-SB-14-14-15	Total/NA	Solid	8260D	243997
880-59524-4	12669965-09192025-CS-SB-14-24-25	Total/NA	Solid	8260D	243997
MB 860-243818/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-243818/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-243818/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 243997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Total/NA	Solid	5030C	
880-59524-3	12669965-09192025-CS-SB-14-14-15	Total/NA	Solid	5030C	
880-59524-4	12669965-09192025-CS-SB-14-24-25	Total/NA	Solid	5030C	

Analysis Batch: 244044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Total/NA	Solid	Total BTEX	
880-59524-3	12669965-09192025-CS-SB-14-14-15	Total/NA	Solid	Total BTEX	
880-59524-4	12669965-09192025-CS-SB-14-24-25	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 112572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Total/NA	Solid	8015NM Prep	
880-59524-3	12669965-09192025-CS-SB-14-14-15	Total/NA	Solid	8015NM Prep	
880-59524-4	12669965-09192025-CS-SB-14-24-25	Total/NA	Solid	8015NM Prep	
MB 880-112572/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112572/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112572/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 112579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Total/NA	Solid	8015B NM	112572
880-59524-3	12669965-09192025-CS-SB-14-14-15	Total/NA	Solid	8015B NM	112572
880-59524-4	12669965-09192025-CS-SB-14-24-25	Total/NA	Solid	8015B NM	112572
MB 880-112572/1-A	Method Blank	Total/NA	Solid	8015B NM	112572
LCS 880-112572/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112572
LCSD 880-112572/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112572

Analysis Batch: 112691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Total/NA	Solid	8015 NM	
880-59524-3	12669965-09192025-CS-SB-14-14-15	Total/NA	Solid	8015 NM	
880-59524-4	12669965-09192025-CS-SB-14-24-25	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 112643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Soluble	Solid	DI Leach	
880-59524-3	12669965-09192025-CS-SB-14-14-15	Soluble	Solid	DI Leach	
880-59524-4	12669965-09192025-CS-SB-14-24-25	Soluble	Solid	DI Leach	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

HPLC/IC (Continued)

Leach Batch: 112643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-112643/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112643/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112643/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 112652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59524-1	12669965-09192025-CS-SB-13-14-20	Soluble	Solid	300.0	112643
880-59524-3	12669965-09192025-CS-SB-14-14-15	Soluble	Solid	300.0	112643
880-59524-4	12669965-09192025-CS-SB-14-24-25	Soluble	Solid	300.0	112643
MB 880-112643/1-A	Method Blank	Soluble	Solid	300.0	112643
LCS 880-112643/2-A	Lab Control Sample	Soluble	Solid	300.0	112643
LCSD 880-112643/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112643

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Client Sample ID: 12669965-09192025-CS-SB-13-14-20
Lab Sample ID: 880-59524-1

Date Collected: 06/19/25 10:27
Date Received: 06/19/25 16:43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	243997	06/20/25 13:00	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	243818	06/20/25 14:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244044	06/20/25 14:40	KLV	EET HOU
Total/NA	Analysis	8015 NM		1			112691	06/19/25 17:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112572	06/19/25 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112579	06/19/25 17:43	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112643	06/19/25 16:55	SA	EET MID
Soluble	Analysis	300.0		1			112652	06/20/25 10:51	CH	EET MID

Client Sample ID: 12669965-09192025-CS-SB-14-14-15
Lab Sample ID: 880-59524-3

Date Collected: 06/19/25 11:38
Date Received: 06/19/25 16:43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	243997	06/20/25 13:00	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	243818	06/20/25 15:01	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244044	06/20/25 15:01	KLV	EET HOU
Total/NA	Analysis	8015 NM		1			112691	06/19/25 17:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	112572	06/19/25 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112579	06/19/25 17:59	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	112643	06/19/25 16:55	SA	EET MID
Soluble	Analysis	300.0		1			112652	06/20/25 10:56	CH	EET MID

Client Sample ID: 12669965-09192025-CS-SB-14-24-25
Lab Sample ID: 880-59524-4

Date Collected: 06/19/25 11:59
Date Received: 06/19/25 16:43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.98 g	5 mL	243997	06/20/25 13:00	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	243818	06/20/25 15:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244044	06/20/25 15:22	KLV	EET HOU
Total/NA	Analysis	8015 NM		1			112691	06/19/25 18:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	112572	06/19/25 09:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112579	06/19/25 18:15	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	112643	06/19/25 16:55	SA	EET MID
Soluble	Analysis	300.0		1			112652	06/20/25 11:02	CH	EET MID

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Laboratory: Eurofins Houston

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

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

Method Summary

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030C	Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: GHD Services Inc.
Project/Site: Enterprise -Lea County

Job ID: 880-59524-1
SDG: 12669965

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59524-1	12669965-09192025-CS-SB-13-14-20	Solid	06/19/25 10:27	06/19/25 16:43
880-59524-3	12669965-09192025-CS-SB-14-14-15	Solid	06/19/25 11:38	06/19/25 16:43
880-59524-4	12669965-09192025-CS-SB-14-24-25	Solid	06/19/25 11:59	06/19/25 16:43

Released to Imaging: 1/6/2026 3:52:26 PM

Received by OCD: 10/17/2025 9:23:24 AM

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Chain of Custody

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

880-59524 Chain of Custody

Project Manager:	Dee Dee Wittington	Bill to: (if different)	
Company Name:	GHD	Company Name:	
Address:	1755 Wittington Pl	Address:	
City, State ZIP:	Dallas, TX 75234	City, State ZIP:	
Phone:		Email:	

Work Order Comments

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

Project Name:	Enterprise - Lea County	Turn Around	
Project Number:	12669965	☐ Routine ☑ Rush	
Project Location:	Lovington, NM	Due Date:	1 day
Sampler's Name:	Carter Swanson	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR4
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.0
Total Containers:		Corrected Temperature:	0.9

Preservative Codes

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

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8260	TPH 8015 (NM)	Chlorides 300	Sample Comments
12669965-06192025-GS-SB-13 -14-20	Soil	6-19	1027		Grab	2	X	X	X	
-SB-13-24-25'			1043							hold
-SB-14-14-15'			1138							
-SB-14-24-25'			1159							
-SB-14-27-28'			1212							hold

Parameters; Pres. Code

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Carter Swanson		6/19/25 1643	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Simmons, Debble	Carrier Tracking No(s): N/A	COC No: 880-13791 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Debbie.Simmons@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-59524-1
Address: 4145 Greenbriar Dr	Due Date Requested: 6/20/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Enterprise -Lea County	Project #: 88002532			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/6030C_Solid_NACBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
12669965-09192025-CS-SB-13-14-20 (880-59524-1)	6/19/25	10:27 Mountain	G	Solid			X	X	1	
12669965-09192025-CS-SB-14-14-15 (880-59524-3)	6/19/25	11:38 Mountain	G	Solid			X	X	1	
12669965-09192025-CS-SB-14-24-25 (880-59524-4)	6/19/25	11:59 Mountain	G	Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification
Unconfirmed

Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time:

Method of Shipment: FedEx

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Tetley Randell Lo	6/19/25 17:00				
Relinquished by:	Date/Time:	Company	Received by:	20 Jun 2025	Company
Relinquished by:	Date/Time:	Company	Received by:	Time: 9:16	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 4.0C 0.7

Ver: 10/10/2024

Received by OCD: 10/17/2025 9:23:24 AM
Released to Imaging: 1/6/2026 3:52:26 PM
6/24/2025

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-59524-1
SDG Number: 12669965

Login Number: 59524
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-59524-1
SDG Number: 12669965

Login Number: 59524
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 06/20/25 11:35 AM

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Deedee Whittington
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 6/26/2025 5:43:30 PM

JOB DESCRIPTION

Enterprise Products Pipeline Release
12669965

JOB NUMBER

880-59567-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 1/6/2026 3:32:26 PM

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
6/26/2025 5:43:30 PM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

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Definitions/Glossary

Client: GHD Services Inc.
Job ID: 880-59567-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: GHD Services Inc.
Project: Enterprise Products Pipeline Release

Job ID: 880-59567-1

Job ID: 880-59567-1 Eurofins Midland

Job Narrative
880-59567-1

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

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

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

Receipt
The samples were received on 6/20/2025 2:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.8°C.

GC/MS VOA
Method 8260D: The following sample was diluted due to it being rocks: 12669965-06202025-CS-SB-15-19-20 (880-59567-1). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: Sample is in a bulk jar.

12669965-06202025-CS-SB-15-24-25 (880-59567-2), 12669965-06202025-CS-SB-16-14-15 (880-59567-4) and 12669965-06202025-CS-SB-16-19-20 (880-59567-5)

Method 8260D: Sample is in a bulk jar.

12669965-06202025-CS-SB-15-28-29 (880-59567-3)

Method 8260D: The following sample was diluted due to the nature of the sample matrix: 12669965-06202025-CS-SB-16-28-29 (880-59567-6). Elevated reporting limits (RLs) are provided. Sample prepped with methanol from a bulk jar. Sample is rocks.

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

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-112723 and analytical batch 880-112741 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-112969 and analytical batch 880-112981 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Client Sample ID: 12669965-06202025-CS-SB-15-19-20

Lab Sample ID: 880-59567-1
Date Collected: 06/20/25 07:11
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0498	U	0.0498		mg/Kg		06/23/25 10:15	06/23/25 12:35	50
Toluene	<0.249	U	0.249		mg/Kg		06/23/25 10:15	06/23/25 12:35	50
Ethylbenzene	<0.0498	U	0.0498		mg/Kg		06/23/25 10:15	06/23/25 12:35	50
m,p-Xylenes	<0.0996	U	0.0996		mg/Kg		06/23/25 10:15	06/23/25 12:35	50
o-Xylene	<0.0498	U	0.0498		mg/Kg		06/23/25 10:15	06/23/25 12:35	50
Xylenes, Total	<0.0996	U	0.0996		mg/Kg		06/23/25 10:15	06/23/25 12:35	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*06/23/25 10:15*	*06/23/25 12:35*	*50*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*06/23/25 10:15*	*06/23/25 12:35*	*50*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*06/23/25 10:15*	*06/23/25 12:35*	*50*
Toluene-d8 (Surr)	*102*		*70 - 130*	*06/23/25 10:15*	*06/23/25 12:35*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0996	U	0.0996		mg/Kg			06/23/25 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			06/20/25 22:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		06/20/25 16:05	06/20/25 22:55	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/20/25 16:05	06/20/25 22:55	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/20/25 16:05	06/20/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*06/20/25 16:05*	*06/20/25 22:55*	*1*
o-Terphenyl	*100*		*70 - 130*	*06/20/25 16:05*	*06/20/25 22:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**	**F1**	10.1		mg/Kg			06/23/25 10:29	1

Client Sample ID: 12669965-06202025-CS-SB-15-24-25

Lab Sample ID: 880-59567-2
Date Collected: 06/20/25 07:18
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 12:56	1
Toluene	<0.00498	U	0.00498		mg/Kg		06/23/25 10:15	06/23/25 12:56	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 12:56	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		06/23/25 10:15	06/23/25 12:56	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 12:56	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		06/23/25 10:15	06/23/25 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*06/23/25 10:15*	*06/23/25 12:56*	*1*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Client Sample ID: 12669965-06202025-CS-SB-15-24-25

Lab Sample ID: 880-59567-2
Date Collected: 06/20/25 07:18
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		68 - 152	06/23/25 10:15	06/23/25 12:56	1
Dibromofluoromethane (Surr)	113		53 - 142	06/23/25 10:15	06/23/25 12:56	1
Toluene-d8 (Surr)	106		70 - 130	06/23/25 10:15	06/23/25 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			06/23/25 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/20/25 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/20/25 16:05	06/20/25 23:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/20/25 16:05	06/20/25 23:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/20/25 16:05	06/20/25 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/20/25 16:05	06/20/25 23:11	1
o-Terphenyl	100		70 - 130	06/20/25 16:05	06/20/25 23:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		10.0		mg/Kg			06/23/25 10:46	1

Client Sample ID: 12669965-06202025-CS-SB-15-28-29

Lab Sample ID: 880-59567-3
Date Collected: 06/20/25 07:32
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		06/25/25 09:19	06/25/25 13:25	1
Toluene	<0.00500	U	0.00500		mg/Kg		06/25/25 09:19	06/25/25 13:25	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		06/25/25 09:19	06/25/25 13:25	1
m,p-Xylenes	**0.00722**		0.00200		mg/Kg		06/25/25 09:19	06/25/25 13:25	1
o-Xylene	**0.00618**		0.00100		mg/Kg		06/25/25 09:19	06/25/25 13:25	1
Xylenes, Total	**0.0134**		0.00200		mg/Kg		06/25/25 09:19	06/25/25 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	06/25/25 09:19	06/25/25 12:03	50
1,2-Dichloroethane-d4 (Surr)	123		56 - 150	06/25/25 09:19	06/25/25 13:25	1
4-Bromofluorobenzene (Surr)	101		68 - 152	06/25/25 09:19	06/25/25 12:03	50
4-Bromofluorobenzene (Surr)	90		68 - 152	06/25/25 09:19	06/25/25 13:25	1
Dibromofluoromethane (Surr)	96		53 - 142	06/25/25 09:19	06/25/25 12:03	50
Dibromofluoromethane (Surr)	115		53 - 142	06/25/25 09:19	06/25/25 13:25	1
Toluene-d8 (Surr)	104		70 - 130	06/25/25 09:19	06/25/25 12:03	50
Toluene-d8 (Surr)	104		70 - 130	06/25/25 09:19	06/25/25 13:25	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Client Sample ID: 12669965-06202025-CS-SB-15-28-29

Lab Sample ID: 880-59567-3
Date Collected: 06/20/25 07:32
Matrix: Solid
Date Received: 06/20/25 14:09

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0134		0.00200		mg/Kg			06/25/25 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	367		50.1		mg/Kg			06/24/25 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/24/25 11:42	06/24/25 12:12	1
Diesel Range Organics (Over C10-C28)	367		50.1		mg/Kg		06/24/25 11:42	06/24/25 12:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 11:42	06/24/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*06/24/25 11:42*	*06/24/25 12:12*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/24/25 11:42*	*06/24/25 12:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3	F1	10.1		mg/Kg			06/25/25 11:43	1

Client Sample ID: 12669965-06202025-CS-SB-16-14-15

Lab Sample ID: 880-59567-4
Date Collected: 06/20/25 07:52
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 13:17	1
Toluene	<0.00498	U	0.00498		mg/Kg		06/23/25 10:15	06/23/25 13:17	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 13:17	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		06/23/25 10:15	06/23/25 13:17	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 13:17	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		06/23/25 10:15	06/23/25 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*06/23/25 10:15*	*06/23/25 13:17*	*1*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*06/23/25 10:15*	*06/23/25 13:17*	*1*
Dibromofluoromethane (Surr)	*111*		*53 - 142*	*06/23/25 10:15*	*06/23/25 13:17*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*06/23/25 10:15*	*06/23/25 13:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			06/23/25 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/20/25 23:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/20/25 16:05	06/20/25 23:27	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Client Sample ID: 12669965-06202025-CS-SB-16-14-15

Lab Sample ID: 880-59567-4
Date Collected: 06/20/25 07:52
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/20/25 16:05	06/20/25 23:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/20/25 16:05	06/20/25 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*06/20/25 16:05*	*06/20/25 23:27*	*1*
o-Terphenyl	*103*		*70 - 130*	*06/20/25 16:05*	*06/20/25 23:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		10.0		mg/Kg			06/23/25 10:52	1

Client Sample ID: 12669965-06202025-CS-SB-16-19-20

Lab Sample ID: 880-59567-5
Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 13:38	1
Toluene	<0.00498	U	0.00498		mg/Kg		06/23/25 10:15	06/23/25 13:38	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 13:38	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		06/23/25 10:15	06/23/25 13:38	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		06/23/25 10:15	06/23/25 13:38	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		06/23/25 10:15	06/23/25 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*06/23/25 10:15*	*06/23/25 13:38*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*06/23/25 10:15*	*06/23/25 13:38*	*1*
Dibromofluoromethane (Surr)	*113*		*53 - 142*	*06/23/25 10:15*	*06/23/25 13:38*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*06/23/25 10:15*	*06/23/25 13:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			06/23/25 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/20/25 23:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/20/25 16:05	06/20/25 23:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/20/25 16:05	06/20/25 23:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/20/25 16:05	06/20/25 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/20/25 16:05*	*06/20/25 23:43*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/20/25 16:05*	*06/20/25 23:43*	*1*

Client Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Client Sample ID: 12669965-06202025-CS-SB-16-19-20

Lab Sample ID: 880-59567-5
Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/20/25 14:09

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		10.1		mg/Kg			06/23/25 10:58	1

Client Sample ID: 12669965-06202025-CS-SB-16-28-29

Lab Sample ID: 880-59567-6
Date Collected: 06/20/25 08:20
Matrix: Solid
Date Received: 06/20/25 14:09

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.198	U	0.198		mg/Kg		06/25/25 09:19	06/25/25 12:28	200
Toluene	1.45		0.990		mg/Kg		06/25/25 09:19	06/25/25 12:28	200
Ethylbenzene	0.637		0.198		mg/Kg		06/25/25 09:19	06/25/25 12:28	200
m,p-Xylenes	2.94		0.396		mg/Kg		06/25/25 09:19	06/25/25 12:28	200
o-Xylene	1.54		0.198		mg/Kg		06/25/25 09:19	06/25/25 12:28	200
Xylenes, Total	4.48		0.396		mg/Kg		06/25/25 09:19	06/25/25 12:28	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*06/25/25 09:19*	*06/25/25 12:28*	*200*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*06/25/25 09:19*	*06/25/25 12:28*	*200*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*06/25/25 09:19*	*06/25/25 12:28*	*200*
Toluene-d8 (Surr)	*105*		*70 - 130*	*06/25/25 09:19*	*06/25/25 12:28*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	6.57		0.396		mg/Kg			06/25/25 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1280		50.1		mg/Kg			06/24/25 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	213		50.1		mg/Kg		06/24/25 11:42	06/24/25 12:12	1
Diesel Range Organics (Over C10-C28)	1070		50.1		mg/Kg		06/24/25 11:42	06/24/25 12:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/24/25 11:42	06/24/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*06/24/25 11:42*	*06/24/25 12:12*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/24/25 11:42*	*06/24/25 12:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9		10.1		mg/Kg			06/25/25 12:00	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
880-59567-1	12669965-06202025-CS-SB-15-19-:	101	104	105	102
880-59567-2	12669965-06202025-CS-SB-15-24-25	104	107	113	106
880-59567-3	12669965-06202025-CS-SB-15-28-29	123	90	115	104
880-59567-3	12669965-06202025-CS-SB-15-28-29	105	101	96	104
880-59567-4	12669965-06202025-CS-SB-16-14-15	107	107	111	103
880-59567-5	12669965-06202025-CS-SB-16-19-20	111	109	113	102
880-59567-6	12669965-06202025-CS-SB-16-28-29	102	106	97	105
LCS 860-244177/3	Lab Control Sample	99	99	97	99
LCS 860-244736/3	Lab Control Sample	97	103	102	100
LCS 860-244757/3	Lab Control Sample	103	101	100	109
LCSD 860-244177/4	Lab Control Sample Dup	95	99	96	97
LCSD 860-244736/4	Lab Control Sample Dup	98	99	96	95
LCSD 860-244757/4	Lab Control Sample Dup	103	102	98	107
MB 860-244177/8	Method Blank	103	105	108	102
MB 860-244736/8	Method Blank	103	106	103	105
MB 860-244757/8	Method Blank	104	102	97	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-59567-1	12669965-06202025-CS-SB-15-19-:	100	100
880-59567-2	12669965-06202025-CS-SB-15-24-25	101	100
880-59567-3	12669965-06202025-CS-SB-15-28-29	100	102
880-59567-4	12669965-06202025-CS-SB-16-14-15	101	103
880-59567-5	12669965-06202025-CS-SB-16-19-20	104	102
880-59567-6	12669965-06202025-CS-SB-16-28-29	90	104
LCS 880-112709/2-A	Lab Control Sample	114	126
LCS 880-112819/2-A	Lab Control Sample	84	96
LCS 880-112820/2-A	Lab Control Sample	93	105
LCSD 880-112709/3-A	Lab Control Sample Dup	130	121
LCSD 880-112819/3-A	Lab Control Sample Dup	102	115
LCSD 880-112820/3-A	Lab Control Sample Dup	122	118
MB 880-112709/1-A	Method Blank	123	127

Surrogate Summary

Client: GHD Services Inc.
Job ID: 880-59567-1
Project/Site: Enterprise Products Pipeline Release
SDG: 12669965

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)						
MB 880-112819/1-A	Method Blank	101	105						
MB 880-112820/1-A	Method Blank	105	113						

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-244177/8
Matrix: Solid
Analysis Batch: 244177

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/23/25 10:42	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/23/25 10:42	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/23/25 10:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/23/25 10:42	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/23/25 10:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/23/25 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*06/23/25 10:42*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*		*06/23/25 10:42*	*1*
Dibromofluoromethane (Surr)	*108*		*53 - 142*		*06/23/25 10:42*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/23/25 10:42*	*1*

Lab Sample ID: LCS 860-244177/3
Matrix: Solid
Analysis Batch: 244177

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05156		mg/Kg		103	66 - 142
Toluene	0.0500	0.05188		mg/Kg		104	74 - 130
Ethylbenzene	0.0500	0.05649		mg/Kg		113	80 - 130
m,p-Xylenes	0.0500	0.05704		mg/Kg		114	78 - 130
o-Xylene	0.0500	0.05617		mg/Kg		112	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 860-244177/4
Matrix: Solid
Analysis Batch: 244177

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04186		mg/Kg		84	66 - 142	21	25
Toluene	0.0500	0.04214		mg/Kg		84	74 - 130	21	25
Ethylbenzene	0.0500	0.04610		mg/Kg		92	80 - 130	20	25
m,p-Xylenes	0.0500	0.04582		mg/Kg		92	78 - 130	22	25
o-Xylene	0.0500	0.04650		mg/Kg		93	79 - 130	19	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*96*		*53 - 142*
Toluene-d8 (Surr)	*97*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-244736/8
Matrix: Solid
Analysis Batch: 244736

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/25/25 10:29	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/25/25 10:29	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/25/25 10:29	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/25/25 10:29	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/25/25 10:29	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/25/25 10:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*06/25/25 10:29*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*		*06/25/25 10:29*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*		*06/25/25 10:29*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/25/25 10:29*	*1*

Lab Sample ID: LCS 860-244736/3
Matrix: Solid
Analysis Batch: 244736

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04734		mg/Kg		95	66 - 142
Toluene	0.0500	0.04783		mg/Kg		96	74 - 130
Ethylbenzene	0.0500	0.05141		mg/Kg		103	80 - 130
m,p-Xylenes	0.0500	0.05111		mg/Kg		102	78 - 130
o-Xylene	0.0500	0.05097		mg/Kg		102	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*
Dibromofluoromethane (Surr)	*102*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-244736/4
Matrix: Solid
Analysis Batch: 244736

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04869		mg/Kg		97	66 - 142	3	25
Toluene	0.0500	0.04629		mg/Kg		93	74 - 130	3	25
Ethylbenzene	0.0500	0.05108		mg/Kg		102	80 - 130	1	25
m,p-Xylenes	0.0500	0.05053		mg/Kg		101	78 - 130	1	25
o-Xylene	0.0500	0.05098		mg/Kg		102	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*96*		*53 - 142*
Toluene-d8 (Surr)	*95*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-244757/8
Matrix: Solid
Analysis Batch: 244757

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			06/25/25 11:13	1
Toluene	<0.00500	U	0.00500		mg/Kg			06/25/25 11:13	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			06/25/25 11:13	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			06/25/25 11:13	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			06/25/25 11:13	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			06/25/25 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*		*06/25/25 11:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*68 - 152*		*06/25/25 11:13*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*		*06/25/25 11:13*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/25/25 11:13*	*1*

Lab Sample ID: LCS 860-244757/3
Matrix: Solid
Analysis Batch: 244757

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05033		mg/Kg		101	66 - 142
Toluene	0.0500	0.05180		mg/Kg		104	74 - 130
Ethylbenzene	0.0500	0.05537		mg/Kg		111	80 - 130
m,p-Xylenes	0.0500	0.05419		mg/Kg		108	78 - 130
o-Xylene	0.0500	0.05417		mg/Kg		108	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 860-244757/4
Matrix: Solid
Analysis Batch: 244757

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04779		mg/Kg		96	66 - 142	5	25
Toluene	0.0500	0.04960		mg/Kg		99	74 - 130	4	25
Ethylbenzene	0.0500	0.05274		mg/Kg		105	80 - 130	5	25
m,p-Xylenes	0.0500	0.05109		mg/Kg		102	78 - 130	6	25
o-Xylene	0.0500	0.05102		mg/Kg		102	79 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*102*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*107*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-112709/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112675 — **Prep Batch: 112709**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/20/25 16:05	06/20/25 20:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/20/25 16:05	06/20/25 20:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/20/25 16:05	06/20/25 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*06/20/25 16:05*	*06/20/25 20:18*	*1*
o-Terphenyl	*127*		*70 - 130*	*06/20/25 16:05*	*06/20/25 20:18*	*1*

Lab Sample ID: LCS 880-112709/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112675 — **Prep Batch: 112709**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1086		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1192		mg/Kg		119	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*114*		*70 - 130*
o-Terphenyl	*126*		*70 - 130*

Lab Sample ID: LCSD 880-112709/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112675 — **Prep Batch: 112709**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1040		mg/Kg		104	70 - 130	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*130*		*70 - 130*
o-Terphenyl	*121*		*70 - 130*

Lab Sample ID: MB 880-112819/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112856 — **Prep Batch: 112819**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/23/25 16:10	06/24/25 02:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/23/25 16:10	06/24/25 02:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/23/25 16:10	06/24/25 02:55	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

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

Lab Sample ID: MB 880-112819/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112856 — **Prep Batch: 112819**

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/23/25 16:10	06/24/25 02:55	1
o-Terphenyl	105		70 - 130	06/23/25 16:10	06/24/25 02:55	1

Lab Sample ID: LCS 880-112819/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112856 — **Prep Batch: 112819**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	846.6		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1038		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: LCSD 880-112819/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112856 — **Prep Batch: 112819**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1017		mg/Kg		102	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	1000	1249		mg/Kg		125	70 - 130	18	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: MB 880-112820/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112858 — **Prep Batch: 112820**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/23/25 16:10	06/24/25 02:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/23/25 16:10	06/24/25 02:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/23/25 16:10	06/24/25 02:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	06/23/25 16:10	06/24/25 02:55	1
o-Terphenyl	113		70 - 130	06/23/25 16:10	06/24/25 02:55	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

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

Lab Sample ID: LCS 880-112820/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112858 — **Prep Batch: 112820**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	796.7		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	907.8		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*105*		*70 - 130*

Lab Sample ID: LCSD 880-112820/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 112858 — **Prep Batch: 112820**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	749.7		mg/Kg		75	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	824.8		mg/Kg		82	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-112723/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112741

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/23/25 10:12	1

Lab Sample ID: LCS 880-112723/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112741

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.7		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-112723/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112741

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.6		mg/Kg		98	90 - 110	0	20

QC Sample Results

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-59567-1 MS — **Client Sample ID: 12669965-06202025-CS-SB-15-19-20**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112741

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	105	F1	253	386.8	F1	mg/Kg		112	90 - 110		

Lab Sample ID: 880-59567-1 MSD — **Client Sample ID: 12669965-06202025-CS-SB-15-19-20**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112741

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	105	F1	253	387.0	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: MB 880-112969/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112981

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/25/25 11:26	1

Lab Sample ID: LCS 880-112969/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112981

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.6		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-112969/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112981

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.9		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-59567-3 MS — **Client Sample ID: 12669965-06202025-CS-SB-15-28-29**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112981

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	86.3	F1	252	365.9	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-59567-3 MSD — **Client Sample ID: 12669965-06202025-CS-SB-15-28-29**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 112981

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	86.3	F1	252	367.1	F1	mg/Kg		111	90 - 110	0	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

GC/MS VOA

Analysis Batch: 244177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Total/NA	Solid	8260D	244209
880-59567-2	12669965-06202025-CS-SB-15-24-25	Total/NA	Solid	8260D	244209
880-59567-4	12669965-06202025-CS-SB-16-14-15	Total/NA	Solid	8260D	244209
880-59567-5	12669965-06202025-CS-SB-16-19-20	Total/NA	Solid	8260D	244209
MB 860-244177/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-244177/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-244177/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 244209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Total/NA	Solid	5030C	
880-59567-2	12669965-06202025-CS-SB-15-24-25	Total/NA	Solid	5030C	
880-59567-4	12669965-06202025-CS-SB-16-14-15	Total/NA	Solid	5030C	
880-59567-5	12669965-06202025-CS-SB-16-19-20	Total/NA	Solid	5030C	

Analysis Batch: 244317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Total/NA	Solid	Total BTEX	
880-59567-2	12669965-06202025-CS-SB-15-24-25	Total/NA	Solid	Total BTEX	
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	Total BTEX	
880-59567-4	12669965-06202025-CS-SB-16-14-15	Total/NA	Solid	Total BTEX	
880-59567-5	12669965-06202025-CS-SB-16-19-20	Total/NA	Solid	Total BTEX	
880-59567-6	12669965-06202025-CS-SB-16-28-29	Total/NA	Solid	Total BTEX	

Analysis Batch: 244736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	8260D	244764
MB 860-244736/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-244736/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-244736/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 244757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	8260D	244764
880-59567-6	12669965-06202025-CS-SB-16-28-29	Total/NA	Solid	8260D	244764
MB 860-244757/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-244757/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-244757/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 244764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	5030C	
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	5030C	
880-59567-6	12669965-06202025-CS-SB-16-28-29	Total/NA	Solid	5030C	

GC Semi VOA

Analysis Batch: 112675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Total/NA	Solid	8015B NM	112709
880-59567-2	12669965-06202025-CS-SB-15-24-25	Total/NA	Solid	8015B NM	112709

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

GC Semi VOA (Continued)

Analysis Batch: 112675 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-4	12669965-06202025-CS-SB-16-14-15	Total/NA	Solid	8015B NM	112709
880-59567-5	12669965-06202025-CS-SB-16-19-20	Total/NA	Solid	8015B NM	112709
MB 880-112709/1-A	Method Blank	Total/NA	Solid	8015B NM	112709
LCS 880-112709/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112709
LCSD 880-112709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112709

Prep Batch: 112709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Total/NA	Solid	8015NM Prep	
880-59567-2	12669965-06202025-CS-SB-15-24-25	Total/NA	Solid	8015NM Prep	
880-59567-4	12669965-06202025-CS-SB-16-14-15	Total/NA	Solid	8015NM Prep	
880-59567-5	12669965-06202025-CS-SB-16-19-20	Total/NA	Solid	8015NM Prep	
MB 880-112709/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112709/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 112738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Total/NA	Solid	8015 NM	
880-59567-2	12669965-06202025-CS-SB-15-24-25	Total/NA	Solid	8015 NM	
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	8015 NM	
880-59567-4	12669965-06202025-CS-SB-16-14-15	Total/NA	Solid	8015 NM	
880-59567-5	12669965-06202025-CS-SB-16-19-20	Total/NA	Solid	8015 NM	
880-59567-6	12669965-06202025-CS-SB-16-28-29	Total/NA	Solid	8015 NM	

Prep Batch: 112819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	8015NM Prep	
MB 880-112819/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112819/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 112820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-6	12669965-06202025-CS-SB-16-28-29	Total/NA	Solid	8015NM Prep	
MB 880-112820/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-112820/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-112820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 112856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-3	12669965-06202025-CS-SB-15-28-29	Total/NA	Solid	8015B NM	112819
MB 880-112819/1-A	Method Blank	Total/NA	Solid	8015B NM	112819
LCS 880-112819/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112819
LCSD 880-112819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112819

Analysis Batch: 112858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-6	12669965-06202025-CS-SB-16-28-29	Total/NA	Solid	8015B NM	112820
MB 880-112820/1-A	Method Blank	Total/NA	Solid	8015B NM	112820
LCS 880-112820/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	112820

QC Association Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

GC Semi VOA (Continued)

Analysis Batch: 112858 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-112820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	112820

HPLC/IC

Leach Batch: 112723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Soluble	Solid	DI Leach	
880-59567-2	12669965-06202025-CS-SB-15-24-25	Soluble	Solid	DI Leach	
880-59567-4	12669965-06202025-CS-SB-16-14-15	Soluble	Solid	DI Leach	
880-59567-5	12669965-06202025-CS-SB-16-19-20	Soluble	Solid	DI Leach	
MB 880-112723/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112723/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112723/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59567-1 MS	12669965-06202025-CS-SB-15-19-20	Soluble	Solid	DI Leach	
880-59567-1 MSD	12669965-06202025-CS-SB-15-19-20	Soluble	Solid	DI Leach	

Analysis Batch: 112741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-1	12669965-06202025-CS-SB-15-19-20	Soluble	Solid	300.0	112723
880-59567-2	12669965-06202025-CS-SB-15-24-25	Soluble	Solid	300.0	112723
880-59567-4	12669965-06202025-CS-SB-16-14-15	Soluble	Solid	300.0	112723
880-59567-5	12669965-06202025-CS-SB-16-19-20	Soluble	Solid	300.0	112723
MB 880-112723/1-A	Method Blank	Soluble	Solid	300.0	112723
LCS 880-112723/2-A	Lab Control Sample	Soluble	Solid	300.0	112723
LCSD 880-112723/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112723
880-59567-1 MS	12669965-06202025-CS-SB-15-19-20	Soluble	Solid	300.0	112723
880-59567-1 MSD	12669965-06202025-CS-SB-15-19-20	Soluble	Solid	300.0	112723

Leach Batch: 112969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-3	12669965-06202025-CS-SB-15-28-29	Soluble	Solid	DI Leach	
880-59567-6	12669965-06202025-CS-SB-16-28-29	Soluble	Solid	DI Leach	
MB 880-112969/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-112969/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-112969/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59567-3 MS	12669965-06202025-CS-SB-15-28-29	Soluble	Solid	DI Leach	
880-59567-3 MSD	12669965-06202025-CS-SB-15-28-29	Soluble	Solid	DI Leach	

Analysis Batch: 112981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59567-3	12669965-06202025-CS-SB-15-28-29	Soluble	Solid	300.0	112969
880-59567-6	12669965-06202025-CS-SB-16-28-29	Soluble	Solid	300.0	112969
MB 880-112969/1-A	Method Blank	Soluble	Solid	300.0	112969
LCS 880-112969/2-A	Lab Control Sample	Soluble	Solid	300.0	112969
LCSD 880-112969/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	112969
880-59567-3 MS	12669965-06202025-CS-SB-15-28-29	Soluble	Solid	300.0	112969
880-59567-3 MSD	12669965-06202025-CS-SB-15-28-29	Soluble	Solid	300.0	112969

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Client Sample ID: 12669965-06202025-CS-SB-15-19-20

Lab Sample ID: 880-59567-1
Date Collected: 06/20/25 07:11
Matrix: Solid
Date Received: 06/20/25 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244177	06/23/25 12:35	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244317	06/23/25 12:35	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112738	06/20/25 22:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	112709	06/20/25 16:05	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112675	06/20/25 22:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112723	06/23/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1			112741	06/23/25 10:29	SI	EET MID

Client Sample ID: 12669965-06202025-CS-SB-15-24-25

Lab Sample ID: 880-59567-2
Date Collected: 06/20/25 07:18
Matrix: Solid
Date Received: 06/20/25 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	244177	06/23/25 12:56	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244317	06/23/25 12:56	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112738	06/20/25 23:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	112709	06/20/25 16:05	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112675	06/20/25 23:11	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	112723	06/23/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1			112741	06/23/25 10:46	SI	EET MID

Client Sample ID: 12669965-06202025-CS-SB-15-28-29

Lab Sample ID: 880-59567-3
Date Collected: 06/20/25 07:32
Matrix: Solid
Date Received: 06/20/25 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	244764	06/25/25 09:19	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	244757	06/25/25 12:03	MTMG	EET HOU
Total/NA	Prep	5030C			5.00 g	5 mL	244764	06/25/25 09:19	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	244736	06/25/25 13:25	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244317	06/25/25 13:25	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112738	06/24/25 12:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	112819	06/24/25 11:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112856	06/24/25 12:12	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112969	06/25/25 07:42	SA	EET MID
Soluble	Analysis	300.0		1			112981	06/25/25 11:43	CS	EET MID

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Client Sample ID: 12669965-06202025-CS-SB-16-14-15

Lab Sample ID: 880-59567-4
Date Collected: 06/20/25 07:52
Matrix: Solid
Date Received: 06/20/25 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	244177	06/23/25 13:17	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244317	06/23/25 13:17	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112738	06/20/25 23:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	112709	06/20/25 16:05	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112675	06/20/25 23:27	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	112723	06/23/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1			112741	06/23/25 10:52	SI	EET MID

Client Sample ID: 12669965-06202025-CS-SB-16-19-20

Lab Sample ID: 880-59567-5
Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/20/25 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	244209	06/23/25 10:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	244177	06/23/25 13:38	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244317	06/23/25 13:38	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112738	06/20/25 23:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	112709	06/20/25 16:05	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112675	06/20/25 23:43	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112723	06/23/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1			112741	06/23/25 10:58	SI	EET MID

Client Sample ID: 12669965-06202025-CS-SB-16-28-29

Lab Sample ID: 880-59567-6
Date Collected: 06/20/25 08:20
Matrix: Solid
Date Received: 06/20/25 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	244764	06/25/25 09:19	MTMG	EET HOU
Total/NA	Analysis	8260D		200	5 mL	5 mL	244757	06/25/25 12:28	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			244317	06/25/25 12:28	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			112738	06/24/25 12:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	112820	06/24/25 11:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	112858	06/24/25 12:12	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	112969	06/25/25 07:42	SA	EET MID
Soluble	Analysis	300.0		1			112981	06/25/25 12:00	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Laboratory: Eurofins Midland

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Laboratory: Eurofins Houston

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

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

Method Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030C	Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: GHD Services Inc.
Project/Site: Enterprise Products Pipeline Release

Job ID: 880-59567-1
SDG: 12669965

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59567-1	12669965-06202025-CS-SB-15-19-20	Solid	06/20/25 07:11	06/20/25 14:09
880-59567-2	12669965-06202025-CS-SB-15-24-25	Solid	06/20/25 07:18	06/20/25 14:09
880-59567-3	12669965-06202025-CS-SB-15-28-29	Solid	06/20/25 07:32	06/20/25 14:09
880-59567-4	12669965-06202025-CS-SB-16-14-15	Solid	06/20/25 07:52	06/20/25 14:09
880-59567-5	12669965-06202025-CS-SB-16-19-20	Solid	06/20/25 08:00	06/20/25 14:09
880-59567-6	12669965-06202025-CS-SB-16-28-29	Solid	06/20/25 08:20	06/20/25 14:09

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Received by OCD: 10/17/2025 9:23:24 AM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

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880-59567 Chain of Custody

Client Information	Sampler: Carter Swanson	Lab PM: Simmons, Debbie	Carrier Tracking No(s):	COC No: 880-13310-1957.1
Client Contact: Deedee Whittington	Phone: 580-768-2542	E-Mail: Debbie.Simmons@et.eurofinsus.com	State of Origin:	
Company: GHD Services Inc.	PWSID:			
Address: 1755 Wittington Place Suite 500	Due Date Requested: 6-23			
City: Dallas	TAT Requested (days): 1-day			
State, Zip: TX, 75234	Compliance Project: Δ Yes Δ No			
Phone: 682-300-7374(Tel)	PO #: Purchase Order Requested			
Email: deedee.whittington@ghd.com	WO #: 12669965			
Project Name: Enterprise Products Pipeline Release	Project #: 88002532			
Site: Lovington NM	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - BTEX	8015MOD_NM - Full TPH	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A/N	A/N	N		
12669965-06202025-CS-SB-15-14-20'	6-20	0711	Grab	Soil			X	X	X		
SB-15-24-25'		0718									
SB-15-28-29'		0732									
SB-16-14-15'		0757									hold
~~SB-16-14-15'~~ CS											
SB-16-14-20'		0800									
SB-16-28-29'		0820									hold

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Carter Swanson	Date/Time: 6-20-2025 1409	Company	Received by:	Date/Time: 6/20/25 1409	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: -1.7 / -1.8 - 1 TRO

Ver: 05/06/2024

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

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6/26/2025

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Simmons, Debbie	Carrier Tracking No(s): N/A	COC No: 880-13790.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Debbie.Simmons@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-59567 1
Address: 4145 Greenbriar Dr	Due Date Requested: 6/23/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Enterprise Products Pipeline Release	Project #: 88002532			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/6030C_Solid_NACBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
12669965-06202025-CS-SB-15-19-20' (880-59567 1)	6/20/25	07:11 Mountain	G	Solid			X	X	1	
12669965-06202025-CS-SB-15-24-25' (880-59567-2)	6/20/25	07:18 Mountain	G	Solid			X	X	1	
12669965-06202025-CS-SB-16-14-15' (880-59567-4)	6/20/25	07:52 Mountain	G	Solid			X	X	1	
12669965-06202025-CS-SB-16-14-20' (880-59567-5)	6/20/25	08:00 Mountain	G	Solid			X	X	1	

Temp C/F -0.1 4.2 IR ID.HOU-368
Corrected Temp: 4.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 6/21/25 0908	Company Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 10/17/2025 9:23:24 AM

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Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-59567-1
SDG Number: 12669965

Login Number: 59567
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-59567-1
SDG Number: 12669965

Login Number: 59567
List Number: 2
Creator: Torres, Sandra

List Source: Eurofins Houston
List Creation: 06/21/25 11:47 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Received by OCD: 10/17/2025 9:23:24 AM

ATTACHMENT 6 – DRAFT PUBLIC NOTICE

Released to Imaging: 1/6/2026 3:52:26 PM

PUBLIC NOTICE

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (19.15.30.15 NMAC), the following Stage 1 Abatement Plan has been submitted to the New Mexico Oil Conservation Division ("OCD") Environmental Bureau, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3441, OCD.environmental@emnrd.nm.gov.

Enterprise Products Operating LLC, 1100 Louisiana Street, Houston, Texas 77002, has submitted a Stage 1 Abatement Plan (AP) for soil and groundwater impacts identified at the TW Products Pipeline Release Site located within Unit O, Section 16, Township 14 South, Range 35 East, in Lea County, New Mexico. The exact location of the release site is at latitude and longitude decimal degrees: 33.099816°, -103.410090°. To aid in locating the Site, the approximate location is north-northwest of Lovington, New Mexico, 8.46 miles north of the intersection of Highway 82 and Tatum Highway, and 5.35 miles west of Tatum Highway.

On May 4, 2025, approximately 81 barrels of refined product (gasoline) were released from the pipeline. Approximately 5 barrels were recovered. Initial response activities were implemented to repair the pipeline and remediate hydrocarbon impacts at the site. Subsurface investigations concluded that the released product impacted the vadose zone and shallow groundwater at the Site. No surface water has been impacted by this release.

The Stage 1 AP proposes to confirm delineation of soil impacts through the installation of soil borings that will be converted to monitoring wells or soil vapor extraction wells at the Site. Groundwater sampling will be conducted subsequent to monitoring well installation. A mobile-dual phase extraction (MDPE) pilot test will be conducted to evaluate the effectiveness of MDPE for enhanced light non-aqueous phase liquid (LNAPL) and soil vapor recovery at the Site. The data obtained from the Stage 1 Abatement Plan activities will be evaluated to determine a preferred abatement plan remediation option at the site.

It is anticipated that the tasks associated with Stage 1 AP activities will be completed between November 2025 and January 2026. The Stage 1 AP addresses soil contaminant delineation, monitoring well installation, construction, development, groundwater monitoring, MDPE pilot tests, and reporting. Once the magnitude and extent of groundwater impacts are understood at the site, proposed remediation activities will be presented in a subsequent Stage 2 AP.

Additional information can be obtained from the Enterprise project contact:

Ms. Valarie Phipps
Environmental Engineer – Remediation
1100 Louisiana Street
Houston, Texas 77002
(713) 381-4698

The OCD has determined that the Stage 1 AP is administratively complete. The OCD will accept comments and statements of interest regarding this work plan and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments, or requesting to be on a facility-specific mailing list may contact the OCD Environmental Bureau at the address given above.

The public may view a copy of the Stage 1 Abatement Plan online from OCD Permitting under incident ID# nAPP2512439394 at http://www.emnrd.state.nm.us/ocd/. Persons interested in obtaining a copy of the Stage 1 AP may contact the OCD at the address given above. The OCD will accept written comments on the Stage 1 AP if the Director receives them within 30 days of publication of this notice.

Para obtener mas información sobre esta solicitud en español, sirvase comunicarse por favor: New Mexico Energy,Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo Mexico), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: OCD.environmental@emnrd.nm.gov).

Given under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this [PUBLICATION MONTH AND DAY], 2025.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Albert Chang, Director

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 516538

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 516538
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	All groundwater samples will be analyzed according to all constituents in 20.6.2.3103 NMAC Pursuant to 19.15.30.9.B(2) NMAC. Operators may request to reduce sampling constituents based upon future results.	12/11/2025
shanna.smith	Submit quarterly reports pursuant to 19.15.30.13 Paragraph (5) of Subsection C.	12/11/2025
csmith	Pursuant to 19.15.30.9 (A) Each soil boring will have at a minimum two soil samples collected from the depth exhibiting the highest observed contamination and, at the capillary fringe, and will be analyzed for all constituents in 20.6.2.3103 NMAC. in the event the Soil boring is deeper than the capillary fringe a deepest depth sample will also be required.	12/17/2025