SITE CHARACTERIZATION REMEDIATION PLAN

Walker HP Gas Line

Eddy County, New Mexico

Incident Number NAPP2429241405

Prepared for:

Delaware Basin Midstream, LLC

Carlsbad ● Houston ● Midland ● San Antonio ● Lubbock ● Hobbs ● Lafayette

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Delaware Basin Midstream, LLC (DBM), presents the following Site Characterization Remediation Plan (SCRP) detailing Site assessment and delineation soil sampling activities associated with an inadvertent reportable release of condensate and natural gas at the Walker HP Gas Line (Site). Based on delineation laboratory analytical results, DBM proposes this SCRP, which proposes confirmation soil sampling activities to further confirm the absence of residually impacted soil at the Site associated with the subject release.

SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit D, Section 13, Township 25 South, Range 30 East, in Eddy County, New Mexico (32.136735, -103.841981) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM) as shown on **Figure 1** in **Appendix A**.

On October 17, 2024, the door of a pigging barrel was left open allowing condensate and gas to be released which resulted in approximately 23 barrels (bbl) of condensate and 17,878.42 thousand cubic feet (mcf) of gas to be released into the pasture. No fluids were able to be recovered. On October 25, 2024, Etech conducted a Site assessment and mapped the observed release extent with a handheld Global Positioning System (GPS) unit, hereafter referred to as the Area of Concern (AOC), which is depicted on **Figure 2** in **Appendix A**. DBM immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Form C-141, which was received by the NMOCD on October 18, 2024, and was subsequently assigned Incident Number NAPP2429241405.

On November 12, 2024, Etech conducted initial delineation activities to test for any immediate impacts from the pasture. A detailed summary of delineation soil sampling activities is provided below.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Depth to groundwater at the Site is reported to be 325 feet below ground surface (bgs) based on a permitted soil boring that was drilled by SBQ Drilling, LLC for BOPCO, L.P. on January 10, 2015. The boring was filed under New Mexico Office of the State Engineer (NMOSE) C-03781 but was subsequently renumbered to C-03832. The soil boring is located approximately 0.88 mile south of the Site (**Figure 1A** in **Appendix A**). Using a truck mounted drill rig equipped with air rotary, the soil boring was advanced to a total depth of 720 feet bgs. After a 72-hour observation period the static water level was measured to be

at 325 feet. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log is provided in **Appendix B**.

The Site is located within a low karst potential area and all other potential receptors are not within the established buffers defined in NMAC 19.15.29.12. Receptor details from the site characterization are included in **Figure 1B** and **Figure 1C** in **Appendix A**.

Based on the results from the desktop review and distance to nearest well with water well data (greater than 0.5 mile), the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria[†]
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8260B	50 mg/kg

[†]*The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.*

DELINEATION SOIL SAMPLING ACTIVITIES

On November 12, 2024, Etech conducted delineation activities to assess the presence or absence of residual impacts within and around the AOC. Sixteen auger holes (Auger Hole 1 through Auger Hole 16) were advanced via hand auger which were driven by field screening soil samples for volatile organic compounds (VOCs) using a photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A minimum of two soil samples per delineation sampling location were collected for laboratory analysis, representing the highest observed field screened concentrations and the greatest depth. The locations of the delineation soil samples were mapped with a handheld GPS unit and are shown in **Figure 2** in **Appendix A**. Photographic documentation during delineation activities is included in **Appendix C**.

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Eurofins Environmental Testing (Eurofins) in Midland, Texas, for analysis of COCs.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated COCs concentrations were below the Site Closure Criteria.

Laboratory analytical results are summarized in **Table 1** as **Attachment D**, and the complete laboratory reports with chain-of-custody documentation is included as **Attachment E**.

CONFIRMATION SOIL SAMPLE VARIANCE REQUEST

Based on the delineation soil sample laboratory analytical results, the following conclusions regarding the release are presented:

- Based on laboratory analytical results, BTEX, benzene, TPH and chloride concentrations were below the Site Closure Criteria for all analyzed soil samples collected within and around the AOC.

- Concentrations of all the COCs for the terminus delineation soil samples from each sampling location were below the applicable Site Closure Criteria, providing sufficient vertical delineation.
- Horizontal delineation was achieved through delineation soil sampling locations Auger Hole 8 through Auger Hole 16.

Based on the conclusion drawn above, DBM proposes the following remedial corrective actions:

- Based off delineation laboratory analytical results, DBM requests a sampling variance for the proposed confirmation samples to represent a maximum of 500 square feet per soil sample collected from the AOC (**Figure 3** in **Appendix A**). As a result, the number of confirmation soil samples would decrease from 178 soil samples to 71 soil samples. Proposed confirmation soil samples from the edge of the release extent will be collected at the standard sampling frequency of 200 square feet. The 5-point confirmation soil samples will be comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples will be placed into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples will be transported under strict chain-of-custody procedures to an accredited laboratory and analyzed for BTEX, TPH and chloride.
- Upon receipt and review of confirmation soil sample laboratory analytical results, DBM will determine the appropriate measure of corrective actions that will include:
    i. Documenting the absence of residual impacted soil based on delineation and confirmation soil sampling at the Site with a subsequent Closure Request Report detailing assessment and sampling activities,

    - or -

    ii. Preparing a SCRP addendum detailing the next course of remedial actions to address the presence of soil impacts at the Site, based off an estimated lateral and vertical extent of impacted soil from any additional soil sampling activities.

DBM believes this SCRP will meet requirements set forth in NMAC 19.15.29.13 and be a balanced protection of human health, the environment and groundwater. As such, DBM respectfully requests approval of this SCRP from NMOCD.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (281) 702-2329 or joseph@etechenv.com or Abraham Valladares at (432) 967-9624 or abevalladares@etechenv.com.

Sincerely,

eTECH Environmental and Safety Solutions, Inc.

Abraham Valladares
Project Coordinator

Joseph S. Hernandez
Senior Managing Geologist

cc: Joe Weaver, Delaware Basin Midstream, LLC
New Mexico Oil Conservation Division
Bureau of Land Management

Appendices:

Appendix A: Figure 1: Site Map
Figure 1A: Site Characterization – Groundwater
Figure 1B: Site Characterization – Surface Receptors
Figure 1C: Site Characterization – Subsurface Receptors
Figure 2: Delineation Soil Sample Locations
Figure 3: Soil Sampling Variance Diagram

Appendix B: Referenced Well Records

Appendix C: Photographic Log

Appendix D: Tables

Appendix E: Laboratory Analytical Reports & Chain-of-Custody Documentation

APPENDIX A

Figures

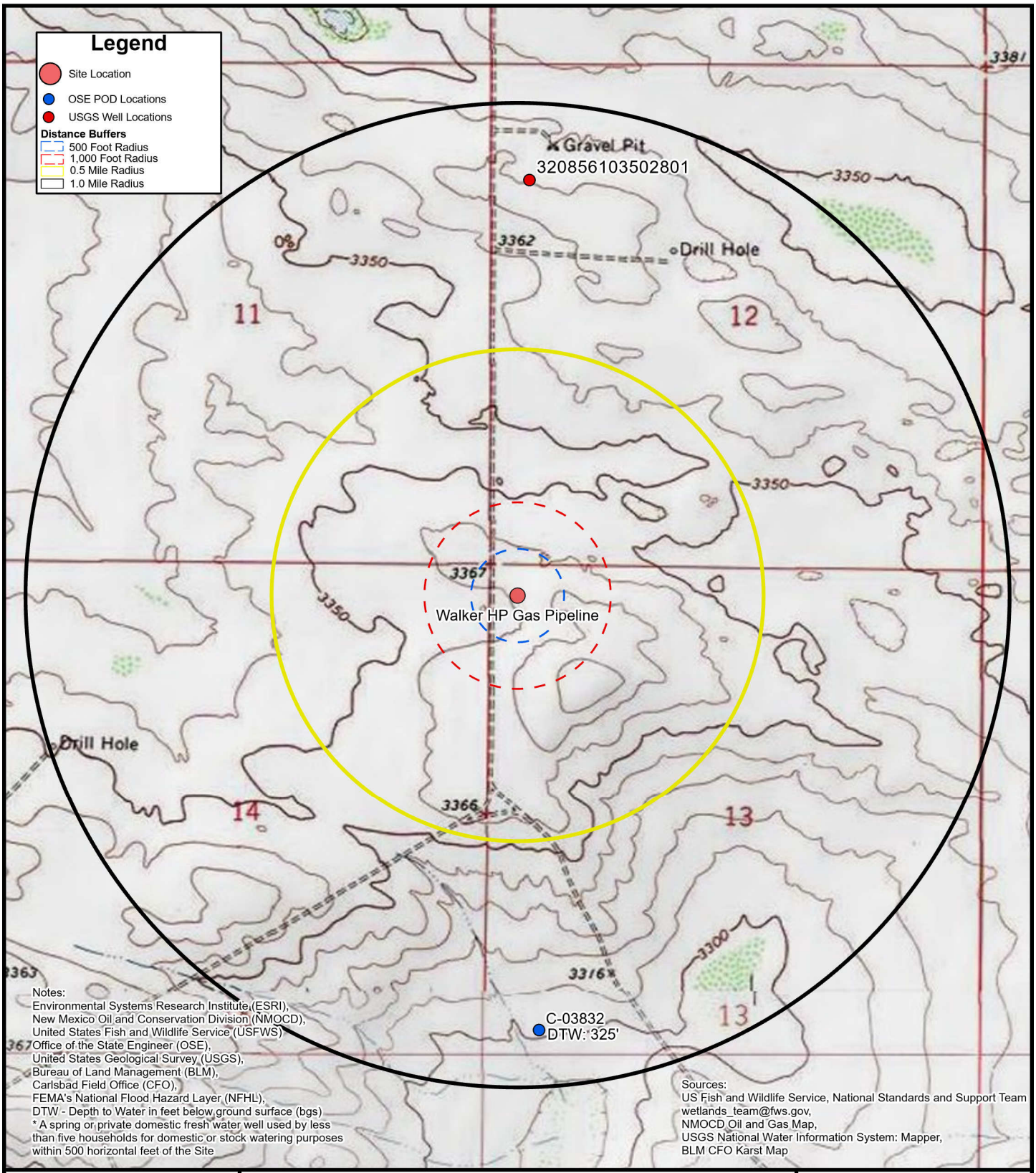
FIGURE 1

Site Location Map

Delaware Basin Midstream, LLC
Walker HP Gas Pipeline
Unit D Sec 13 T25S R30E
Eddy County, New Mexico

N

0 2,000 4,000 Feet



eTECH

FIGURE 1A

Site Characterization Map

Groundwater

Delaware Basin Midstream, LLC
Walker HP Gas Pipeline
Unit D Sec 13 T25S R30E
Eddy County, New Mexico

N

0 500 1,000 Feet

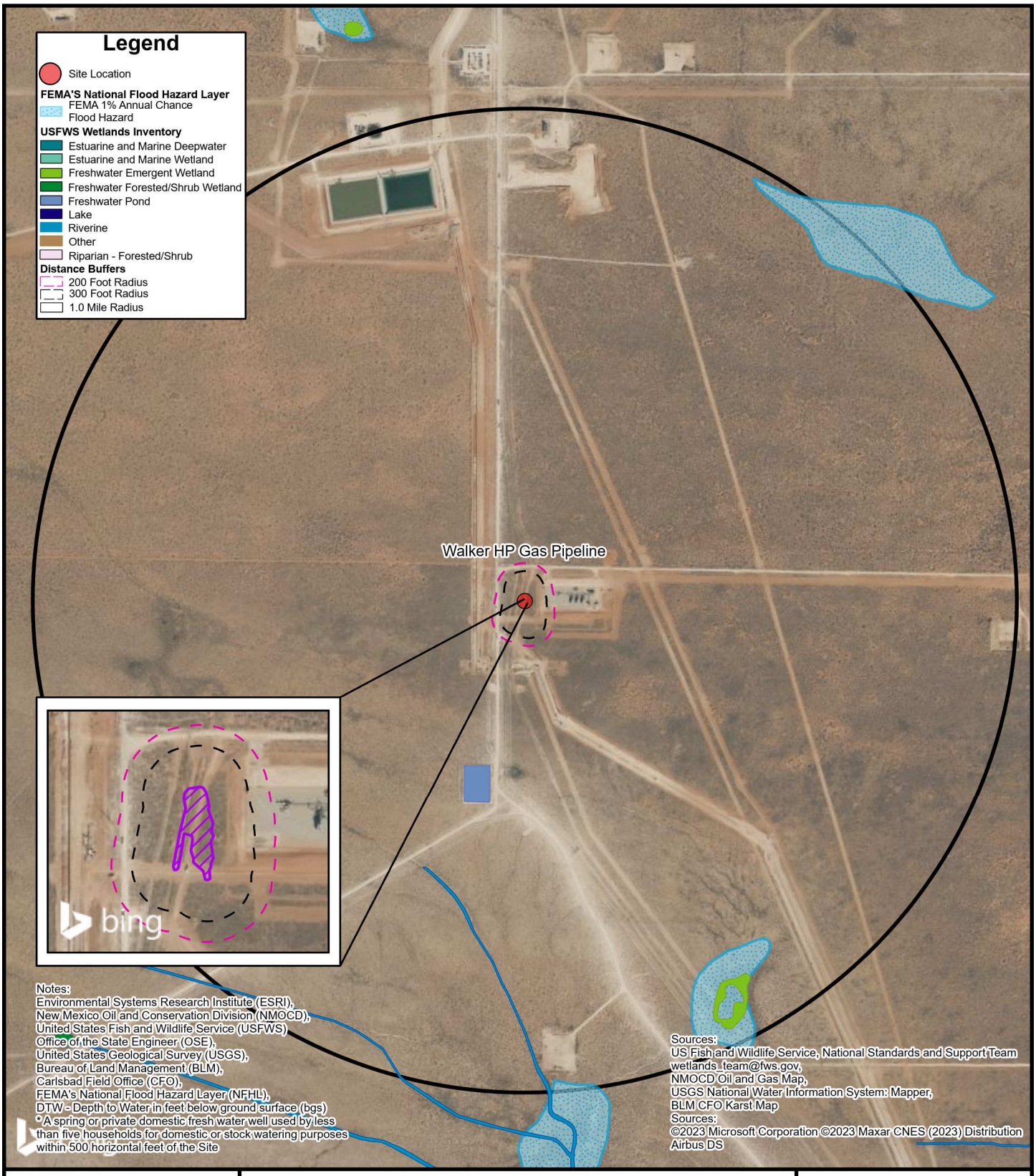


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FIGURE 1B

Site Characterization Map

Surficial Receptors

Delaware Basin Midstream, LLC
Walker HP Gas Pipeline
Unit D Sec 13 T25S R30E
Eddy County, New Mexico

N

0 500 1,000 Feet

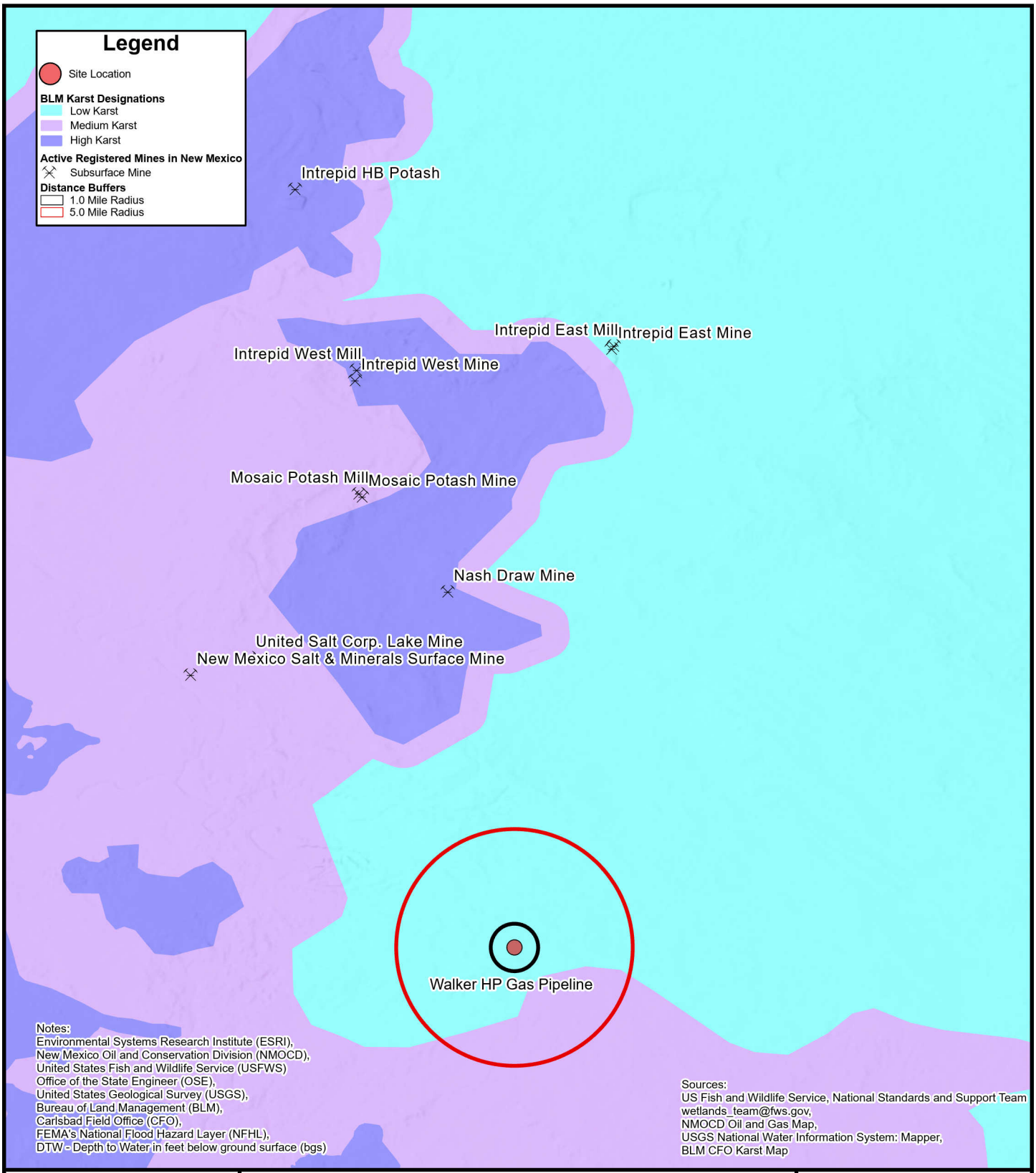

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FIGURE 1C

Site Characterization Map

Subsurface Receptors

Delaware Basin Midstream, LLC
Walker HP Gas Pipeline
Unit D Sec 13 T25S R30E
Eddy County, New Mexico

N

0 15,000 30,000 Feet

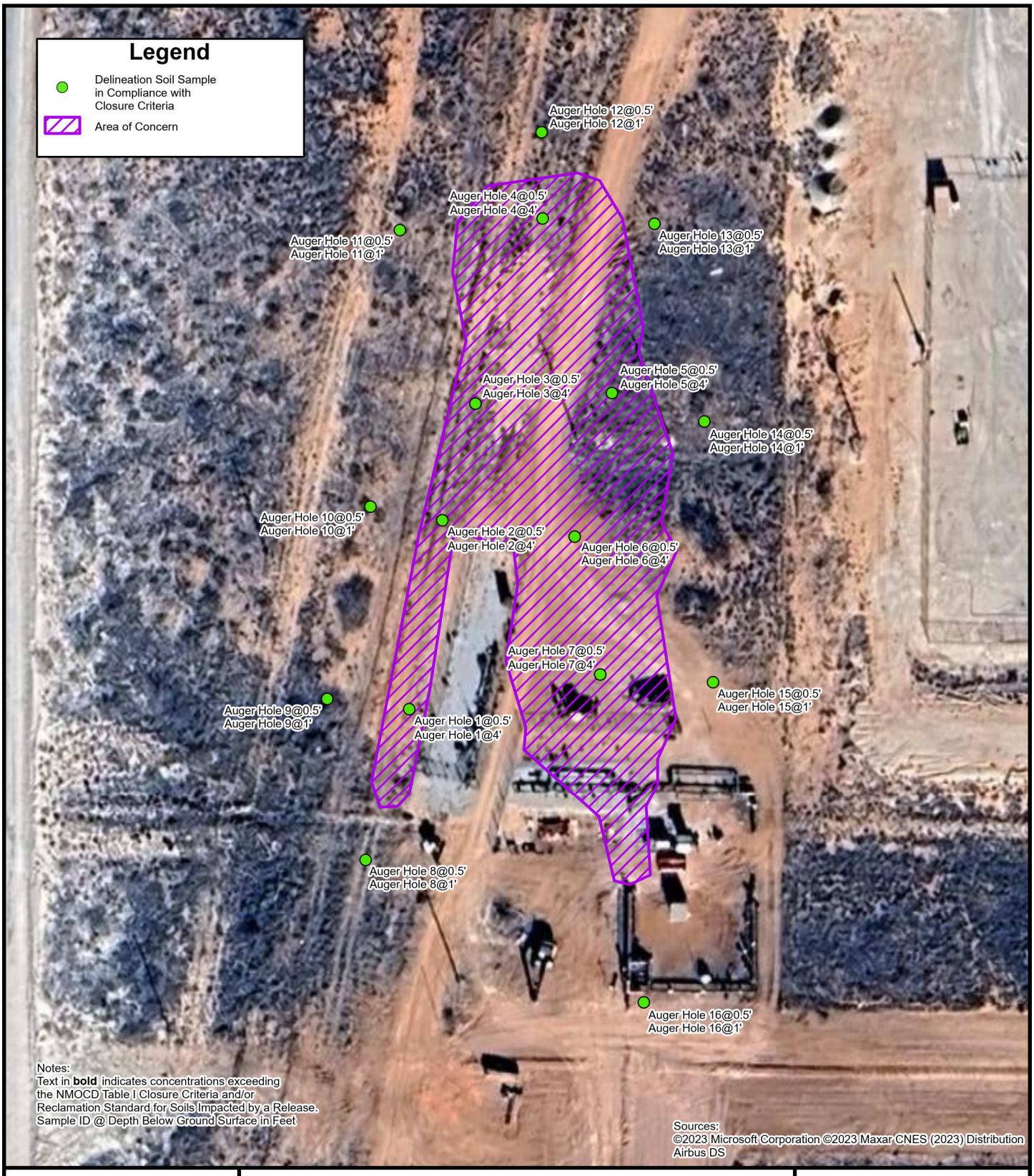

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FIGURE 2

Delineation Soil Sample Locations

Delaware Basin Midstream, LLC
Walker HP Gas Pipeline
Unit D Sec 13 T25S R30E
Eddy County, New Mexico

N

0 45 90 Feet

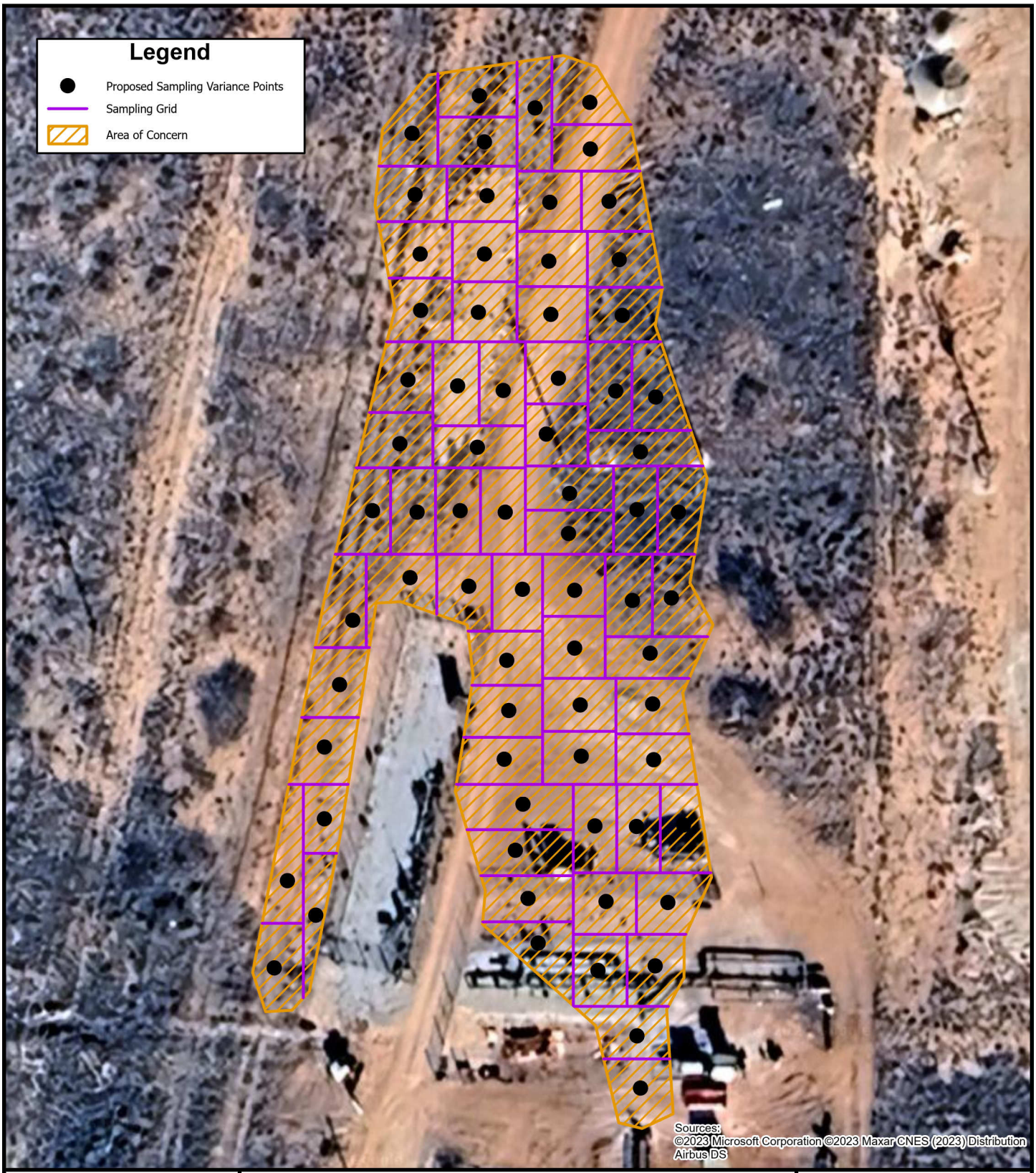


FIGURE 3

Soil Sampling Variance Diagram

Delaware Basin Midstream, LLC
Walker HP Gas Pipeline
Unit D Sec 13 T25S R30E
Eddy County, New Mexico

N

0 30 60 Feet

APPENDIX B

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER): POD-1 (Renumbered C-3832-POD1)	OSE FILE NUMBER(S): C 3781 (Exploratory) (Renumbered C-3832)
WELL OWNER NAME(S): BOPCO, L.P.	PHONE (OPTIONAL): (817) 390-8662
WELL OWNER MAILING ADDRESS: 201 N Main St Suite 2900	CITY: Fort Worth STATE: TX ZIP: 76102

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	07	26.2	N
LONGITUDE	103	50	28.5	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

SE1/4SW1/4SW1/4SW1/4 of Section 13, Township 25 South, Range 30 East, in the NW corner of a well pad.

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
331	Joel H. Stewart	SBQ Drilling, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
01-08-15	01-10-15	720	±720	

COMPLETED WELL IS: (•) ARTESIAN ( ) DRY HOLE ( ) SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 325

DRILLING FLUID: ( ) AIR (•) MUD ADDITIVES – SPECIFY:

DRILLING METHOD: (•) ROTARY ( ) HAMMER ( ) CABLE TOOL ( ) OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	340	14.75	ASTM A53B	Welded	8.625	0.322	---
340	720	14.75	304 Stainless Steel	Welded	8.625	0.25	1/16
0	19	19	ASTM A53B	---	16	0.25	---

2015 FEB 19 PM 2:3[illegible] STATE ENGINEER OFFICE

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	95	14.75	Sand Mix Ready Mix	68.21	grav. tremie meas.
95	190	14.75	Hydrated Bentonite Chips	68.21	grav. tremie meas.
190	210	14.75	Neat Cement Grout	14.36	tremie pipe
210	235	14.75	Hydrated Bentonite Chips	17.95	grav. tremie meas.
235	720	14.75	6/9 Silica Sand	348.24	tremie pipe

FOR OSE INTERNAL USE Renumbered from C-3781-POD1 WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER C-3832	POD NUMBER POD1	TRN NUMBER 555114
LOCATION 25.30.13.3334		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	50	50	Cemented Sand, light tan, sub-angular	○ Y ○ N	
50	120	70	Fine Sand, light tan, sub-angular to rounded	○ Y ○ N	
120	200	80	Fine sand, tan to orange, sub-angular to rounded	○ Y ○ N	
200	370	170	Fine sand, brownish orange, sub-angular to rounded	◉ Y ○ N	
370	390	20	Medium sand, light tan, sub-angular to rounded	◉ Y ○ N	
390	410	20	Medium sand, reddish brown, sub-angular to rounded	◉ Y ○ N	
410	440	30	Sandstone with shale, brownish orange, med-coarse sand	◉ Y ○ N	
440	460	20	Silty Clay with some sand and shale, brownish red	◉ Y ○ N	
460	470	10	Coarse Sand with some silty clay and shale, brownish red	◉ Y ○ N	
470	490	20	Silty Clay with some sand and shale, brownish red	◉ Y ○ N	
490	500	10	50% Silty Clay, 50% Fine Sand, reddish brown	◉ Y ○ N	
500	510	10	Fine Sand, tannish orange, sub-angular to rounded	◉ Y ○ N	
510	530	20	Clayey Sand, reddish brown, sub-angular	◉ Y ○ N	
530	660	130	Sandy Clay with some shale, reddish brown	◉ Y ○ N	
660	690	30	Clayey Fine Sand with shale, reddish brown	◉ Y ○ N	
690	700	10	Sandy Clay, dark red, 5% shale	◉ Y ○ N	
700	720	20	Clayey Fine Sand, reddish brown, 5% shale	◉ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ○ PUMP ○ AIR LIFT ○ BAILER ◉ OTHER – SPECIFY: TBD by pump test

TOTAL ESTIMATED WELL YIELD (gpm): TBD

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

Pump test will be performed at a later time.
Hydrated Bentonite Chips and Sand Mix Ready Mix were placed by gravity and tagged with tremie pipe.

STATE ENGINEER OFFICE ROSWELL, NEW MEXICO 2015 FEB 19 PM 2:37

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Silverio Galindo, Gabriel Armijo, Pedro Pizano

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Joel H. Stewart — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

2-13-15 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3832	POD NUMBER	POD1	TRN NUMBER	555114
LOCATION	25.30.13.3334				PAGE 2 OF 2

Locator Tool Report

General Information:

Application ID:27 Date: 05-28-2015 Time: 11:49:41

WR File Number: C-03781-POD1
Purpose: POINT OF DIVERSION

Applicant First Name: BOPCO EXPLORATORY WELL DRILLERS RECORD
Applicant Last Name: RENUMBERED C-3832-POD1

GW Basin: CARLSBAD
County: EDDY

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SE 1/4 of SW 1/4 of SW 1/4 of SW 1/4 of Section 13, Township 25S, Range 30E.

Coordinate System Details:

Geographic Coordinates:

Latitude:	32 Degrees	7 Minutes	26.2 Seconds	N
Longitude:	103 Degrees	50 Minutes	28.5 Seconds	W

Universal Transverse Mercator Zone: 13N

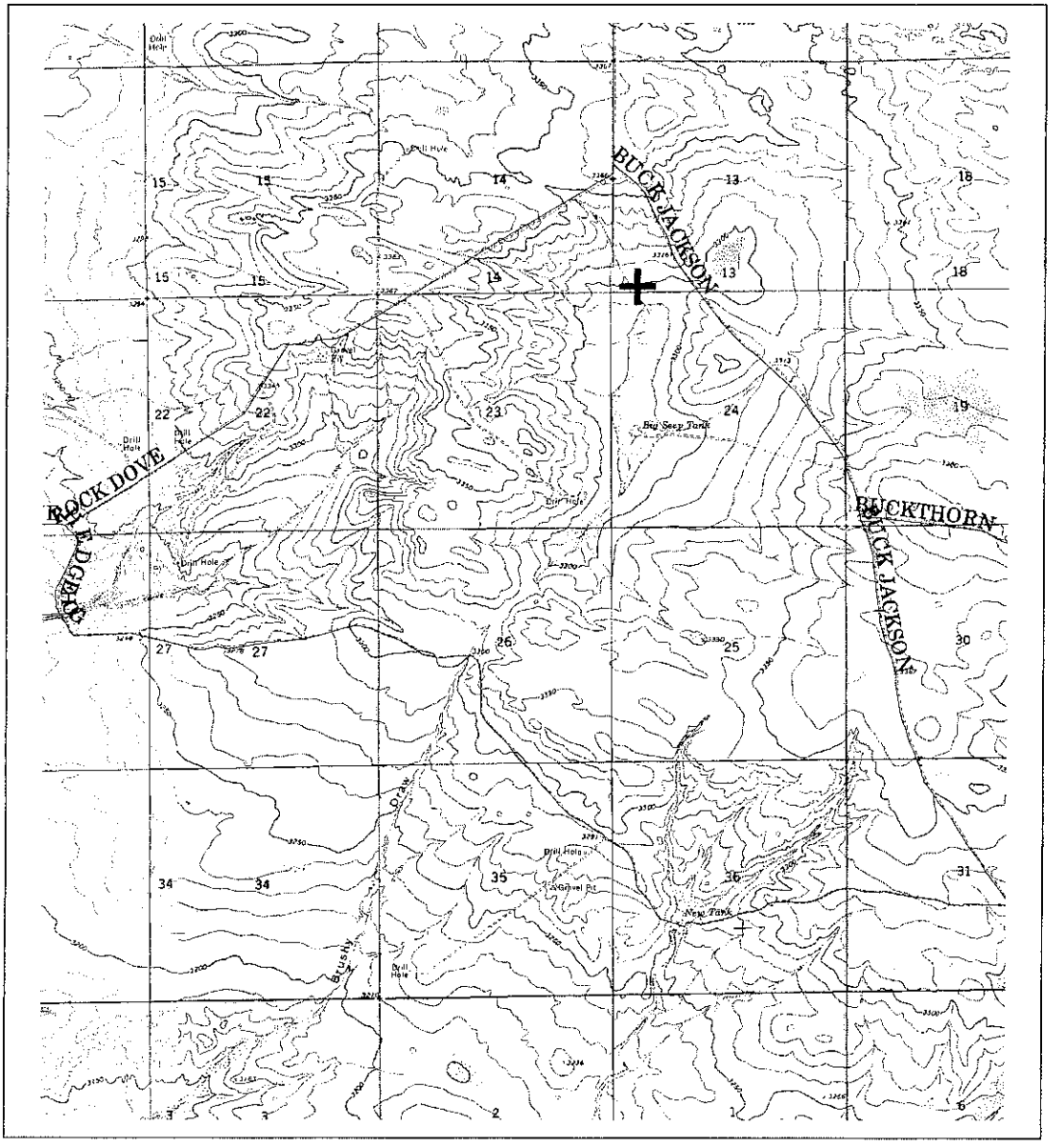
NAD 1983(92) (Meters)	N: 3,554,762	E: 609,306
NAD 1983(92) (Survey Feet)	N: 11,662,581	E: 1,999,031
NAD 1927 (Meters)	N: 3,554,561	E: 609,354
NAD 1927 (Survey Feet)	N: 11,661,921	E: 1,999,188

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 124,717	E: 211,432
NAD 1983(92) (Survey Feet)	N: 409,175	E: 693,673
NAD 1927 (Meters)	N: 124,699	E: 198,879
NAD 1927 (Survey Feet)	N: 409,117	E: 652,487

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: C-03781-POD1 Scale: 1:49,965

Northing/Easting: UTM83(92) (Meter): N: 3,554,762 E: 609,306

Northing/Easting: SPCS83(92) (Feet): N: 409,175 E: 693,673

GW Basin: Carlsbad

Print Date: 05/28/2015

APPENDIX C

Photographic Log

PHOTOGRAPHIC LOG
Delaware Basin Midstream, LLC
Walker HP Gas Line
NAPP2429241405

Photograph 1 **Date: 11/12/2024**
Description: Southwestern view of delineation activities.

Photograph 2 **Date: 11/12/2024**
Description: Western view of delineation activites.

Photograph 3 **Date: 11/12/2024**
Description: Northern view of delineation activities.

Photograph 4 **Date: 11/12/2024**
Description: Northwestern view of delineation activites.

APPENDIX D

Tables

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Delaware Basin Midstream, LLC
Walker HP Gas Line
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - Incident Number NAPP2429241405									
Auger Hole 1	11/12/2024	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	30.0
Auger Hole 1	11/12/2024	4	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	33.4
Auger Hole 2	11/12/2024	0.5	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	23.6
Auger Hole 2	11/12/2024	4	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	31.4
Auger Hole 3	11/12/2024	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	28.6
Auger Hole 3	11/12/2024	4	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	144
Auger Hole 4	11/12/2024	0.5	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	30.5
Auger Hole 4	11/12/2024	4	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<10.0
Auger Hole 5	11/12/2024	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<9.90
Auger Hole 5	11/12/2024	4	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	<9.90
Auger Hole 6	11/12/2024	0.5	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	23.8
Auger Hole 6	11/12/2024	4	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<9.96
Auger Hole 7	11/12/2024	0.5	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<9.92
Auger Hole 7	11/12/2024	4	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<10.1
Auger Hole 8	11/12/2024	0.5	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<10.0
Auger Hole 8	11/12/2024	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	25.0
Auger Hole 9	11/12/2024	0.5	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<10.1
Auger Hole 9	11/12/2024	1	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	23.1
Auger Hole 10	11/12/2024	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	24.1
Auger Hole 10	11/12/2024	1	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<9.98
Auger Hole 11	11/12/2024	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	34.7
Auger Hole 11	11/12/2024	1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	44.8
Auger Hole 12	11/12/2024	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<9.90
Auger Hole 12	11/12/2024	1	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<10.1
Auger Hole 13	11/12/2024	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	25.6
Auger Hole 13	11/12/2024	1	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<10.0

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Delaware Basin Midstream, LLC
Walker HP Gas Line
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**100**	**600**
Auger Hole 14	11/12/2024	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<10.0
Auger Hole 14	11/12/2024	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<10.0
Auger Hole 15	11/12/2024	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	22.1
Auger Hole 15	11/12/2024	1	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<9.90
Auger Hole 16	11/12/2024	0.5	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	10.6
Auger Hole 16	11/12/2024	1	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<9.96

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples
*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard† for Soils Impacted by a Release*
† The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Blake Estep
Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711
Generated 11/18/2024 2:09:04 PM

JOB DESCRIPTION

Walker HP Gasline Rel
21348

JOB NUMBER

880-51112-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

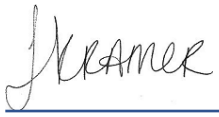
Eurofins Midland

Job Notes

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

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

Authorization



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11/18/2024 2:09:04 PM

Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

Table of Contents

Definitions/Glossary

Client: Etech Environmental & Safety Solutions Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel SDG: 21348

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low 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: Etech Environmental & Safety Solutions Job ID: 880-51112-1
Project: Walker HP Gasline Rel

Job ID: 880-51112-1 Eurofins Midland

Job Narrative
880-51112-1

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 11/14/2024 3:29 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 4.5°C.

GC VOA
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: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-95777/2-A) and (LCSD 880-95777/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-95777 and analytical batch 880-95805 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-95776 and analytical batch 880-95803 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-95776/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-95776 and analytical batch 880-95803 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.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: Augr Hole 1 (880-51112-1), Augr Hole 2 (880-51112-3), Augr Hole 2 (880-51112-4), Augr Hole 3 (880-51112-5), Augr Hole 4 (880-51112-7), Augr Hole 4 (880-51112-8), Augr Hole 5 (880-51112-9), Augr Hole 5 (880-51112-10), Augr Hole 6 (880-51112-11), Augr Hole 6 (880-51112-12), Augr Hole 7 (880-51112-13), Augr Hole 7 (880-51112-14), Augr Hole 8 (880-51112-15), Augr Hole 8 (880-51112-16), Augr Hole 9 (880-51112-17), Augr Hole 9 (880-51112-18), Augr Hole 10 (880-51112-19), (880-51112-A-1-F MS) and (880-51112-A-1-G MSD). Evidence of matrix interferences is not obvious.

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: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 1
Lab Sample ID: 880-51112-1
Date Collected: 11/12/24 12:00
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*11/15/24 08:17*	*11/15/24 11:30*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:17*	*11/15/24 11:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/15/24 11:30	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			11/15/24 12:45	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		11/15/24 08:23	11/15/24 12:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		11/15/24 08:23	11/15/24 12:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/15/24 08:23*	*11/15/24 12:45*	*1*
o-Terphenyl	*69*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 12:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.0**		9.96		mg/Kg			11/15/24 16:41	1

Client Sample ID: Augr Hole 1
Lab Sample ID: 880-51112-2
Date Collected: 11/12/24 12:05
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 11:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 11:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 11:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 11:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 11:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/15/24 08:17*	*11/15/24 11:50*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 1

Lab Sample ID: 880-51112-2
Matrix: Solid
Date Collected: 11/12/24 12:05
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/15/24 08:17*	*11/15/24 11:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/15/24 11:50	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			11/15/24 13:34	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	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 13:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*11/15/24 08:23*	*11/15/24 13:34*	*1*
o-Terphenyl	*70*		*70 - 130*	*11/15/24 08:23*	*11/15/24 13:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.4**		10.0		mg/Kg			11/15/24 16:48	1

Client Sample ID: Augr Hole 2

Lab Sample ID: 880-51112-3
Matrix: Solid
Date Collected: 11/12/24 12:10
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 12:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 12:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 12:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 12:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 12:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/15/24 08:17*	*11/15/24 12:10*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:17*	*11/15/24 12:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 12:10	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			11/15/24 13:50	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 2
Lab Sample ID: 880-51112-3
Date Collected: 11/12/24 12:10
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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		11/15/24 08:23	11/15/24 13:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 13:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*11/15/24 08:23*	*11/15/24 13:50*	*1*
o-Terphenyl	*67*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 13:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.6**		9.90		mg/Kg			11/15/24 16:55	1

Client Sample ID: Augr Hole 2
Lab Sample ID: 880-51112-4
Date Collected: 11/12/24 12:15
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:17	11/15/24 12:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:17	11/15/24 12:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:17	11/15/24 12:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/15/24 08:17	11/15/24 12:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:17	11/15/24 12:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/15/24 08:17	11/15/24 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/15/24 08:17*	*11/15/24 12:31*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:17*	*11/15/24 12:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/15/24 12:31	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			11/15/24 14:06	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		11/15/24 08:23	11/15/24 14:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 14:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*11/15/24 08:23*	*11/15/24 14:06*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 14:06*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 2

Lab Sample ID: 880-51112-4
Matrix: Solid
Date Collected: 11/12/24 12:15
Date Received: 11/14/24 15:29
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.4		10.1		mg/Kg			11/15/24 17:01	1

Client Sample ID: Augr Hole 3

Lab Sample ID: 880-51112-5
Matrix: Solid
Date Collected: 11/12/24 12:20
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 12:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 12:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 12:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 12:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 12:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/15/24 08:17*	*11/15/24 12:51*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/15/24 08:17*	*11/15/24 12:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/15/24 12:51	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			11/15/24 14:23	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		11/15/24 08:23	11/15/24 14:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 14:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*11/15/24 08:23*	*11/15/24 14:23*	*1*
o-Terphenyl	*61*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 14:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.6		10.1		mg/Kg			11/15/24 17:08	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 3
Lab Sample ID: 880-51112-6

Date Collected: 11/12/24 12:25
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 13:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 13:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 13:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 13:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 13:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/15/24 08:17*	*11/15/24 13:12*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/15/24 08:17*	*11/15/24 13:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/15/24 13:12	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			11/15/24 14:39	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		11/15/24 08:23	11/15/24 14:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 14:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*11/15/24 08:23*	*11/15/24 14:39*	*1*
o-Terphenyl	*74*		*70 - 130*	*11/15/24 08:23*	*11/15/24 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**144**		10.0		mg/Kg			11/15/24 17:28	1

Client Sample ID: Augr Hole 4
Lab Sample ID: 880-51112-7

Date Collected: 11/12/24 12:30
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 13:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/15/24 08:17*	*11/15/24 13:32*	*1*

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Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 4
Lab Sample ID: 880-51112-7
Date Collected: 11/12/24 12:30
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/15/24 08:17*	*11/15/24 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 13:32	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			11/15/24 14:55	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	<49.7	U	49.7		mg/Kg		11/15/24 08:23	11/15/24 14:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/15/24 08:23	11/15/24 14:55	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/15/24 08:23	11/15/24 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/15/24 08:23*	*11/15/24 14:55*	*1*
o-Terphenyl	*57*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 14:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.5**		10.0		mg/Kg			11/15/24 17:35	1

Client Sample ID: Augr Hole 4
Lab Sample ID: 880-51112-8
Date Collected: 11/12/24 12:35
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 13:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 13:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/15/24 08:17*	*11/15/24 13:53*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:17*	*11/15/24 13:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 13:53	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			11/15/24 15:12	1

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Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 4
Lab Sample ID: 880-51112-8
Date Collected: 11/12/24 12:35
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 4'

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		11/15/24 08:23	11/15/24 15:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 15:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*11/15/24 08:23*	*11/15/24 15:12*	*1*
o-Terphenyl	*68*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/15/24 17:55	1

Client Sample ID: Augr Hole 5
Lab Sample ID: 880-51112-9
Date Collected: 11/12/24 12:40
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 14:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 14:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 14:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 14:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 14:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/15/24 08:17*	*11/15/24 14:13*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:17*	*11/15/24 14:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/15/24 14:13	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			11/15/24 15:28	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		11/15/24 08:23	11/15/24 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 15:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*11/15/24 08:23*	*11/15/24 15:28*	*1*
o-Terphenyl	*58*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 15:28*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 5
Lab Sample ID: 880-51112-9
Date Collected: 11/12/24 12:40
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			11/15/24 18:01	1

Client Sample ID: Augr Hole 5
Lab Sample ID: 880-51112-10
Date Collected: 11/12/24 12:45
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 14:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 14:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 14:34	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/15/24 08:17	11/15/24 14:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 14:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/15/24 08:17	11/15/24 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*11/15/24 08:17*	*11/15/24 14:34*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:17*	*11/15/24 14:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/15/24 14:34	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			11/15/24 15:44	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	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 15:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 15:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/15/24 08:23*	*11/15/24 15:44*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 15:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			11/15/24 18:08	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 6

Lab Sample ID: 880-51112-11
Matrix: Solid

Date Collected: 11/12/24 12:50
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 16:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 16:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 16:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/15/24 08:17	11/15/24 16:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 16:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/15/24 08:17	11/15/24 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/15/24 08:17*	*11/15/24 16:08*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:17*	*11/15/24 16:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/15/24 16:08	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			11/15/24 16:16	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		11/15/24 08:23	11/15/24 16:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 16:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*11/15/24 08:23*	*11/15/24 16:16*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 16:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.8**		10.1		mg/Kg			11/15/24 18:15	1

Client Sample ID: Augr Hole 6

Lab Sample ID: 880-51112-12
Matrix: Solid

Date Collected: 11/12/24 12:55
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 16:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 16:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 16:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/15/24 08:17	11/15/24 16:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 16:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/15/24 08:17	11/15/24 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/15/24 08:17*	*11/15/24 16:28*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 6

Lab Sample ID: 880-51112-12
Matrix: Solid

Date Collected: 11/12/24 12:55
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:17*	*11/15/24 16:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/15/24 16:28	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			11/15/24 16:33	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		11/15/24 08:23	11/15/24 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 16:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*11/15/24 08:23*	*11/15/24 16:33*	*1*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 16:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			11/15/24 18:21	1

Client Sample ID: Augr Hole 7

Lab Sample ID: 880-51112-13
Matrix: Solid

Date Collected: 11/12/24 13:00
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 16:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 16:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 16:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 16:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 16:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/15/24 08:17*	*11/15/24 16:49*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:17*	*11/15/24 16:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 16:49	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			11/15/24 16:49	1

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Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 7

Lab Sample ID: 880-51112-13
Matrix: Solid
Date Collected: 11/12/24 13:00
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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		11/15/24 08:23	11/15/24 16:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 16:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/15/24 08:23*	*11/15/24 16:49*	*1*
o-Terphenyl	*64*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			11/15/24 18:28	1

Client Sample ID: Augr Hole 7

Lab Sample ID: 880-51112-14
Matrix: Solid
Date Collected: 11/12/24 13:05
Date Received: 11/14/24 15:29
Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/15/24 08:17	11/15/24 17:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/15/24 08:17	11/15/24 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/15/24 08:17*	*11/15/24 17:09*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:17*	*11/15/24 17:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/15/24 17:09	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			11/15/24 17:05	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		11/15/24 08:23	11/15/24 17:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 17:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*11/15/24 08:23*	*11/15/24 17:05*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 17:05*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 7
Lab Sample ID: 880-51112-14
Date Collected: 11/12/24 13:05
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/15/24 18:35	1

Client Sample ID: Augr Hole 8
Lab Sample ID: 880-51112-15
Date Collected: 11/12/24 13:10
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/15/24 08:17	11/15/24 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/15/24 08:17	11/15/24 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/15/24 08:17*	*11/15/24 17:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:17*	*11/15/24 17:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/15/24 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	<49.9	U	49.9		mg/Kg			11/15/24 17:21	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		11/15/24 08:23	11/15/24 17:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 17:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*11/15/24 08:23*	*11/15/24 17:21*	*1*
o-Terphenyl	*61*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 17:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/15/24 18:24	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 8

Lab Sample ID: 880-51112-16
Matrix: Solid
Date Collected: 11/12/24 13:15
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 17:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 17:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/15/24 08:17	11/15/24 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/15/24 08:17*	*11/15/24 17:50*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:17*	*11/15/24 17:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/15/24 17:50	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			11/15/24 17:38	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	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*11/15/24 08:23*	*11/15/24 17:38*	*1*
o-Terphenyl	*62*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 17:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.0**		10.0		mg/Kg			11/15/24 18:40	1

Client Sample ID: Augr Hole 9

Lab Sample ID: 880-51112-17
Matrix: Solid
Date Collected: 11/12/24 13:20
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 18:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 18:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 18:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 18:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:17	11/15/24 18:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:17	11/15/24 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*11/15/24 08:17*	*11/15/24 18:10*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 9

Lab Sample ID: 880-51112-17
Matrix: Solid
Date Collected: 11/12/24 13:20
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:17*	*11/15/24 18:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 18:10	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			11/15/24 17:54	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	<49.7	U	49.7		mg/Kg		11/15/24 08:23	11/15/24 17:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/15/24 08:23	11/15/24 17:54	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/15/24 08:23	11/15/24 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*11/15/24 08:23*	*11/15/24 17:54*	*1*
o-Terphenyl	*67*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/15/24 18:45	1

Client Sample ID: Augr Hole 9

Lab Sample ID: 880-51112-18
Matrix: Solid
Date Collected: 11/12/24 13:25
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 18:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/15/24 08:17*	*11/15/24 18:31*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:17*	*11/15/24 18:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/15/24 18:31	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			11/15/24 18:11	1

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Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 9

Lab Sample ID: 880-51112-18
Matrix: Solid
Date Collected: 11/12/24 13:25
Date Received: 11/14/24 15:29
Sample Depth: 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		11/15/24 08:23	11/15/24 18:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:23	11/15/24 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*11/15/24 08:23*	*11/15/24 18:11*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 18:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.1**		9.92		mg/Kg			11/15/24 18:51	1

Client Sample ID: Augr Hole 10

Lab Sample ID: 880-51112-19
Matrix: Solid
Date Collected: 11/12/24 13:30
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 18:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:17	11/15/24 18:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/15/24 08:17	11/15/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/15/24 08:17*	*11/15/24 18:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:17*	*11/15/24 18:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/15/24 18:51	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			11/15/24 18:27	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	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 18:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:23	11/15/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*11/15/24 08:23*	*11/15/24 18:27*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*11/15/24 08:23*	*11/15/24 18:27*	*1*

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Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 10
Lab Sample ID: 880-51112-19
Date Collected: 11/12/24 13:30
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.1		10.1		mg/Kg			11/15/24 18:56	1

Client Sample ID: Augr Hole 10
Lab Sample ID: 880-51112-20
Date Collected: 11/12/24 13:35
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 19:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 19:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 19:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/15/24 08:17	11/15/24 19:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:17	11/15/24 19:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/15/24 08:17	11/15/24 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*11/15/24 08:17*	*11/15/24 19:12*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:17*	*11/15/24 19:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/15/24 19:12	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			11/15/24 18:43	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	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 18:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 18:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:23	11/15/24 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*11/15/24 08:23*	*11/15/24 18:43*	*1*
o-Terphenyl	*73*		*70 - 130*	*11/15/24 08:23*	*11/15/24 18:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			11/15/24 19:12	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 11

Lab Sample ID: 880-51112-21
Matrix: Solid
Date Collected: 11/12/24 13:40
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/15/24 08:20	11/15/24 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/15/24 08:20	11/15/24 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/15/24 08:20*	*11/15/24 11:31*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:20*	*11/15/24 11:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/15/24 11:31	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			11/15/24 12:45	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		11/15/24 08:26	11/15/24 12:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 12:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*11/15/24 08:26*	*11/15/24 12:45*	*1*
o-Terphenyl	*86*		*70 - 130*	*11/15/24 08:26*	*11/15/24 12:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.7**		9.96		mg/Kg			11/15/24 19:17	1

Client Sample ID: Augr Hole 11

Lab Sample ID: 880-51112-22
Matrix: Solid
Date Collected: 11/12/24 13:45
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 11:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 11:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 11:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/15/24 08:20	11/15/24 11:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 11:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/15/24 08:20	11/15/24 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/15/24 08:20*	*11/15/24 11:52*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 11
Lab Sample ID: 880-51112-22
Date Collected: 11/12/24 13:45
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:20*	*11/15/24 11:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/15/24 11:52	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			11/15/24 13:50	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		11/15/24 08:26	11/15/24 13:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 13:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*11/15/24 08:26*	*11/15/24 13:50*	*1*
o-Terphenyl	*84*		*70 - 130*	*11/15/24 08:26*	*11/15/24 13:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.8**		10.0		mg/Kg			11/15/24 19:22	1

Client Sample ID: Augr Hole 12
Lab Sample ID: 880-51112-23
Date Collected: 11/12/24 13:50
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 12:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 12:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 12:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:20	11/15/24 12:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 12:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:20	11/15/24 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/15/24 08:20*	*11/15/24 12:12*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:20*	*11/15/24 12:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 12:12	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			11/15/24 14:06	1

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Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 12

Date Collected: 11/12/24 13:50
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

Lab Sample ID: 880-51112-23
Matrix: Solid

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		11/15/24 08:26	11/15/24 14:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 14:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:06*	*1*
o-Terphenyl	*81*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			11/15/24 19:28	1

Client Sample ID: Augr Hole 12

Date Collected: 11/12/24 13:55
Date Received: 11/14/24 15:29
Sample Depth: 1'

Lab Sample ID: 880-51112-24
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:20	11/15/24 12:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:20	11/15/24 12:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:20	11/15/24 12:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/15/24 08:20	11/15/24 12:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/15/24 08:20	11/15/24 12:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/15/24 08:20	11/15/24 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/15/24 08:20*	*11/15/24 12:33*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 12:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/15/24 12:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/15/24 14:23	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	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 14:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 14:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:23*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:23*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 12
Lab Sample ID: 880-51112-24
Date Collected: 11/12/24 13:55
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/15/24 19:33	1

Client Sample ID: Augr Hole 13
Lab Sample ID: 880-51112-25
Date Collected: 11/12/24 14:00
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 12:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 12:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 12:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/15/24 08:20	11/15/24 12:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 12:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/15/24 08:20	11/15/24 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*11/15/24 08:20*	*11/15/24 12:53*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 12:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/15/24 12:53	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			11/15/24 14:39	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		11/15/24 08:26	11/15/24 14:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 14:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:39*	*1*
o-Terphenyl	*86*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.6**		10.1		mg/Kg			11/15/24 19:38	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 13

Lab Sample ID: 880-51112-26
Matrix: Solid
Date Collected: 11/12/24 14:05
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 13:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 13:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 13:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/15/24 08:20	11/15/24 13:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/15/24 08:20	11/15/24 13:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/15/24 08:20	11/15/24 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/15/24 08:20*	*11/15/24 13:13*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 13:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/15/24 13:13	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			11/15/24 14:55	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	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 14:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 14:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:55*	*1*
o-Terphenyl	*91*		*70 - 130*	*11/15/24 08:26*	*11/15/24 14:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/15/24 19:54	1

Client Sample ID: Augr Hole 14

Lab Sample ID: 880-51112-27
Matrix: Solid
Date Collected: 11/12/24 14:10
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:20	11/15/24 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:20	11/15/24 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/15/24 08:20*	*11/15/24 13:34*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 14
Lab Sample ID: 880-51112-27
Date Collected: 11/12/24 14:10
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 13:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 13:34	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			11/15/24 15:12	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	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 15:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 15:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*11/15/24 08:26*	*11/15/24 15:12*	*1*
o-Terphenyl	*85*		*70 - 130*	*11/15/24 08:26*	*11/15/24 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/15/24 19:59	1

Client Sample ID: Augr Hole 14
Lab Sample ID: 880-51112-28
Date Collected: 11/12/24 14:15
Matrix: Solid
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/15/24 08:20	11/15/24 13:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/15/24 08:20	11/15/24 13:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/15/24 08:20	11/15/24 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/15/24 08:20*	*11/15/24 13:54*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 13:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/15/24 13:54	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			11/15/24 15:28	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 14

Lab Sample ID: 880-51112-28
Matrix: Solid
Date Collected: 11/12/24 14:15
Date Received: 11/14/24 15:29
Sample Depth: 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		11/15/24 08:26	11/15/24 15:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 15:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*11/15/24 08:26*	*11/15/24 15:28*	*1*
o-Terphenyl	*95*		*70 - 130*	*11/15/24 08:26*	*11/15/24 15:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/15/24 20:15	1

Client Sample ID: Augr Hole 15

Lab Sample ID: 880-51112-29
Matrix: Solid
Date Collected: 11/12/24 14:20
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 14:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 14:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/15/24 08:20	11/15/24 14:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 14:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/15/24 08:20	11/15/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/15/24 08:20*	*11/15/24 14:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 14:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/15/24 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/15/24 15:44	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		11/15/24 08:26	11/15/24 15:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 15:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*11/15/24 08:26*	*11/15/24 15:44*	*1*
o-Terphenyl	*83*		*70 - 130*	*11/15/24 08:26*	*11/15/24 15:44*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 15

Lab Sample ID: 880-51112-29
Matrix: Solid
Date Collected: 11/12/24 14:20
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.1		9.90		mg/Kg			11/15/24 20:20	1

Client Sample ID: Augr Hole 15

Lab Sample ID: 880-51112-30
Matrix: Solid
Date Collected: 11/12/24 14:25
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 14:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 14:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 14:35	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/15/24 08:20	11/15/24 14:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 14:35	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/15/24 08:20	11/15/24 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/15/24 08:20*	*11/15/24 14:35*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:20*	*11/15/24 14:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/15/24 14:35	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			11/15/24 16:16	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		11/15/24 08:26	11/15/24 16:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 16:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/24 08:26	11/15/24 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*11/15/24 08:26*	*11/15/24 16:16*	*1*
o-Terphenyl	*83*		*70 - 130*	*11/15/24 08:26*	*11/15/24 16:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			11/15/24 20:25	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 16

Lab Sample ID: 880-51112-31
Matrix: Solid

Date Collected: 11/12/24 14:30
Date Received: 11/14/24 15:29
Sample Depth: 0-5"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/15/24 08:20	11/15/24 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/15/24 08:20	11/15/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*11/15/24 08:20*	*11/15/24 16:50*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 16:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/15/24 16:50	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			11/15/24 16:33	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		11/15/24 08:26	11/15/24 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 16:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*11/15/24 08:26*	*11/15/24 16:33*	*1*
o-Terphenyl	*86*		*70 - 130*	*11/15/24 08:26*	*11/15/24 16:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		10.1		mg/Kg			11/15/24 20:31	1

Client Sample ID: Augr Hole 16

Lab Sample ID: 880-51112-32
Matrix: Solid

Date Collected: 11/12/24 14:35
Date Received: 11/14/24 15:29
Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 17:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 17:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 17:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/15/24 08:20	11/15/24 17:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/15/24 08:20	11/15/24 17:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/15/24 08:20	11/15/24 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/15/24 08:20*	*11/15/24 17:10*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 16

Date Collected: 11/12/24 14:35
Date Received: 11/14/24 15:29
Sample Depth: 1'

Lab Sample ID: 880-51112-32

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/15/24 08:20*	*11/15/24 17:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/15/24 17:10	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			11/15/24 16:49	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	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 16:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 16:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/24 08:26	11/15/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*11/15/24 08:26*	*11/15/24 16:49*	*1*
o-Terphenyl	*90*		*70 - 130*	*11/15/24 08:26*	*11/15/24 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			11/15/24 20:36	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-50704-A-29-A MB	Method Blank	105	101										
880-51112-1	Augr Hole 1	111	102										
880-51112-1 MS	Augr Hole 1	109	99										
880-51112-1 MSD	Augr Hole 1	109	99										
880-51112-2	Augr Hole 1	113	103										
880-51112-3	Augr Hole 2	113	102										
880-51112-4	Augr Hole 2	113	102										
880-51112-5	Augr Hole 3	114	103										
880-51112-6	Augr Hole 3	115	103										
880-51112-7	Augr Hole 4	114	103										
880-51112-8	Augr Hole 4	116	102										
880-51112-9	Augr Hole 5	116	102										
880-51112-10	Augr Hole 5	113	101										
880-51112-11	Augr Hole 6	116	100										
880-51112-12	Augr Hole 6	118	101										
880-51112-13	Augr Hole 7	120	101										
880-51112-14	Augr Hole 7	120	101										
880-51112-15	Augr Hole 8	118	100										
880-51112-16	Augr Hole 8	121	100										
880-51112-17	Augr Hole 9	119	101										
880-51112-18	Augr Hole 9	121	100										
880-51112-19	Augr Hole 10	121	100										
880-51112-20	Augr Hole 10	124	100										
880-51112-21	Augr Hole 11	103	102										
880-51112-21 MS	Augr Hole 11	98	99										
880-51112-21 MSD	Augr Hole 11	99	99										
880-51112-22	Augr Hole 11	104	102										
880-51112-23	Augr Hole 12	104	102										
880-51112-24	Augr Hole 12	105	101										
880-51112-25	Augr Hole 13	102	101										
880-51112-26	Augr Hole 13	105	101										
880-51112-27	Augr Hole 14	105	101										
880-51112-28	Augr Hole 14	103	101										
880-51112-29	Augr Hole 15	105	101										
880-51112-30	Augr Hole 15	106	100										
880-51112-31	Augr Hole 16	107	101										
880-51112-32	Augr Hole 16	105	100										
LCS 880-95769/1-A	Lab Control Sample	108	98										
LCS 880-95770/1-A	Lab Control Sample	100	100										
LCSD 880-95769/2-A	Lab Control Sample Dup	110	98										
LCSD 880-95770/2-A	Lab Control Sample Dup	100	99										
MB 880-95769/5-A	Method Blank	111	98										
MB 880-95770/5-A	Method Blank	101	98										

Surrogate Legend

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

Surrogate Summary

Client: Etech Environmental & Safety Solutions Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel SDG: 21348

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-51112-1	Augr Hole 1	89	69 S1-								
880-51112-1 MS	Augr Hole 1	75	65 S1-								
880-51112-1 MSD	Augr Hole 1	76	65 S1-								
880-51112-2	Augr Hole 1	94	70								
880-51112-3	Augr Hole 2	88	67 S1-								
880-51112-4	Augr Hole 2	82	63 S1-								
880-51112-5	Augr Hole 3	82	61 S1-								
880-51112-6	Augr Hole 3	101	74								
880-51112-7	Augr Hole 4	78	57 S1-								
880-51112-8	Augr Hole 4	91	68 S1-								
880-51112-9	Augr Hole 5	78	58 S1-								
880-51112-10	Augr Hole 5	86	63 S1-								
880-51112-11	Augr Hole 6	88	63 S1-								
880-51112-12	Augr Hole 6	87	65 S1-								
880-51112-13	Augr Hole 7	86	64 S1-								
880-51112-14	Augr Hole 7	84	63 S1-								
880-51112-15	Augr Hole 8	83	61 S1-								
880-51112-16	Augr Hole 8	85	62 S1-								
880-51112-17	Augr Hole 9	92	67 S1-								
880-51112-18	Augr Hole 9	86	63 S1-								
880-51112-19	Augr Hole 10	89	66 S1-								
880-51112-20	Augr Hole 10	98	73								
880-51112-21	Augr Hole 11	96	86								
880-51112-21 MS	Augr Hole 11	92	91								
880-51112-21 MSD	Augr Hole 11	91	90								
880-51112-22	Augr Hole 11	95	84								
880-51112-23	Augr Hole 12	91	81								
880-51112-24	Augr Hole 12	102	91								
880-51112-25	Augr Hole 13	98	86								
880-51112-26	Augr Hole 13	103	91								
880-51112-27	Augr Hole 14	95	85								
880-51112-28	Augr Hole 14	107	95								
880-51112-29	Augr Hole 15	95	83								
880-51112-30	Augr Hole 15	94	83								
880-51112-31	Augr Hole 16	96	86								
880-51112-32	Augr Hole 16	102	90								
LCS 880-95776/2-A	Lab Control Sample	121	111								
LCS 880-95777/2-A	Lab Control Sample	131 S1+	135 S1+								
LCSD 880-95776/3-A	Lab Control Sample Dup	135 S1+	122								
LCSD 880-95777/3-A	Lab Control Sample Dup	134 S1+	136 S1+								
MB 880-95776/1-A	Method Blank	132 S1+	110								
MB 880-95777/1-A	Method Blank	177 S1+	166 S1+								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-95769/5-A
Matrix: Solid
Analysis Batch: 95765

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/24 08:17	11/15/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:17	11/15/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/24 08:17	11/15/24 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*11/15/24 08:17*	*11/15/24 11:08*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/15/24 08:17*	*11/15/24 11:08*	*1*

Lab Sample ID: LCS 880-95769/1-A
Matrix: Solid
Analysis Batch: 95765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09952		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2021		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1032		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-95769/2-A
Matrix: Solid
Analysis Batch: 95765

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 95769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1012		mg/Kg		101	70 - 130	1	35
Toluene	0.100	0.09988		mg/Kg		100	70 - 130	0	35
Ethylbenzene	0.100	0.09976		mg/Kg		100	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2022		mg/Kg		101	70 - 130	0	35
o-Xylene	0.100	0.1037		mg/Kg		104	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-51112-1 MS
Matrix: Solid
Analysis Batch: 95765

Client Sample ID: Augr Hole 1
Prep Type: Total/NA
Prep Batch: 95769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1018		mg/Kg		102	70 - 130
Toluene	<0.00200	U	0.100	0.09943		mg/Kg		99	70 - 130

QC Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

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

Lab Sample ID: 880-51112-1 MS
Matrix: Solid
Analysis Batch: 95765

Client Sample ID: Augr Hole 1
Prep Type: Total/NA
Prep Batch: 95769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09744		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1975		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.1008		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-51112-1 MSD
Matrix: Solid
Analysis Batch: 95765

Client Sample ID: Augr Hole 1
Prep Type: Total/NA
Prep Batch: 95769

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09947		mg/Kg		99	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09779		mg/Kg		98	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1980		mg/Kg		99	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-50704-A-29-A MB
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/24 08:20	11/15/24 16:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 16:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/24 08:20	11/15/24 16:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/15/24 08:20*	*11/15/24 16:09*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 16:09*	*1*

Lab Sample ID: MB 880-95770/5-A
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/24 08:20	11/15/24 11:10	1

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

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

Lab Sample ID: MB 880-95770/5-A
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/24 08:20	11/15/24 11:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/24 08:20	11/15/24 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*11/15/24 08:20*	*11/15/24 11:10*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/15/24 08:20*	*11/15/24 11:10*	*1*

Lab Sample ID: LCS 880-95770/1-A
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1089		mg/Kg		109	70 - 130
Toluene	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2070		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130

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

Lab Sample ID: LCSD 880-95770/2-A
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 95770

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1062		mg/Kg		106	70 - 130	2	35
Toluene	0.100	0.09920		mg/Kg		99	70 - 130	2	35
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2048		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-51112-21 MS
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Augr Hole 11
Prep Type: Total/NA
Prep Batch: 95770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1089		mg/Kg		109	70 - 130
Toluene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2057		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.100	0.09917		mg/Kg		99	70 - 130

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

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

Lab Sample ID: 880-51112-21 MS
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Augr Hole 11
Prep Type: Total/NA
Prep Batch: 95770

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-51112-21 MSD
Matrix: Solid
Analysis Batch: 95763

Client Sample ID: Augr Hole 11
Prep Type: Total/NA
Prep Batch: 95770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1049		mg/Kg		105	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09773		mg/Kg		98	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09890		mg/Kg		99	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2006		mg/Kg		100	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.09767		mg/Kg		98	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

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

Lab Sample ID: MB 880-95776/1-A
Matrix: Solid
Analysis Batch: 95803

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95776

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		11/14/24 17:23	11/15/24 04:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/14/24 17:23	11/15/24 04:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/14/24 17:23	11/15/24 04:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*11/14/24 17:23*	*11/15/24 04:35*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/14/24 17:23*	*11/15/24 04:35*	*1*

Lab Sample ID: LCS 880-95776/2-A
Matrix: Solid
Analysis Batch: 95803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	961.5		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	880.4		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	*121*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

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

Lab Sample ID: LCSD 880-95776/3-A
Matrix: Solid
Analysis Batch: 95803

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 95776

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1079		mg/Kg		108	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	973.6		mg/Kg		97	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*135*	*S1+*	*70 - 130*
o-Terphenyl	*122*		*70 - 130*

Lab Sample ID: 880-51112-1 MS
Matrix: Solid
Analysis Batch: 95803

Client Sample ID: Augr Hole 1
Prep Type: Total/NA
Prep Batch: 95776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	728.9		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	649.2	F1	mg/Kg		64	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*75*		*70 - 130*
o-Terphenyl	*65*	*S1-*	*70 - 130*

Lab Sample ID: 880-51112-1 MSD
Matrix: Solid
Analysis Batch: 95803

Client Sample ID: Augr Hole 1
Prep Type: Total/NA
Prep Batch: 95776

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	735.1		mg/Kg		74	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	662.0	F1	mg/Kg		65	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*76*		*70 - 130*
o-Terphenyl	*65*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-95777/1-A
Matrix: Solid
Analysis Batch: 95805

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95777

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		11/15/24 08:26	11/15/24 04:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 04:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/24 08:26	11/15/24 04:35	1

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

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

Lab Sample ID: MB 880-95777/1-A
Matrix: Solid
Analysis Batch: 95805

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95777

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	177	S1+	70 - 130	11/15/24 08:26	11/15/24 04:35	1
o-Terphenyl	166	S1+	70 - 130	11/15/24 08:26	11/15/24 04:35	1

Lab Sample ID: LCS 880-95777/2-A
Matrix: Solid
Analysis Batch: 95805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95777

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	980.7		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	942.4		mg/Kg		94	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	135	S1+	70 - 130

Lab Sample ID: LCSD 880-95777/3-A
Matrix: Solid
Analysis Batch: 95805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 95777

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	4	20
Diesel Range Organics (Over C10-C28)			1000	975.8		mg/Kg		98	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: 880-51112-21 MS
Matrix: Solid
Analysis Batch: 95805

Client Sample ID: Augr Hole 11
Prep Type: Total/NA
Prep Batch: 95777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	838.3		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	825.2		mg/Kg		83	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	91		70 - 130

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

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

Lab Sample ID: 880-51112-21 MSD — **Client Sample ID: Augr Hole 11**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 95805 — **Prep Batch: 95777**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	821.7		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	828.4		mg/Kg		83	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-95758/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 95798

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/15/24 15:14	1

Lab Sample ID: LCS 880-95758/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 95798

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.9		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-95758/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 95798

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	267.7		mg/Kg		107	90 - 110	3	20

Lab Sample ID: 880-51112-5 MS — **Client Sample ID: Augr Hole 3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 95798

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	28.6		252	293.1		mg/Kg		105	90 - 110

Lab Sample ID: 880-51112-5 MSD — **Client Sample ID: Augr Hole 3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 95798

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	28.6		252	275.2		mg/Kg		98	90 - 110	6	20

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-95761/1-A
Matrix: Solid
Analysis Batch: 95801

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			11/15/24 18:08	1

Lab Sample ID: LCS 880-95761/2-A
Matrix: Solid
Analysis Batch: 95801

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	263.7		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-95761/3-A
Matrix: Solid
Analysis Batch: 95801

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	256.0		mg/Kg		102	90 - 110	3	20

Lab Sample ID: 880-51112-15 MS
Matrix: Solid
Analysis Batch: 95801

Client Sample ID: Augr Hole 8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.0	U	251	271.5		mg/Kg		107	90 - 110		

Lab Sample ID: 880-51112-15 MSD
Matrix: Solid
Analysis Batch: 95801

Client Sample ID: Augr Hole 8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	263.8		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-51112-25 MS
Matrix: Solid
Analysis Batch: 95801

Client Sample ID: Augr Hole 13
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	25.6		252	291.5		mg/Kg		106	90 - 110		

Lab Sample ID: 880-51112-25 MSD
Matrix: Solid
Analysis Batch: 95801

Client Sample ID: Augr Hole 13
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.6		252	283.0		mg/Kg		102	90 - 110	3	20

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

GC VOA

Analysis Batch: 95763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-21	Augr Hole 11	Total/NA	Solid	8021B	95770
880-51112-22	Augr Hole 11	Total/NA	Solid	8021B	95770
880-51112-23	Augr Hole 12	Total/NA	Solid	8021B	95770
880-51112-24	Augr Hole 12	Total/NA	Solid	8021B	95770
880-51112-25	Augr Hole 13	Total/NA	Solid	8021B	95770
880-51112-26	Augr Hole 13	Total/NA	Solid	8021B	95770
880-51112-27	Augr Hole 14	Total/NA	Solid	8021B	95770
880-51112-28	Augr Hole 14	Total/NA	Solid	8021B	95770
880-51112-29	Augr Hole 15	Total/NA	Solid	8021B	95770
880-51112-30	Augr Hole 15	Total/NA	Solid	8021B	95770
880-51112-31	Augr Hole 16	Total/NA	Solid	8021B	95770
880-51112-32	Augr Hole 16	Total/NA	Solid	8021B	95770
880-50704-A-29-A MB	Method Blank	Total/NA	Solid	8021B	95770
MB 880-95770/5-A	Method Blank	Total/NA	Solid	8021B	95770
LCS 880-95770/1-A	Lab Control Sample	Total/NA	Solid	8021B	95770
LCSD 880-95770/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	95770
880-51112-21 MS	Augr Hole 11	Total/NA	Solid	8021B	95770
880-51112-21 MSD	Augr Hole 11	Total/NA	Solid	8021B	95770

Analysis Batch: 95765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Total/NA	Solid	8021B	95769
880-51112-2	Augr Hole 1	Total/NA	Solid	8021B	95769
880-51112-3	Augr Hole 2	Total/NA	Solid	8021B	95769
880-51112-4	Augr Hole 2	Total/NA	Solid	8021B	95769
880-51112-5	Augr Hole 3	Total/NA	Solid	8021B	95769
880-51112-6	Augr Hole 3	Total/NA	Solid	8021B	95769
880-51112-7	Augr Hole 4	Total/NA	Solid	8021B	95769
880-51112-8	Augr Hole 4	Total/NA	Solid	8021B	95769
880-51112-9	Augr Hole 5	Total/NA	Solid	8021B	95769
880-51112-10	Augr Hole 5	Total/NA	Solid	8021B	95769
880-51112-11	Augr Hole 6	Total/NA	Solid	8021B	95769
880-51112-12	Augr Hole 6	Total/NA	Solid	8021B	95769
880-51112-13	Augr Hole 7	Total/NA	Solid	8021B	95769
880-51112-14	Augr Hole 7	Total/NA	Solid	8021B	95769
880-51112-15	Augr Hole 8	Total/NA	Solid	8021B	95769
880-51112-16	Augr Hole 8	Total/NA	Solid	8021B	95769
880-51112-17	Augr Hole 9	Total/NA	Solid	8021B	95769
880-51112-18	Augr Hole 9	Total/NA	Solid	8021B	95769
880-51112-19	Augr Hole 10	Total/NA	Solid	8021B	95769
880-51112-20	Augr Hole 10	Total/NA	Solid	8021B	95769
MB 880-95769/5-A	Method Blank	Total/NA	Solid	8021B	95769
LCS 880-95769/1-A	Lab Control Sample	Total/NA	Solid	8021B	95769
LCSD 880-95769/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	95769
880-51112-1 MS	Augr Hole 1	Total/NA	Solid	8021B	95769
880-51112-1 MSD	Augr Hole 1	Total/NA	Solid	8021B	95769

Prep Batch: 95769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Total/NA	Solid	5035	
880-51112-2	Augr Hole 1	Total/NA	Solid	5035	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

GC VOA (Continued)

Prep Batch: 95769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-3	Augr Hole 2	Total/NA	Solid	5035	
880-51112-4	Augr Hole 2	Total/NA	Solid	5035	
880-51112-5	Augr Hole 3	Total/NA	Solid	5035	
880-51112-6	Augr Hole 3	Total/NA	Solid	5035	
880-51112-7	Augr Hole 4	Total/NA	Solid	5035	
880-51112-8	Augr Hole 4	Total/NA	Solid	5035	
880-51112-9	Augr Hole 5	Total/NA	Solid	5035	
880-51112-10	Augr Hole 5	Total/NA	Solid	5035	
880-51112-11	Augr Hole 6	Total/NA	Solid	5035	
880-51112-12	Augr Hole 6	Total/NA	Solid	5035	
880-51112-13	Augr Hole 7	Total/NA	Solid	5035	
880-51112-14	Augr Hole 7	Total/NA	Solid	5035	
880-51112-15	Augr Hole 8	Total/NA	Solid	5035	
880-51112-16	Augr Hole 8	Total/NA	Solid	5035	
880-51112-17	Augr Hole 9	Total/NA	Solid	5035	
880-51112-18	Augr Hole 9	Total/NA	Solid	5035	
880-51112-19	Augr Hole 10	Total/NA	Solid	5035	
880-51112-20	Augr Hole 10	Total/NA	Solid	5035	
MB 880-95769/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-95769/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-95769/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51112-1 MS	Augr Hole 1	Total/NA	Solid	5035	
880-51112-1 MSD	Augr Hole 1	Total/NA	Solid	5035	

Prep Batch: 95770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-21	Augr Hole 11	Total/NA	Solid	5035	
880-51112-22	Augr Hole 11	Total/NA	Solid	5035	
880-51112-23	Augr Hole 12	Total/NA	Solid	5035	
880-51112-24	Augr Hole 12	Total/NA	Solid	5035	
880-51112-25	Augr Hole 13	Total/NA	Solid	5035	
880-51112-26	Augr Hole 13	Total/NA	Solid	5035	
880-51112-27	Augr Hole 14	Total/NA	Solid	5035	
880-51112-28	Augr Hole 14	Total/NA	Solid	5035	
880-51112-29	Augr Hole 15	Total/NA	Solid	5035	
880-51112-30	Augr Hole 15	Total/NA	Solid	5035	
880-51112-31	Augr Hole 16	Total/NA	Solid	5035	
880-51112-32	Augr Hole 16	Total/NA	Solid	5035	
880-50704-A-29-A MB	Method Blank	Total/NA	Solid	5035	
MB 880-95770/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-95770/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-95770/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-51112-21 MS	Augr Hole 11	Total/NA	Solid	5035	
880-51112-21 MSD	Augr Hole 11	Total/NA	Solid	5035	

Analysis Batch: 95941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Total/NA	Solid	Total BTEX	
880-51112-2	Augr Hole 1	Total/NA	Solid	Total BTEX	
880-51112-3	Augr Hole 2	Total/NA	Solid	Total BTEX	
880-51112-4	Augr Hole 2	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

GC VOA (Continued)

Analysis Batch: 95941 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-5	Augr Hole 3	Total/NA	Solid	Total BTEX	
880-51112-6	Augr Hole 3	Total/NA	Solid	Total BTEX	
880-51112-7	Augr Hole 4	Total/NA	Solid	Total BTEX	
880-51112-8	Augr Hole 4	Total/NA	Solid	Total BTEX	
880-51112-9	Augr Hole 5	Total/NA	Solid	Total BTEX	
880-51112-10	Augr Hole 5	Total/NA	Solid	Total BTEX	
880-51112-11	Augr Hole 6	Total/NA	Solid	Total BTEX	
880-51112-12	Augr Hole 6	Total/NA	Solid	Total BTEX	
880-51112-13	Augr Hole 7	Total/NA	Solid	Total BTEX	
880-51112-14	Augr Hole 7	Total/NA	Solid	Total BTEX	
880-51112-15	Augr Hole 8	Total/NA	Solid	Total BTEX	
880-51112-16	Augr Hole 8	Total/NA	Solid	Total BTEX	
880-51112-17	Augr Hole 9	Total/NA	Solid	Total BTEX	
880-51112-18	Augr Hole 9	Total/NA	Solid	Total BTEX	
880-51112-19	Augr Hole 10	Total/NA	Solid	Total BTEX	
880-51112-20	Augr Hole 10	Total/NA	Solid	Total BTEX	
880-51112-21	Augr Hole 11	Total/NA	Solid	Total BTEX	
880-51112-22	Augr Hole 11	Total/NA	Solid	Total BTEX	
880-51112-23	Augr Hole 12	Total/NA	Solid	Total BTEX	
880-51112-24	Augr Hole 12	Total/NA	Solid	Total BTEX	
880-51112-25	Augr Hole 13	Total/NA	Solid	Total BTEX	
880-51112-26	Augr Hole 13	Total/NA	Solid	Total BTEX	
880-51112-27	Augr Hole 14	Total/NA	Solid	Total BTEX	
880-51112-28	Augr Hole 14	Total/NA	Solid	Total BTEX	
880-51112-29	Augr Hole 15	Total/NA	Solid	Total BTEX	
880-51112-30	Augr Hole 15	Total/NA	Solid	Total BTEX	
880-51112-31	Augr Hole 16	Total/NA	Solid	Total BTEX	
880-51112-32	Augr Hole 16	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 95776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Total/NA	Solid	8015NM Prep	
880-51112-2	Augr Hole 1	Total/NA	Solid	8015NM Prep	
880-51112-3	Augr Hole 2	Total/NA	Solid	8015NM Prep	
880-51112-4	Augr Hole 2	Total/NA	Solid	8015NM Prep	
880-51112-5	Augr Hole 3	Total/NA	Solid	8015NM Prep	
880-51112-6	Augr Hole 3	Total/NA	Solid	8015NM Prep	
880-51112-7	Augr Hole 4	Total/NA	Solid	8015NM Prep	
880-51112-8	Augr Hole 4	Total/NA	Solid	8015NM Prep	
880-51112-9	Augr Hole 5	Total/NA	Solid	8015NM Prep	
880-51112-10	Augr Hole 5	Total/NA	Solid	8015NM Prep	
880-51112-11	Augr Hole 6	Total/NA	Solid	8015NM Prep	
880-51112-12	Augr Hole 6	Total/NA	Solid	8015NM Prep	
880-51112-13	Augr Hole 7	Total/NA	Solid	8015NM Prep	
880-51112-14	Augr Hole 7	Total/NA	Solid	8015NM Prep	
880-51112-15	Augr Hole 8	Total/NA	Solid	8015NM Prep	
880-51112-16	Augr Hole 8	Total/NA	Solid	8015NM Prep	
880-51112-17	Augr Hole 9	Total/NA	Solid	8015NM Prep	
880-51112-18	Augr Hole 9	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

GC Semi VOA (Continued)

Prep Batch: 95776 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-19	Augr Hole 10	Total/NA	Solid	8015NM Prep	
880-51112-20	Augr Hole 10	Total/NA	Solid	8015NM Prep	
MB 880-95776/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-95776/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-95776/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-51112-1 MS	Augr Hole 1	Total/NA	Solid	8015NM Prep	
880-51112-1 MSD	Augr Hole 1	Total/NA	Solid	8015NM Prep	

Prep Batch: 95777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-21	Augr Hole 11	Total/NA	Solid	8015NM Prep	
880-51112-22	Augr Hole 11	Total/NA	Solid	8015NM Prep	
880-51112-23	Augr Hole 12	Total/NA	Solid	8015NM Prep	
880-51112-24	Augr Hole 12	Total/NA	Solid	8015NM Prep	
880-51112-25	Augr Hole 13	Total/NA	Solid	8015NM Prep	
880-51112-26	Augr Hole 13	Total/NA	Solid	8015NM Prep	
880-51112-27	Augr Hole 14	Total/NA	Solid	8015NM Prep	
880-51112-28	Augr Hole 14	Total/NA	Solid	8015NM Prep	
880-51112-29	Augr Hole 15	Total/NA	Solid	8015NM Prep	
880-51112-30	Augr Hole 15	Total/NA	Solid	8015NM Prep	
880-51112-31	Augr Hole 16	Total/NA	Solid	8015NM Prep	
880-51112-32	Augr Hole 16	Total/NA	Solid	8015NM Prep	
MB 880-95777/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-95777/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-95777/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-51112-21 MS	Augr Hole 11	Total/NA	Solid	8015NM Prep	
880-51112-21 MSD	Augr Hole 11	Total/NA	Solid	8015NM Prep	

Analysis Batch: 95803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Total/NA	Solid	8015B NM	95776
880-51112-2	Augr Hole 1	Total/NA	Solid	8015B NM	95776
880-51112-3	Augr Hole 2	Total/NA	Solid	8015B NM	95776
880-51112-4	Augr Hole 2	Total/NA	Solid	8015B NM	95776
880-51112-5	Augr Hole 3	Total/NA	Solid	8015B NM	95776
880-51112-6	Augr Hole 3	Total/NA	Solid	8015B NM	95776
880-51112-7	Augr Hole 4	Total/NA	Solid	8015B NM	95776
880-51112-8	Augr Hole 4	Total/NA	Solid	8015B NM	95776
880-51112-9	Augr Hole 5	Total/NA	Solid	8015B NM	95776
880-51112-10	Augr Hole 5	Total/NA	Solid	8015B NM	95776
880-51112-11	Augr Hole 6	Total/NA	Solid	8015B NM	95776
880-51112-12	Augr Hole 6	Total/NA	Solid	8015B NM	95776
880-51112-13	Augr Hole 7	Total/NA	Solid	8015B NM	95776
880-51112-14	Augr Hole 7	Total/NA	Solid	8015B NM	95776
880-51112-15	Augr Hole 8	Total/NA	Solid	8015B NM	95776
880-51112-16	Augr Hole 8	Total/NA	Solid	8015B NM	95776
880-51112-17	Augr Hole 9	Total/NA	Solid	8015B NM	95776
880-51112-18	Augr Hole 9	Total/NA	Solid	8015B NM	95776
880-51112-19	Augr Hole 10	Total/NA	Solid	8015B NM	95776
880-51112-20	Augr Hole 10	Total/NA	Solid	8015B NM	95776
MB 880-95776/1-A	Method Blank	Total/NA	Solid	8015B NM	95776

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

GC Semi VOA (Continued)

Analysis Batch: 95803 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-95776/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	95776
LCSD 880-95776/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	95776
880-51112-1 MS	Augr Hole 1	Total/NA	Solid	8015B NM	95776
880-51112-1 MSD	Augr Hole 1	Total/NA	Solid	8015B NM	95776

Analysis Batch: 95805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-21	Augr Hole 11	Total/NA	Solid	8015B NM	95777
880-51112-22	Augr Hole 11	Total/NA	Solid	8015B NM	95777
880-51112-23	Augr Hole 12	Total/NA	Solid	8015B NM	95777
880-51112-24	Augr Hole 12	Total/NA	Solid	8015B NM	95777
880-51112-25	Augr Hole 13	Total/NA	Solid	8015B NM	95777
880-51112-26	Augr Hole 13	Total/NA	Solid	8015B NM	95777
880-51112-27	Augr Hole 14	Total/NA	Solid	8015B NM	95777
880-51112-28	Augr Hole 14	Total/NA	Solid	8015B NM	95777
880-51112-29	Augr Hole 15	Total/NA	Solid	8015B NM	95777
880-51112-30	Augr Hole 15	Total/NA	Solid	8015B NM	95777
880-51112-31	Augr Hole 16	Total/NA	Solid	8015B NM	95777
880-51112-32	Augr Hole 16	Total/NA	Solid	8015B NM	95777
MB 880-95777/1-A	Method Blank	Total/NA	Solid	8015B NM	95777
LCS 880-95777/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	95777
LCSD 880-95777/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	95777
880-51112-21 MS	Augr Hole 11	Total/NA	Solid	8015B NM	95777
880-51112-21 MSD	Augr Hole 11	Total/NA	Solid	8015B NM	95777

Analysis Batch: 95848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Total/NA	Solid	8015 NM	
880-51112-2	Augr Hole 1	Total/NA	Solid	8015 NM	
880-51112-3	Augr Hole 2	Total/NA	Solid	8015 NM	
880-51112-4	Augr Hole 2	Total/NA	Solid	8015 NM	
880-51112-5	Augr Hole 3	Total/NA	Solid	8015 NM	
880-51112-6	Augr Hole 3	Total/NA	Solid	8015 NM	
880-51112-7	Augr Hole 4	Total/NA	Solid	8015 NM	
880-51112-8	Augr Hole 4	Total/NA	Solid	8015 NM	
880-51112-9	Augr Hole 5	Total/NA	Solid	8015 NM	
880-51112-10	Augr Hole 5	Total/NA	Solid	8015 NM	
880-51112-11	Augr Hole 6	Total/NA	Solid	8015 NM	
880-51112-12	Augr Hole 6	Total/NA	Solid	8015 NM	
880-51112-13	Augr Hole 7	Total/NA	Solid	8015 NM	
880-51112-14	Augr Hole 7	Total/NA	Solid	8015 NM	
880-51112-15	Augr Hole 8	Total/NA	Solid	8015 NM	
880-51112-16	Augr Hole 8	Total/NA	Solid	8015 NM	
880-51112-17	Augr Hole 9	Total/NA	Solid	8015 NM	
880-51112-18	Augr Hole 9	Total/NA	Solid	8015 NM	
880-51112-19	Augr Hole 10	Total/NA	Solid	8015 NM	
880-51112-20	Augr Hole 10	Total/NA	Solid	8015 NM	
880-51112-21	Augr Hole 11	Total/NA	Solid	8015 NM	
880-51112-22	Augr Hole 11	Total/NA	Solid	8015 NM	
880-51112-23	Augr Hole 12	Total/NA	Solid	8015 NM	
880-51112-24	Augr Hole 12	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

GC Semi VOA (Continued)

Analysis Batch: 95848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-25	Augr Hole 13	Total/NA	Solid	8015 NM	
880-51112-26	Augr Hole 13	Total/NA	Solid	8015 NM	
880-51112-27	Augr Hole 14	Total/NA	Solid	8015 NM	
880-51112-28	Augr Hole 14	Total/NA	Solid	8015 NM	
880-51112-29	Augr Hole 15	Total/NA	Solid	8015 NM	
880-51112-30	Augr Hole 15	Total/NA	Solid	8015 NM	
880-51112-31	Augr Hole 16	Total/NA	Solid	8015 NM	
880-51112-32	Augr Hole 16	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 95758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Soluble	Solid	DI Leach	
880-51112-2	Augr Hole 1	Soluble	Solid	DI Leach	
880-51112-3	Augr Hole 2	Soluble	Solid	DI Leach	
880-51112-4	Augr Hole 2	Soluble	Solid	DI Leach	
880-51112-5	Augr Hole 3	Soluble	Solid	DI Leach	
880-51112-6	Augr Hole 3	Soluble	Solid	DI Leach	
880-51112-7	Augr Hole 4	Soluble	Solid	DI Leach	
880-51112-8	Augr Hole 4	Soluble	Solid	DI Leach	
880-51112-9	Augr Hole 5	Soluble	Solid	DI Leach	
880-51112-10	Augr Hole 5	Soluble	Solid	DI Leach	
880-51112-11	Augr Hole 6	Soluble	Solid	DI Leach	
880-51112-12	Augr Hole 6	Soluble	Solid	DI Leach	
880-51112-13	Augr Hole 7	Soluble	Solid	DI Leach	
880-51112-14	Augr Hole 7	Soluble	Solid	DI Leach	
MB 880-95758/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-95758/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-95758/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-51112-5 MS	Augr Hole 3	Soluble	Solid	DI Leach	
880-51112-5 MSD	Augr Hole 3	Soluble	Solid	DI Leach	

Leach Batch: 95761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-15	Augr Hole 8	Soluble	Solid	DI Leach	
880-51112-16	Augr Hole 8	Soluble	Solid	DI Leach	
880-51112-17	Augr Hole 9	Soluble	Solid	DI Leach	
880-51112-18	Augr Hole 9	Soluble	Solid	DI Leach	
880-51112-19	Augr Hole 10	Soluble	Solid	DI Leach	
880-51112-20	Augr Hole 10	Soluble	Solid	DI Leach	
880-51112-21	Augr Hole 11	Soluble	Solid	DI Leach	
880-51112-22	Augr Hole 11	Soluble	Solid	DI Leach	
880-51112-23	Augr Hole 12	Soluble	Solid	DI Leach	
880-51112-24	Augr Hole 12	Soluble	Solid	DI Leach	
880-51112-25	Augr Hole 13	Soluble	Solid	DI Leach	
880-51112-26	Augr Hole 13	Soluble	Solid	DI Leach	
880-51112-27	Augr Hole 14	Soluble	Solid	DI Leach	
880-51112-28	Augr Hole 14	Soluble	Solid	DI Leach	
880-51112-29	Augr Hole 15	Soluble	Solid	DI Leach	
880-51112-30	Augr Hole 15	Soluble	Solid	DI Leach	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

HPLC/IC (Continued)

Leach Batch: 95761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-31	Augr Hole 16	Soluble	Solid	DI Leach	
880-51112-32	Augr Hole 16	Soluble	Solid	DI Leach	
MB 880-95761/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-95761/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-95761/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-51112-15 MS	Augr Hole 8	Soluble	Solid	DI Leach	
880-51112-15 MSD	Augr Hole 8	Soluble	Solid	DI Leach	
880-51112-25 MS	Augr Hole 13	Soluble	Solid	DI Leach	
880-51112-25 MSD	Augr Hole 13	Soluble	Solid	DI Leach	

Analysis Batch: 95798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-1	Augr Hole 1	Soluble	Solid	300.0	95758
880-51112-2	Augr Hole 1	Soluble	Solid	300.0	95758
880-51112-3	Augr Hole 2	Soluble	Solid	300.0	95758
880-51112-4	Augr Hole 2	Soluble	Solid	300.0	95758
880-51112-5	Augr Hole 3	Soluble	Solid	300.0	95758
880-51112-6	Augr Hole 3	Soluble	Solid	300.0	95758
880-51112-7	Augr Hole 4	Soluble	Solid	300.0	95758
880-51112-8	Augr Hole 4	Soluble	Solid	300.0	95758
880-51112-9	Augr Hole 5	Soluble	Solid	300.0	95758
880-51112-10	Augr Hole 5	Soluble	Solid	300.0	95758
880-51112-11	Augr Hole 6	Soluble	Solid	300.0	95758
880-51112-12	Augr Hole 6	Soluble	Solid	300.0	95758
880-51112-13	Augr Hole 7	Soluble	Solid	300.0	95758
880-51112-14	Augr Hole 7	Soluble	Solid	300.0	95758
MB 880-95758/1-A	Method Blank	Soluble	Solid	300.0	95758
LCS 880-95758/2-A	Lab Control Sample	Soluble	Solid	300.0	95758
LCSD 880-95758/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	95758
880-51112-5 MS	Augr Hole 3	Soluble	Solid	300.0	95758
880-51112-5 MSD	Augr Hole 3	Soluble	Solid	300.0	95758

Analysis Batch: 95801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-15	Augr Hole 8	Soluble	Solid	300.0	95761
880-51112-16	Augr Hole 8	Soluble	Solid	300.0	95761
880-51112-17	Augr Hole 9	Soluble	Solid	300.0	95761
880-51112-18	Augr Hole 9	Soluble	Solid	300.0	95761
880-51112-19	Augr Hole 10	Soluble	Solid	300.0	95761
880-51112-20	Augr Hole 10	Soluble	Solid	300.0	95761
880-51112-21	Augr Hole 11	Soluble	Solid	300.0	95761
880-51112-22	Augr Hole 11	Soluble	Solid	300.0	95761
880-51112-23	Augr Hole 12	Soluble	Solid	300.0	95761
880-51112-24	Augr Hole 12	Soluble	Solid	300.0	95761
880-51112-25	Augr Hole 13	Soluble	Solid	300.0	95761
880-51112-26	Augr Hole 13	Soluble	Solid	300.0	95761
880-51112-27	Augr Hole 14	Soluble	Solid	300.0	95761
880-51112-28	Augr Hole 14	Soluble	Solid	300.0	95761
880-51112-29	Augr Hole 15	Soluble	Solid	300.0	95761
880-51112-30	Augr Hole 15	Soluble	Solid	300.0	95761
880-51112-31	Augr Hole 16	Soluble	Solid	300.0	95761

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

HPLC/IC (Continued)

Analysis Batch: 95801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51112-32	Augr Hole 16	Soluble	Solid	300.0	95761
MB 880-95761/1-A	Method Blank	Soluble	Solid	300.0	95761
LCS 880-95761/2-A	Lab Control Sample	Soluble	Solid	300.0	95761
LCSD 880-95761/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	95761
880-51112-15 MS	Augr Hole 8	Soluble	Solid	300.0	95761
880-51112-15 MSD	Augr Hole 8	Soluble	Solid	300.0	95761
880-51112-25 MS	Augr Hole 13	Soluble	Solid	300.0	95761
880-51112-25 MSD	Augr Hole 13	Soluble	Solid	300.0	95761

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 1
Lab Sample ID: 880-51112-1
Date Collected: 11/12/24 12:00
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 11:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 11:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 12:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 12:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 16:41	CH	EET MID

Client Sample ID: Augr Hole 1
Lab Sample ID: 880-51112-2
Date Collected: 11/12/24 12:05
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 11:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 11:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 13:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 13:34	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 16:48	CH	EET MID

Client Sample ID: Augr Hole 2
Lab Sample ID: 880-51112-3
Date Collected: 11/12/24 12:10
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 12:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 13:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 13:50	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 16:55	CH	EET MID

Client Sample ID: Augr Hole 2
Lab Sample ID: 880-51112-4
Date Collected: 11/12/24 12:15
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 12:31	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 2

Lab Sample ID: 880-51112-4
Matrix: Solid
Date Collected: 11/12/24 12:15
Date Received: 11/14/24 15:29

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			95848	11/15/24 14:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 14:06	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 17:01	CH	EET MID

Client Sample ID: Augr Hole 3

Lab Sample ID: 880-51112-5
Matrix: Solid
Date Collected: 11/12/24 12:20
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 12:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 14:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 14:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 17:08	CH	EET MID

Client Sample ID: Augr Hole 3

Lab Sample ID: 880-51112-6
Matrix: Solid
Date Collected: 11/12/24 12:25
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 14:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 14:39	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 17:28	CH	EET MID

Client Sample ID: Augr Hole 4

Lab Sample ID: 880-51112-7
Matrix: Solid
Date Collected: 11/12/24 12:30
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 13:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 14:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 14:55	TKC	EET MID

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 4
Lab Sample ID: 880-51112-7
Date Collected: 11/12/24 12:30
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 17:35	CH	EET MID

Client Sample ID: Augr Hole 4
Lab Sample ID: 880-51112-8
Date Collected: 11/12/24 12:35
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 13:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 15:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 15:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 17:55	CH	EET MID

Client Sample ID: Augr Hole 5
Lab Sample ID: 880-51112-9
Date Collected: 11/12/24 12:40
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 15:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 15:28	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 18:01	CH	EET MID

Client Sample ID: Augr Hole 5
Lab Sample ID: 880-51112-10
Date Collected: 11/12/24 12:45
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 14:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 15:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 15:44	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 18:08	CH	EET MID

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 6
Lab Sample ID: 880-51112-11
Date Collected: 11/12/24 12:50
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 16:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 16:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 16:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 18:15	CH	EET MID

Client Sample ID: Augr Hole 6
Lab Sample ID: 880-51112-12
Date Collected: 11/12/24 12:55
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 16:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 16:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 16:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 16:33	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 18:21	CH	EET MID

Client Sample ID: Augr Hole 7
Lab Sample ID: 880-51112-13
Date Collected: 11/12/24 13:00
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 16:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 16:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 16:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 16:49	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 18:28	CH	EET MID

Client Sample ID: Augr Hole 7
Lab Sample ID: 880-51112-14
Date Collected: 11/12/24 13:05
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 17:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Client Sample ID: Augr Hole 7

Lab Sample ID: 880-51112-14

Date Collected: 11/12/24 13:05
Matrix: Solid
Date Received: 11/14/24 15:29

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			95848	11/15/24 17:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 17:05	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95758	11/15/24 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95798	11/15/24 18:35	CH	EET MID

Client Sample ID: Augr Hole 8

Lab Sample ID: 880-51112-15

Date Collected: 11/12/24 13:10
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 17:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 17:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 18:24	CH	EET MID

Client Sample ID: Augr Hole 8

Lab Sample ID: 880-51112-16

Date Collected: 11/12/24 13:15
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 17:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 17:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 17:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 18:40	CH	EET MID

Client Sample ID: Augr Hole 9

Lab Sample ID: 880-51112-17

Date Collected: 11/12/24 13:20
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 18:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 17:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 17:54	TKC	EET MID

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 9
Lab Sample ID: 880-51112-17
Date Collected: 11/12/24 13:20
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 18:45	CH	EET MID

Client Sample ID: Augr Hole 9
Lab Sample ID: 880-51112-18
Date Collected: 11/12/24 13:25
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 18:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 18:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 18:11	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 18:51	CH	EET MID

Client Sample ID: Augr Hole 10
Lab Sample ID: 880-51112-19
Date Collected: 11/12/24 13:30
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 18:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 18:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 18:27	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 18:56	CH	EET MID

Client Sample ID: Augr Hole 10
Lab Sample ID: 880-51112-20
Date Collected: 11/12/24 13:35
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	95769	11/15/24 08:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95765	11/15/24 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 19:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 18:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95776	11/15/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95803	11/15/24 18:43	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:12	CH	EET MID

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Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 11
Lab Sample ID: 880-51112-21
Date Collected: 11/12/24 13:40
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 11:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 11:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 12:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 12:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:17	CH	EET MID

Client Sample ID: Augr Hole 11
Lab Sample ID: 880-51112-22
Date Collected: 11/12/24 13:45
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 11:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 11:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 13:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 13:50	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:22	CH	EET MID

Client Sample ID: Augr Hole 12
Lab Sample ID: 880-51112-23
Date Collected: 11/12/24 13:50
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 12:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 12:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 14:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 14:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:28	CH	EET MID

Client Sample ID: Augr Hole 12
Lab Sample ID: 880-51112-24
Date Collected: 11/12/24 13:55
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 12:33	SM	EET MID

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Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 12
Lab Sample ID: 880-51112-24
Date Collected: 11/12/24 13:55
Matrix: Solid
Date Received: 11/14/24 15:29

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			95848	11/15/24 14:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 14:23	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:33	CH	EET MID

Client Sample ID: Augr Hole 13
Lab Sample ID: 880-51112-25
Date Collected: 11/12/24 14:00
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 12:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 14:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 14:39	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:38	CH	EET MID

Client Sample ID: Augr Hole 13
Lab Sample ID: 880-51112-26
Date Collected: 11/12/24 14:05
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 13:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 14:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 14:55	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:54	CH	EET MID

Client Sample ID: Augr Hole 14
Lab Sample ID: 880-51112-27
Date Collected: 11/12/24 14:10
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 13:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 15:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 15:12	TKC	EET MID

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Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 14
Lab Sample ID: 880-51112-27
Date Collected: 11/12/24 14:10
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 19:59	CH	EET MID

Client Sample ID: Augr Hole 14
Lab Sample ID: 880-51112-28
Date Collected: 11/12/24 14:15
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 13:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 15:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 15:28	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 20:15	CH	EET MID

Client Sample ID: Augr Hole 15
Lab Sample ID: 880-51112-29
Date Collected: 11/12/24 14:20
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 14:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 14:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 15:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 15:44	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 20:20	CH	EET MID

Client Sample ID: Augr Hole 15
Lab Sample ID: 880-51112-30
Date Collected: 11/12/24 14:25
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 16:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 16:16	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 20:25	CH	EET MID

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

Client Sample ID: Augr Hole 16
Lab Sample ID: 880-51112-31
Date Collected: 11/12/24 14:30
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 16:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 16:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 16:33	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 20:31	CH	EET MID

Client Sample ID: Augr Hole 16
Lab Sample ID: 880-51112-32
Date Collected: 11/12/24 14:35
Matrix: Solid
Date Received: 11/14/24 15:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	95770	11/15/24 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	95763	11/15/24 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			95941	11/15/24 17:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			95848	11/15/24 16:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	95777	11/15/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	95805	11/15/24 16:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	95761	11/15/24 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	95801	11/15/24 20:36	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Job ID: 880-51112-1
Project/Site: Walker HP Gasline Rel
SDG: 21348

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
Total BTEX		Solid	Total BTEX

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
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
5035	Closed System Purge and Trap	SW846	EET MID
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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Walker HP Gasline Rel

Job ID: 880-51112-1
SDG: 21348

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-51112-1	Augr Hole 1	Solid	11/12/24 12:00	11/14/24 15:29	0-5"
880-51112-2	Augr Hole 1	Solid	11/12/24 12:05	11/14/24 15:29	4'
880-51112-3	Augr Hole 2	Solid	11/12/24 12:10	11/14/24 15:29	0-5"
880-51112-4	Augr Hole 2	Solid	11/12/24 12:15	11/14/24 15:29	4'
880-51112-5	Augr Hole 3	Solid	11/12/24 12:20	11/14/24 15:29	0-5"
880-51112-6	Augr Hole 3	Solid	11/12/24 12:25	11/14/24 15:29	4'
880-51112-7	Augr Hole 4	Solid	11/12/24 12:30	11/14/24 15:29	0-5"
880-51112-8	Augr Hole 4	Solid	11/12/24 12:35	11/14/24 15:29	4'
880-51112-9	Augr Hole 5	Solid	11/12/24 12:40	11/14/24 15:29	0-5"
880-51112-10	Augr Hole 5	Solid	11/12/24 12:45	11/14/24 15:29	4'
880-51112-11	Augr Hole 6	Solid	11/12/24 12:50	11/14/24 15:29	0-5"
880-51112-12	Augr Hole 6	Solid	11/12/24 12:55	11/14/24 15:29	4'
880-51112-13	Augr Hole 7	Solid	11/12/24 13:00	11/14/24 15:29	0-5"
880-51112-14	Augr Hole 7	Solid	11/12/24 13:05	11/14/24 15:29	4'
880-51112-15	Augr Hole 8	Solid	11/12/24 13:10	11/14/24 15:29	0-5"
880-51112-16	Augr Hole 8	Solid	11/12/24 13:15	11/14/24 15:29	1'
880-51112-17	Augr Hole 9	Solid	11/12/24 13:20	11/14/24 15:29	0-5"
880-51112-18	Augr Hole 9	Solid	11/12/24 13:25	11/14/24 15:29	1'
880-51112-19	Augr Hole 10	Solid	11/12/24 13:30	11/14/24 15:29	0-5"
880-51112-20	Augr Hole 10	Solid	11/12/24 13:35	11/14/24 15:29	1'
880-51112-21	Augr Hole 11	Solid	11/12/24 13:40	11/14/24 15:29	0-5"
880-51112-22	Augr Hole 11	Solid	11/12/24 13:45	11/14/24 15:29	1'
880-51112-23	Augr Hole 12	Solid	11/12/24 13:50	11/14/24 15:29	0-5"
880-51112-24	Augr Hole 12	Solid	11/12/24 13:55	11/14/24 15:29	1'
880-51112-25	Augr Hole 13	Solid	11/12/24 14:00	11/14/24 15:29	0-5"
880-51112-26	Augr Hole 13	Solid	11/12/24 14:05	11/14/24 15:29	1'
880-51112-27	Augr Hole 14	Solid	11/12/24 14:10	11/14/24 15:29	0-5"
880-51112-28	Augr Hole 14	Solid	11/12/24 14:15	11/14/24 15:29	1'
880-51112-29	Augr Hole 15	Solid	11/12/24 14:20	11/14/24 15:29	0-5"
880-51112-30	Augr Hole 15	Solid	11/12/24 14:25	11/14/24 15:29	1'
880-51112-31	Augr Hole 16	Solid	11/12/24 14:30	11/14/24 15:29	0-5"
880-51112-32	Augr Hole 16	Solid	11/12/24 14:35	11/14/24 15:29	1'

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com

Project Manager:	Blake Estep	Bill to: (if different)	
Company Name:	Etech Environmental	Company Name:	
Address:	13000 West CR 100	Address:	
City, State ZIP:	Midland, TX 79711	City, State ZIP:	
Phone:	(432)563-2200	Email:	blake@etechenv.com

Work Order Comments

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

Project Name:	Walker Hobbs Gasline Rel	Turn Around	
Project Number:	21348	Routine	X
P.O. Number:	21348	Rush:	
Sampler's Name:	Art	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	4.6/4.5	Thermometer ID	IR6	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-1	
Sample Custody Seals:	Yes No (N/A)	Total Containers:		

Work Order Notes

Distribute to WES
Bill Etech

880-51112 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (8021B) 8015M	TPH (TX1005)	Chloride	Sample Comments
Auger hole 1	Soil	11/12/24	12:00	0-5"	1				
Auger hole 1			12:05	4'					
Auger hole 2			12:10	0-5"					
Auger hole 2			12:15	4'					
Auger hole 3			12:20	0-5"					
Auger hole 3			12:25	4'					
Auger hole 4			12:30	0-5"					
Auger hole 4			12:35	4'					
Auger hole 5			12:40	0-5					
Auger hole 5			12:45	4'					

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 SiO2 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 **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Rea		11/14/24 15:29			
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Chain of Custody

XENCO LABORATORIES
Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com

Project Manager:	Blake Estep	Bill to: (if different)	
Company Name:	Etech Environmental	Company Name:	
Address:	13000 West CR 100	Address:	
City, State ZIP:	Midland, TX 79711	City, State ZIP:	
Phone:	(432)563-2200	Email:	blake@etechenv.com

Work Order Comments

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

Project Name:	Walker HP Gasline Rel	Turn Around	
Project Number:	21348	Routine	X
P.O. Number:	21348	Rush:	
Sampler's Name:	Art	Due Date:	

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Temperature (°C):		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (8021B) 8015M	TPH (TX1005)	Chloride
Auger hole 6	Soil	11/12/24	12:50	0-5"				
Auger hole 6			12:55	4'				
Auger hole 7			13:00	0-5"				
Auger hole 7			13:05	4				
Auger hole 8			13:10	0.5"				
Auger hole 8			13:15	1'				
Auger hole 9			13:20	0-5"				
Auger hole 9			13:25	1'				
Auger hole 10			13:30	0-5"				
Auger hole 10			13:35	1				

Work Order Notes

Distribute to WES
Bill Etech

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Sample Comments

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 SiO2 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 **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		11/14/24 15:28	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com

Project Manager:	Blake Estep	Bill to: (if different)	
Company Name:	Etech Environmental	Company Name:	
Address:	13000 West CR 100	Address:	
City, State ZIP:	Midland, TX 79711	City, State ZIP:	
Phone:	(432)563-2200	Email:	blake@etechenv.com

Work Order Comments

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

Project Name:	Walker Ltp Gasline Rel	Turn Around	
Project Number:	21348	Routine	X
P.O. Number:	21348	Rush:	
Sampler's Name:	AH	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C):		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Work Order Notes

Distribute to WES
Bill Etech

112

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (8021B) 8015M	TPH (TX1005)	Chloride	Sample Comments
Auger hole 11	So.l	11/12/24	13:40	0-5"					
Auger hole 11			13:45	1'					
Auger hole 12			13:50	0-5"					
Auger hole 12			13:55	1'					
Auger hole 13			14:00	0-5"					
Auger hole 13			14:05	1					
Auger hole 14			14:10	0-5"					
Auger hole 14			14:15	1					
Auger hole 15			14:20	0-5"					
Auger hole 15			14:25	1'					

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 SiO2 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 **1631 / 245.1 / 7470 / 7471** : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to 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 DeA		11/14/24 15:28			
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com

Project Manager:	Blake Estep	Bill to: (if different)	
Company Name:	Etech Environmental	Company Name:	
Address:	13000 West CR 100	Address:	
City, State ZIP:	Midland, TX 79711	City, State ZIP:	
Phone:	(432)563-2200	Email:	blake@etechenv.com

Work Order Comments

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

Project Name:	Walker Hp Gasline Rel	Turn Around	
Project Number:	21348	Routine	X
P.O. Number:	21348	Rush:	
Sampler's Name:	Art	Due Date:	

SAMPLE RECEIPT					
Temp Blank:	Yes No	Wet Ice:	Yes No		
Temperature (°C):		Thermometer ID			
Received Intact:	Yes No				
Cooler Custody Seals:	Yes No N/A	Correction Factor:			
Sample Custody Seals:	Yes No N/A	Total Containers:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (~~8021B~~) 8015M	TPH (TX1005)	Chloride	Sample Comments
Auger hole 16	Soil	11/12/24	14:30	0-5"	1	1	1	1	
Auger hole 16	"	"	14:35	1					

Work Order Notes

Distribute to WES
Bill Etech

112

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 SiO2 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 **1631 / 245.1 / 7470 / 7471** : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to 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 RMA		11/14/24 15:28			
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

11/18/2024

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-51112-1
SDG Number: 21348

Login Number: 51112
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	

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

QUESTIONS

Action 418053

QUESTIONS

Operator: DELAWARE BASIN MIDSTREAM, LLC 9950 Woodloch Forest Drive The Woodlands, TX 77380	OGRID: 314437
	Action Number: 418053
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2429241405**
Incident Name	**NAPP2429241405 WALKER HP GAS PIPELINE @ 0**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WALKER HP GAS PIPELINE
Date Release Discovered	10/17/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Condensate | Released: 23 BBL | Recovered: 0 BBL | Lost: 23 BBL.
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure | Pipeline (Any) | Natural Gas Vented | Released: 17,878 MCF | Recovered: 0 MCF | Lost: 17,878 MCF.
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	A crew was working on the HMI. The door on the pigging barrel was open and the valve cycled allowing condensate and gas to be released. Approximately 23-bbl of condensate and 17,878.42 mcf of gas was released. Condensate release affected nearby vegetation and soil. Release was reported to NMOCD and BLM on 10/18/2024 verbally. Affected area will be treated in place or removed via dig and haul once fully delineated.

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: DELAWARE BASIN MIDSTREAM, LLC 9950 Woodloch Forest Drive The Woodlands, TX 77380	OGRID: 314437
	Action Number: 418053
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(3) an unauthorized release of gases exceeding 500 MCF.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Alex Shepherd Title: Environmental Manager Email: Alex.Shepherd@westernmidstream.com Date: 10/28/2024

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QUESTIONS (continued)

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QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	144
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	11/12/2024
On what date will (or did) the final sampling or liner inspection occur	01/27/2025
On what date will (or was) the remediation complete(d)	02/27/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	CoCs below thresholds during delineation. More in-depth confirmation sampling will be conducted for closure.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Alex Shepherd Title: Environmental Manager Email: Alex.Shepherd@westernmidstream.com Date: 01/07/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	*{Unavailable.}*

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Operator: DELAWARE BASIN MIDSTREAM, LLC 9950 Woodloch Forest Drive The Woodlands, TX 77380	OGRID: 314437
	Action Number: 418053
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CONDITIONS

Created By	Condition	Condition Date
nvelez	The remediation plan is approved as written. Delaware Basin Midstream has 90-days (April 23, 2025) to submit to OCD its appropriate or final remediation closure report.	1/23/2025