

State of New Mexico
Oil Conservation Division

Incident ID	nDHR1922039043
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Albert Ochoa

Title: Environmental Coordinator

Signature: Albert Ochoa

Date: 10/11/2021

email: albert.ochoa@goodnightmidstream.com

Telephone: (432)242-6629

OCD Only

Received by: Robert Hamlet

Date: 3/11/2022

☐ Approved

☐ Approved with Attached Conditions of Approval

☐ Denied

☒ Deferral Approved

Signature: Robert Hamlet

Date: 3/11/2022

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Signature: _____

Date: _____

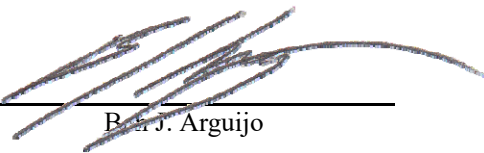
Remediation Summary & Deferral Request

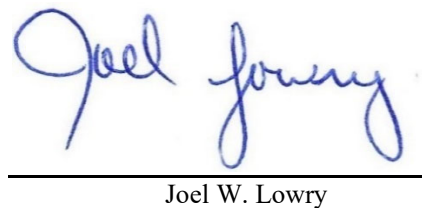
Goodnight Midstream Permian, LLC Wrigley SWD

Lea County, New Mexico
Unit Letter "N", Section 17, Township 21 South, Range 36 East
Latitude 32.4723084 North, Longitude 103.2886783 West
NMOCD Reference No. nDHR1922039043

Prepared By:

Etech Environmental & Safety Solutions, Inc.
3100 Plains Highway
Lovington, New Mexico 88260



Ben J. Arguijo

Joel W. Lowry

Midland • San Antonio • Lubbock • Lovington • Lafayette

TABLE OF CONTENTS

	<i>Section</i>
PROJECT INFORMATION.....	1.0
SITE CHARACTERIZATION.....	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE.....	3.0
INITIAL SITE ASSESSMENT.....	4.0
PROPOSED REMEDIATION PLAN.....	5.0
REGULATORY APPROVALS & STIPULATIONS.....	6.0
REMEDIATION ACTIVITIES SUMMARY.....	7.0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN.....	8.0
DEFERRAL REQUEST.....	9.0
LIMITATIONS.....	10.0
DISTRIBUTION.....	11.0

FIGURES

Figure 1 - Topographic Map
Figure 2 - Aerial Proximity Map
Figure 3 - Site & Sample Location Map

TABLES

Table 1 - Concentrations of BTEX, TPH & Chloride in Soil

APPENDICES

Appendix A - Depth to Groundwater Information
Appendix B - Field Data & Soil Profile Logs
Appendix C - Photographic Log
Appendix D - Laboratory Analytical Reports

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC (Goodnight), has prepared this *Remediation Summary & Deferral Request* for the release site known as the Wrigley SWD (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.4723084 Longitude: -103.2886783

Provided GPS are in WGS84 format.

Site Name:	Wrigley SWD	Site Type:	SWD
Date Release Discovered:	6/29/2019	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
"N"	17	21S	36E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name Dasco Cattle Co., LLC)

Nature and Volume of Release

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 200	Volume Recovered (bbls) 40
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	☒ Yes ☐ No ☐ N/A
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released	Volume/Weight Recovered
Cause of Release: A hose ruptured, causing the release. Produced water released was contained inside the facility berms/firewalls and secondary containment.		

Initial Response

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
☒ All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	246'	
Did the release impact groundwater or surface water?	☐ Yes	☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes	☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes	☒ No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	☐ Yes	☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☒ Yes	☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes	☒ No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes	☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes	☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes	☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes	☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes	☒ No
Did the release impact areas not on an exploration, development, production or storage site?	☐ Yes	☒ No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria**†	Reclamation Standard*‡
246'	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	600	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	-	-
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 INITIAL SITE ASSESSMENT

July 3, 2019, an initial assessment of the release was conducted by an environmental contractor that is no longer affiliated with the Site. Subsequent site visits were performed on September 11, 2019, and May 19, 2020, in an effort to determine the horizontal and vertical extent of impacted soil.

In July 2020, Goodnight contracted Etech to assume remediation activities at the Site. A review of laboratory analytical data from soil samples collected during the 2019 and 2020 third-party site visits indicated additional horizontal and vertical delineation of the release was required.

On July 27, 2020, Etech conducted a site visit to assess the current state of the Site. A series of hand-augered soil bores (NH, EH, SH, and WH) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. In addition, one (1) hand-augered soil bore (NCF #2) was advanced within the release margins to further investigate the vertical extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, a total of 10 delineation soil samples (NCF #2 @ 1', NCF #2 @ 2', NH @ Surface, NH @ 1', EH @ Surface, EH @ 1', SH @ Surface, SH @ 1', WH @ Surface, and WH @ 1') were submitted to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond two (2) feet below ground surface (bgs) in the area characterized by auger hole NCF #2, and the horizontal extent of impacted soil was adequately defined.

5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics, and field observations made during the 2019 and 2020 site assessments, Goodnight proposed the following remediation activities designed to advance the Site toward an approved closure:

- Utilizing mechanical equipment, excavate impacted soil within the release margins affected above the NMOCD Closure Criteria. Advance the sidewalls and floor of the excavation until laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH and chloride are below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard.
- Temporarily stockpile excavated soil on-site atop a plastic liner, pending transfer to the nearest NMOCD-permitted disposal facility.
- Upon completion of excavation activities, collect representative five-point composite confirmation soil samples from the excavation sidewalls in each cardinal direction, representing no more than 50 linear feet. Collect a minimum of one (1) representative five-point composite confirmation soil sample from the base of the excavated area representing every 500 square feet. Collect additional, discrete grab samples from wet or visibly stained areas inferred to have been affected by the release, as necessary.
- Upon receiving laboratory analytical results from confirmation soil samples, backfill the excavated area with locally sourced, non-impacted, "like" material.
- Upon completion of remediation activities, prepare a *Remediation Summary & Deferral Request* detailing field activities and laboratory analytical results from confirmation soil samples.

6.0 REGULATORY APPROVALS & STIPULATIONS

On September 8, 2020, a *Site Assessment Report and Proposed Remediation Workplan* ("Workplan") was submitted to the NMOCD proposing the aforementioned remediation activities to advance the Site toward regulatory closure. The Workplan was subsequently approved by the NMOCD.

Please reference the *Site Assessment Report and Proposed Remediation Workplan* for additional details regarding site characterization and proposed remediation activities.

7.0 REMEDIATION ACTIVITIES SUMMARY

On May 12, 2021, remediation activities commenced at the Site. In accordance with the NMOCD-approved Workplan, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and a Hach Quantab® chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The floor and sidewalls of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard, or to the extent practicable.

Etech also advanced eight (8) hand-augered soil bores (BCDN, BCDE, BCDS, BCDW, SCDN, SCDE, SCDS, and SCDW) at the Site to more adequately define the affected area beneath the on-site storage tanks, lined containment area, and associated equipment and electrical facilities requiring deferral of remediation. During the advancement of the hand-augered soil bores, a total of 16 soil samples (BCDN @ 0-6", BCDN @ 1', BCDE @ 0-6", BCDE @ 2', BCDS @ 0-6", BCDS @ 1', BCDW @ 0-6", BCDW @ 1', SCDN @ 0-6", SCDN @ 1', SCDE @ 0-6", SCDE @ 3', SCDS @ 0-6", SCDS @ 2 1/2', SCDW @ 0-6", and SCDW @ 2') were collected and field-screened for utilizing olfactory/visual senses and a chloride test kit. The soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results and field screens, soil was not affected above the NMOCD Closure Criteria beyond one (1) to two (2) feet bgs in the areas characterized by auger holes BCDN, BCDE, BCDS, BCDW, and SCDN. However, additional vertical delineation was required in the areas characterized by auger holes SCDE, SCDS, and SCDW.

On May 13, 2021, Etech collected 62 confirmation soil samples (NW1 @ 0-6", NW2 @ 0-6", EW1 @ 0-6" through EW6 @ 0-6", SW1 @ 0-6", SW2 @ 0-6", WW1 @ 0-6" through WW6 @ 0-6", and FS1 @ 0-6" through FS46 @ 0-6") from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples. TPH concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, with the exceptions of soil samples FS20 @ 0-6" and FS30 @ 0-6", which exhibited TPH concentrations of 107 mg/kg and 128 mg/kg, respectively. Chloride concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples, with the exceptions of soil samples FS2 @ 0-6", FS3 @ 0-6", FS10 @ 0-6", FS11 @ 0-6", FS14 @ 0-6", FS24 @ 0-6", FS28 @ 0-6", and FS41 @ 0-6", which exhibited chloride concentrations ranging from 607 mg/kg (FS3 @ 0-6") to 15,500 mg/kg (FS28 @ 0-6").

On June 2, 2021, the excavation was further advanced in the areas characterized by soil samples FS2 @ 0-6", FS3 @ 0-6", FS30 @ 0-6", and FS41 @ 0-6". Etech collected four (4) confirmation soil samples (FS2 @ 1.5', FS3 @ 1', FS30 @ 1', and FS41 @ 1') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH and/or chloride. Laboratory analytical results indicated TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples.

On June 7, 2021, the excavation was further advanced in the areas characterized by soil samples FS10 @ 0-6", FS11 @ 0-6", FS14 @ 0-6", FS20 @ 0-6", FS24 @ 0-6", and FS28 @ 0-6". Etech collected six (6) confirmation soil samples (FS10 @ 1', FS11 @ 1', FS14 @ 1', FS20 @ 1', FS24 @ 1', and FS28 @ 1.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH and/or chloride. Laboratory analytical results indicated TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard in each of the submitted soil samples.

Etech also re-entered and advanced auger holes SCDE and SCDW to total depths of approximately five (5) feet and three (3) feet bgs, respectively, to further characterize the affected area requiring deferral of remediation. Soil samples (SCDE @ 5' and SCDW @ 3') were collected from each of the auger holes and field-screened utilizing olfactory/visual senses and a chloride test kit. The soil samples were submitted to the laboratory for analysis of chloride. Based on laboratory analytical results and field screens, soil was not affected above the NMOCD Closure Criteria beyond three (3) feet bgs in the area characterized by auger hole SCDW or beyond five (5) feet bgs in the area characterized by auger hole SCDE.

On June 8, 2021, Etech re-entered and advanced auger hole SCDS to a total depth of approximately six (6) feet bgs to further characterize the affected area requiring deferral of remediation. A soil sample (SCDS @ 6') was collected from the auger hole and field-screened utilizing olfactory/visual senses and a chloride test kit. The soil sample was submitted to the laboratory for analysis of chloride. Based on laboratory analytical results and field screens, soil was not affected above the NMOCD Closure Criteria beyond six (6) feet bgs in the area characterized by auger hole SCDS.

The final dimensions of the excavated area were approximately 360 feet in length, 22 to 97 feet in width, and six (6) inches to 1.5 feet in depth. During the course of remediation activities, approximately 182 cubic yards of impacted soil was excavated and transported to an NMOCD-permitted surface waste facility for disposal.

The extent of the excavated area, the area to be deferred, and the locations of the confirmation soil samples and auger holes are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. General photographs of the Site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

8.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

The release was limited to the production pad of an active SWD facility. Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions and compacted/contoured to fit the needs of the facility. Final remediation, reclamation, and revegetation will be conducted upon decommissioning and abandonment of the facility.

9.0 DEFERRAL REQUEST

Remediation activities were conducted in accordance with an approved Workplan. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated to the extent practicable and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX and TPH are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard. Remediation of impacted soil affected above the NMOCD Closure Criteria remaining in-situ beneath the on-site storage tanks, lined containment area, and associated equipment and electrical facilities will be completed upon decommissioning and abandonment of the SWD facility, in accordance with Section 19.15.29.13 NMAC.

Etech recommends Goodnight provide copies of this *Remediation Summary & Deferral Request* to the NMOCD and cease remediation activities at the Site.

10.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Deferral Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents reference in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Goodnight Midstream Permian, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Goodnight Midstream Permian, LLC.

11.0 DISTRIBUTION

Goodnight Midstream Permian, LLC

5910 N Central Expy

Dallas, TX 75206

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

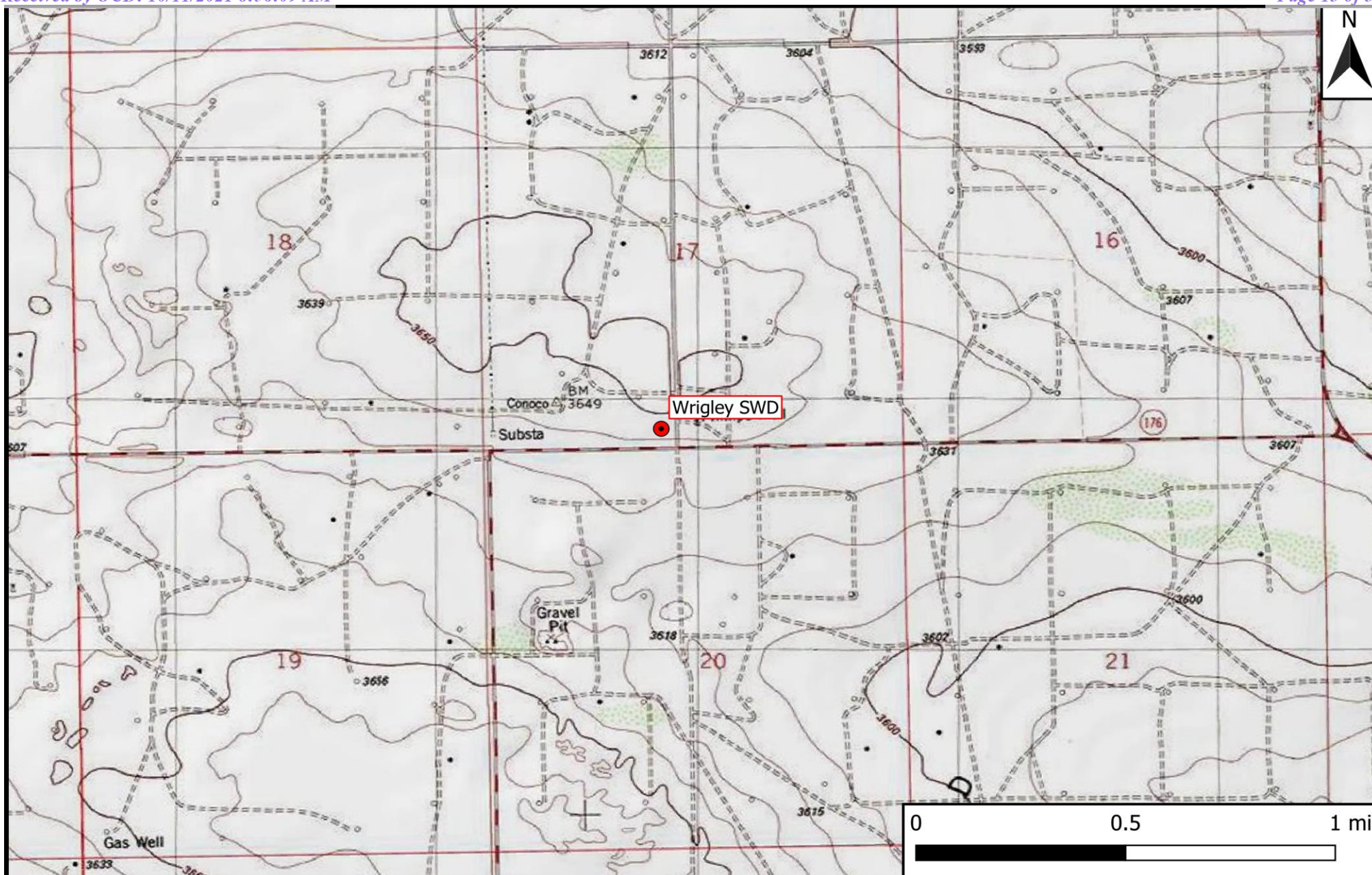
1220 South St. Francis Drive

Santa Fe, NM 87505

(Electronic Submission)

Figure 1

Topographic Map



Legend

- Site Location

Figure 1

Topographic Map
 Goodnight Midstream Permian, LLC
 Wrigley SWD
 GPS: 32.4723084, -103.2886783
 Lea County

ETECH

Environmental & Safety Solutions, Inc.



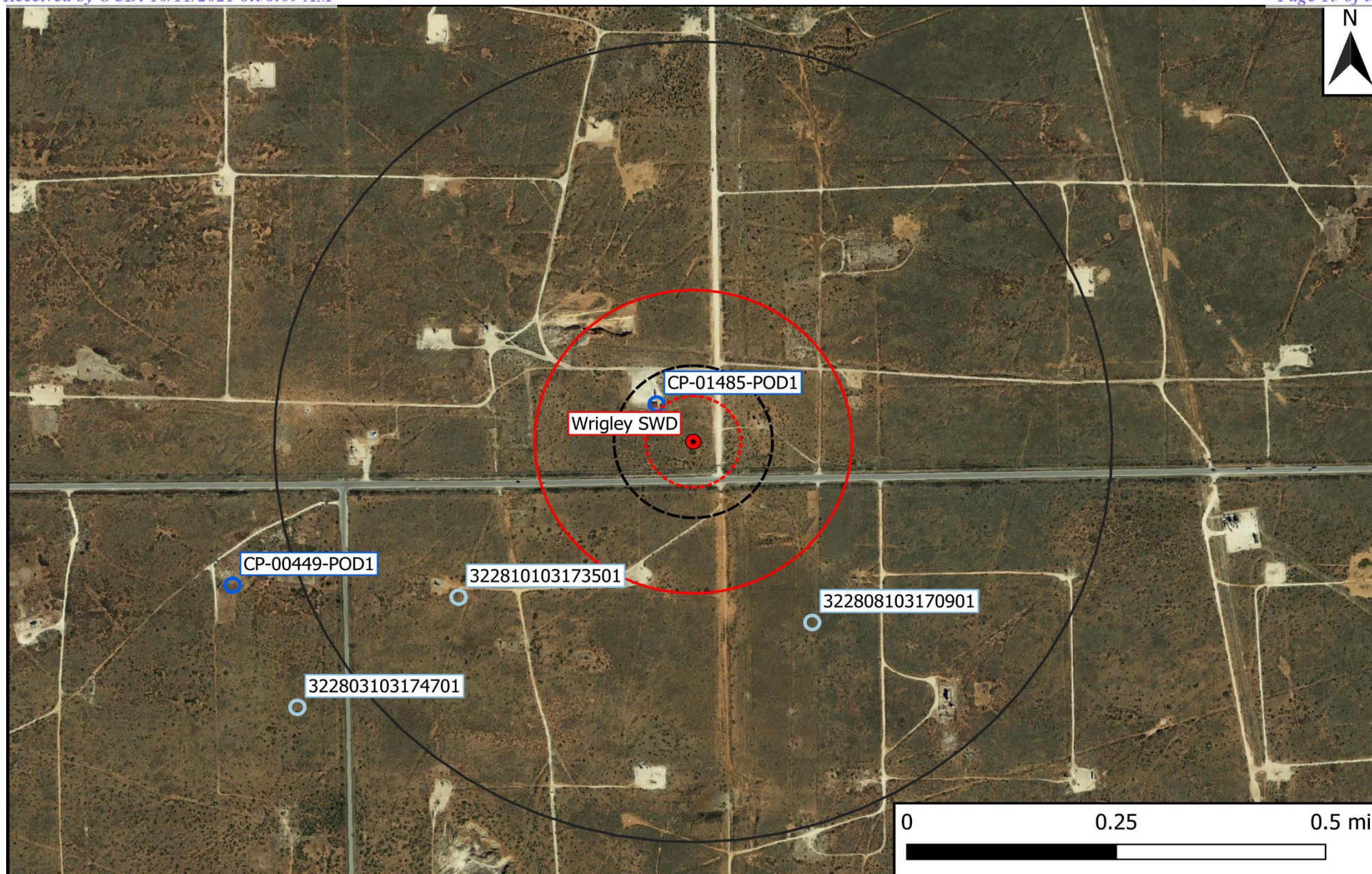
Drafted: bja

Checked: jwl

Date: 6/18/21

Figure 2

Aerial Proximity Map



Legend

- | | | |
|--------------------------------|------------------------------|---------------------|
| ● Site Location | ■ 1% Annual Flood Chance | --- 300-Ft Radius |
| ○ Well - NMOSE | ■ Emergent/Forested Wetlands | --- 500-Ft Radius |
| ○ Well - USGS | ■ Freshwater Pond/Lake | --- 1,000-Ft Radius |
| ○ Well - Investigative/Monitor | ■ Medium/High Karst | --- 0.5-Mi Radius |
| — Potash Mine Workings | ■ Riverine | |

Figure 2

Aerial Proximity Map
 Goodnight Midstream Permian, LLC
 Wrigley SWD
 GPS: 32.4723084, -103.2886783
 Lea County

eTECH

Environmental & Safety Solutions, Inc.



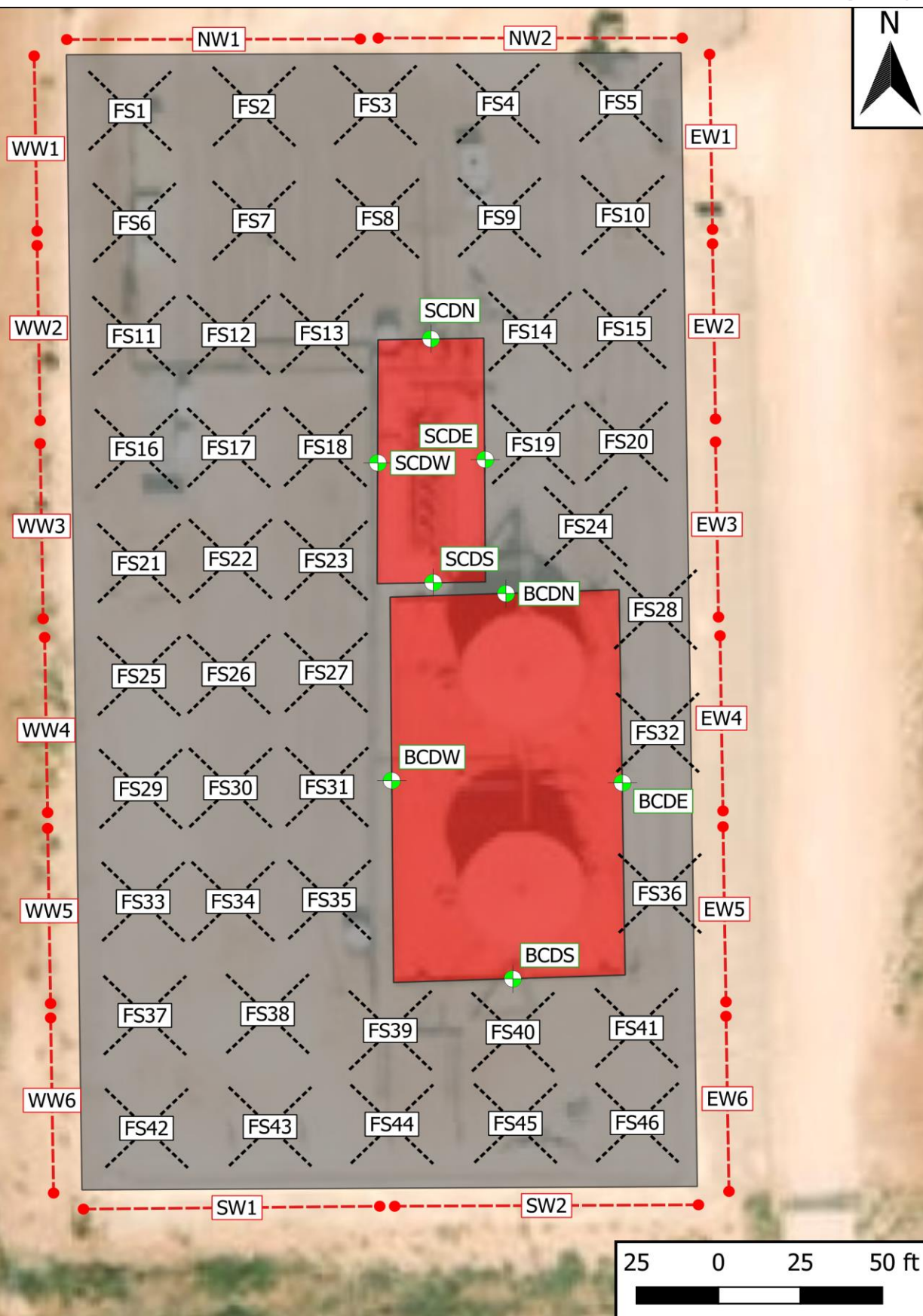
Drafted: bja

Checked: jwl

Date: 6/18/21

Figure 3

Site & Sample Location Map



Legend

- Excavated Area - 56,563 ft²
- Deferral Area - 11,157 ft²
- Composite Floor Sample
- Composite Wall Sample
- Deferral Sample

Figure 3

Site & Sample Location Map
 Goodnight Midstream Permian, LLC
 Wrigley SWD
 GPS: 32.4723084, -103.2886783
 Lea County



Revised: bja

Checked: jwl

Date: 6/18/21

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Wrigley SWD
NMOCD Ref. #: nDHR1922039043

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Delineation & Deferral Samples											
NCF #1 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	10,900
NWCF #2 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	8,840
NWF #3 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	14,500
Electric Panel #4 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	21,200
Trans Smp #5 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	9,320
West Center #7 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	20,300
South Center #8 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	12,800
Center #9 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	28,700
Center #10 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	17,300
Discharge SMP #11 @ 0-6"	7/3/2019	0.5	Deferred	-	-	-	-	-	-	-	15,800
South East SMP #12 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	18,500
NE SMP #13 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	16,700
NE SMP #14 @ 0-6"	7/3/2019	0.5	Excavated	-	-	-	-	-	-	-	19,700
SE #12	9/11/2019	1	In-Situ	-	-	<27.8	<27.8	<27.8	<27.8	<27.8	-
NE #13	9/11/2019	1	In-Situ	-	-	<26.9	<26.9	<26.9	<26.9	<26.9	-
NE #14	9/11/2019	1	In-Situ	-	-	<28.1	<28.1	<28.1	<28.1	<28.1	-
NCF #1 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	48.3
NWCF #2 @ 12"-14"	5/19/2020	1	Excavated	-	-	-	-	-	-	-	1,430
NWF #3 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	220
Electric Panel #4 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	59.6
Trans SMP #5 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	42.1
West Center #7 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	266
South Center #8 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	74.0
Center #9 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	31.1
Center #10 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	63.7
Discharge SMP #11 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	22.3
SE SMP #12 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	132
NE SMP #13 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	97.8
NE SMP #14 @ 12"-14"	5/19/2020	1	In-Situ	-	-	-	-	-	-	-	32.6
NCF #2 @ 1'	7/27/2020	1	In-Situ	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	15.9
NCF #2 @ 2'	7/27/2020	2	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	<5.03
NH @ Surface	7/27/2020	0	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	<5.00
NH @ 1'	7/27/2020	1	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
EH @ Surface	7/27/2020	0	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	6.41
EH @ 1'	7/27/2020	1	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	24.8
SH @ Surface	7/27/2020	0	In-Situ	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	19.8
SH @ 1'	7/27/2020	1	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	30.5
WH @ Surface	7/27/2020	0	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	70.6
WH @ 1'	7/27/2020	1	In-Situ	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	15.9
BCDN @ 0-6"	5/12/2021	0.5	Deferral	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	1,690

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Wrigley SWD
NMOCD Ref. #: nDHR1922039043

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
BCDN @ 1'	5/12/2021	1	Deferral	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	268
BCDE @ 0-6"	5/12/2021	0.5	Deferral	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	709
BCDE @ 2'	5/12/2021	2	Deferral	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	323
BCDS @ 0-6"	5/12/2021	0.5	Deferral	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	70.9
BCDS @ 1'	5/12/2021	1	Deferral	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	36.0
BCDW @ 0-6"	5/12/2021	0.5	Deferral	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	934
BCDW @ 1'	5/12/2021	1	Deferral	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	292
SCDN @ 0-6"	5/12/2021	0.5	Deferral	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	652
SCDN @ 1'	5/12/2021	1	Deferral	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	192
SCDE @ 0-6"	5/12/2021	0.5	Deferral	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	6,220
SCDE @ 3'	5/12/2021	3	Deferral	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	724
SCDE @ 5'	6/7/2021	5	Deferral	-	-	-	-	-	-	-	<5.01
SCDS @ 0-6"	5/12/2021	0.5	Deferral	<0.00202	<0.00404	<49.9	85.2	85.2	<49.9	85.2	18,000
SCDS @ 2 1/2'	5/12/2021	2.5	Deferral	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	4,040
SCDS @ 6'	6/8/2021	6	Deferral	-	-	-	-	-	-	-	199
SCDW @ 0-6"	5/12/2021	0.5	Deferral	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	4,030
SCDW @ 2'	5/12/2021	2	Deferral	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	908
SCDW @ 3'	6/7/2021	3	Deferral	-	-	-	-	-	-	-	189
Excavation Samples											
NW1 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	131
NW2 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	221
EW1 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	12.0
EW2 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	12.3
EW3 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	250
EW4 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	182
EW5 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	64.1
EW6 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	19.0
SW1 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	152
SW2 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	408
WW1 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	63.5
WW2 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	32.1
WW3 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	164
WW4 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	22.2
WW5 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	43.2
WW6 @ 0-6"	5/13/2021	0-0.5	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	21.5
FS1 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	407
FS2 @ 0-6"	5/13/2021	0.5	Excavated	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	3,080
FS2 @ 1.5'	6/2/2021	1.5	In-Situ	-	-	-	-	-	-	-	156
FS3 @ 0-6"	5/13/2021	0.5	Excavated	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	607
FS3 @ 1'	6/2/2021	1	In-Situ	-	-	-	-	-	-	-	136
FS4 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	524

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Wrigley SWD
NMOCD Ref. #: nDHR1922039043

NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FS5 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	323
FS6 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	12.7
FS7 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	473
FS8 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	28.2
FS9 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	228
FS10 @ 0-6"	5/13/2021	0.5	Excavated	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1,240
FS10 @ 1'	6/7/2021	1	In-Situ	-	-	-	-	-	-	-	163
FS11 @ 0-6"	5/13/2021	0.5	Excavated	<0.00198	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	2,230
FS11 @ 1'	6/7/2021	1	In-Situ	-	-	-	-	-	-	-	9.08
FS12 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	84.2
FS13 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	175
FS14 @ 0-6"	5/13/2021	0.5	Excavated	<0.00201	<0.00402	<49.9	87.2	87.2	<49.9	87.2	9,960
FS14 @ 1'	6/7/2021	1	In-Situ	-	-	-	-	-	-	-	83.5
FS15 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	152
FS16 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	260
FS17 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	384
FS18 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	295
FS19 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	327
FS20 @ 0-6"	5/13/2021	0.5	Excavated	<0.00200	<0.00401	<50.0	107	107	<50.0	107	237
FS20 @ 1'	6/7/2021	1	In-Situ	-	-	<50.0	<50.0	<50.0	<50.0	<50.0	-
FS21 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<5.00
FS22 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	108
FS23 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	58.0	58.0	133
FS24 @ 0-6"	5/13/2021	0.5	Excavated	<0.00198	<0.00397	61.4	<49.9	61.4	<49.9	61.4	1,400
FS24 @ 1'	6/7/2021	1	In-Situ	-	-	-	-	-	-	-	39.5
FS25 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	255
FS26 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	86.1
FS27 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	167
FS28 @ 0-6"	5/13/2021	0.5	Excavated	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	15,500
FS28 @ 1.5'	6/7/2021	1.5	In-Situ	-	-	-	-	-	-	-	311
FS29 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	212
FS30 @ 0-6"	5/13/2021	0.5	Excavated	<0.00201	<0.00402	<50.0	<50.0	<50.0	128	128	279
FS30 @ 1'	6/2/2021	1	In-Situ	-	-	<50.0	<50.0	<50.0	<50.0	<50.0	-
FS31 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	57.8
FS32 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	61.2
FS33 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	493
FS34 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00399	91.5	<49.9	91.5	<49.9	91.5	73.2
FS35 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	500
FS36 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	33.9
FS37 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	59.4
FS38 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	321

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.

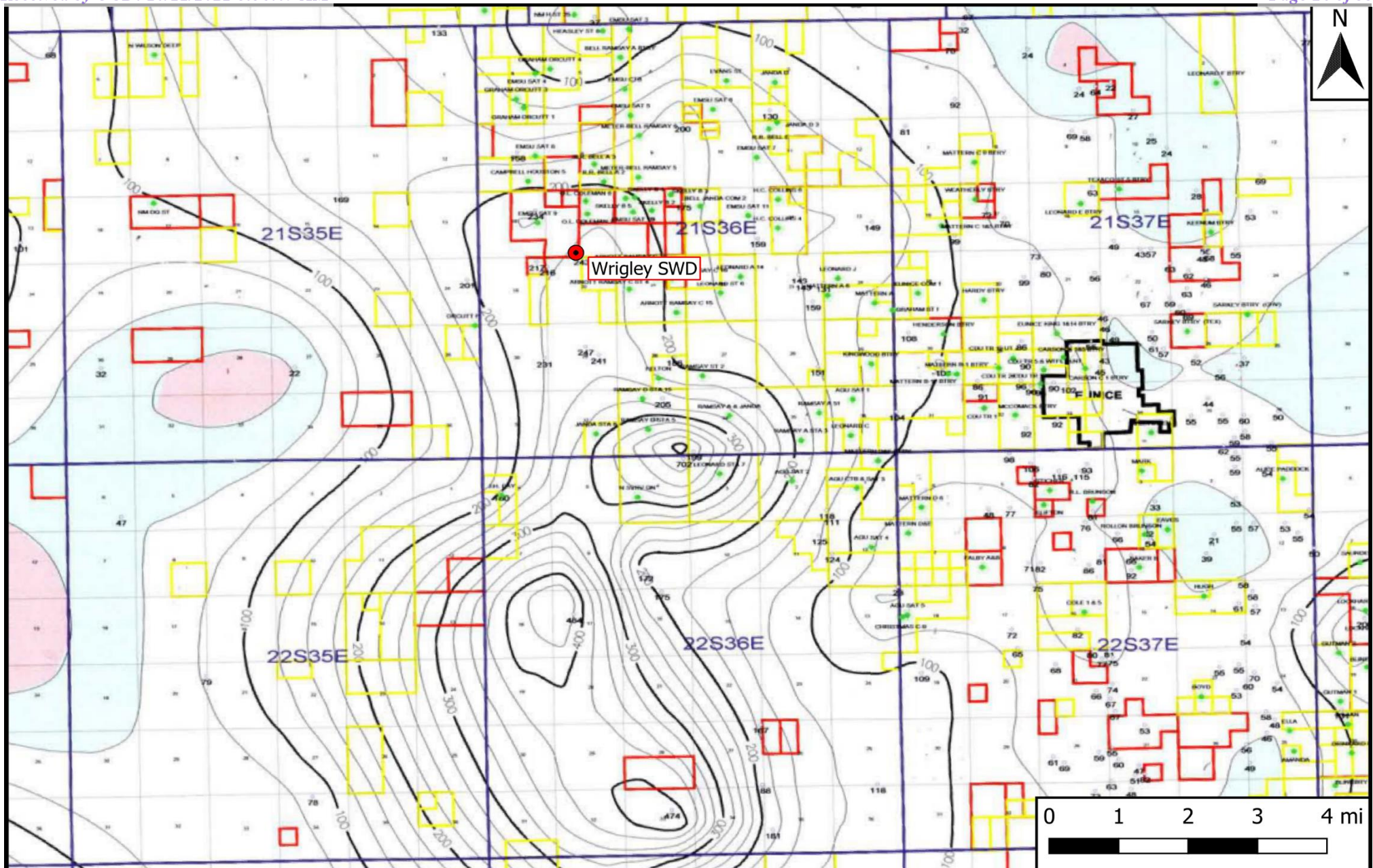
Table 1 Concentrations of BTEX, TPH, and Chloride in Soil Goodnight Midstream Permian, LLC Wrigley SWD NMOCD Ref. #: nDHR1922039043											
NMOCD Closure Criteria				10	50	-	-	-	-	100	600
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FS39 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	80.8	80.8	108
FS40 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	17.0
FS41 @ 0-6"	5/13/2021	0.5	Excavated	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	814
FS41 @ 1'	6/2/2021	1	In-Situ	-	-	-	-	-	-	-	115
FS42 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	61.7
FS43 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	91.9
FS44 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	16.2
FS45 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	17.3
FS46 @ 0-6"	5/13/2021	0.5	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	120

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.

Appendix A

Depth to Groundwater Information



Legend

● Site Location

Figure 4

Inferred Depth to Groundwater Trend Map
 Goodnight Midstream Permian, LLC
 Wrigley SWD
 GPS: 32.4723084, -103.2886783
 Lea County

ETECH
 Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 6/18/21



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01485 POD1	CP	LE		4	4	3	17	21S	36E	660749	3594154	103	305	246	59
CP 00281 POD1	CP	LE		3	1	1	20	21S	36E	660236	3593696*	698	201		

Average Depth to Water: **246 feet**

Minimum Depth: **246 feet**

Maximum Depth: **246 feet**

Record Count: 2

UTM NAD83 Radius Search (in meters):

Easting (X): 660819.62

Northing (Y): 3594079.11

Radius: 804.67

*UTM location was derived from PLSS - see Help

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

7/22/20 12:20 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP 01485	POD1	4	4	3	17	21S	36E	660749	3594154

x

Driller License: 1626 **Driller Company:** TAYLOR, ROY ALLEN

Driller Name: TAYLOR, ROY A.

Drill Start Date: 04/06/2015

Drill Finish Date: 04/08/2015

Plug Date:

Log File Date: 04/20/2015

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 50 GPM

Casing Size: 5.14

Depth Well: 305 feet

Depth Water: 246 feet

x

Water Bearing Stratifications:

Top	Bottom	Description
220	285	Sandstone/Gravel/Conglomerate

x

Casing Perforations:

Top	Bottom
245	305

x

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

7/22/20 12:21 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00281 POD1	3	1	1	20	21S	36E	660236	3593696*



x

Driller License:**Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:****PCW Rcv Date:****Source:****Pump Type:****Pipe Discharge Size:****Estimated Yield:****Casing Size:** 8.00**Depth Well:** 201 feet**Depth Water:**

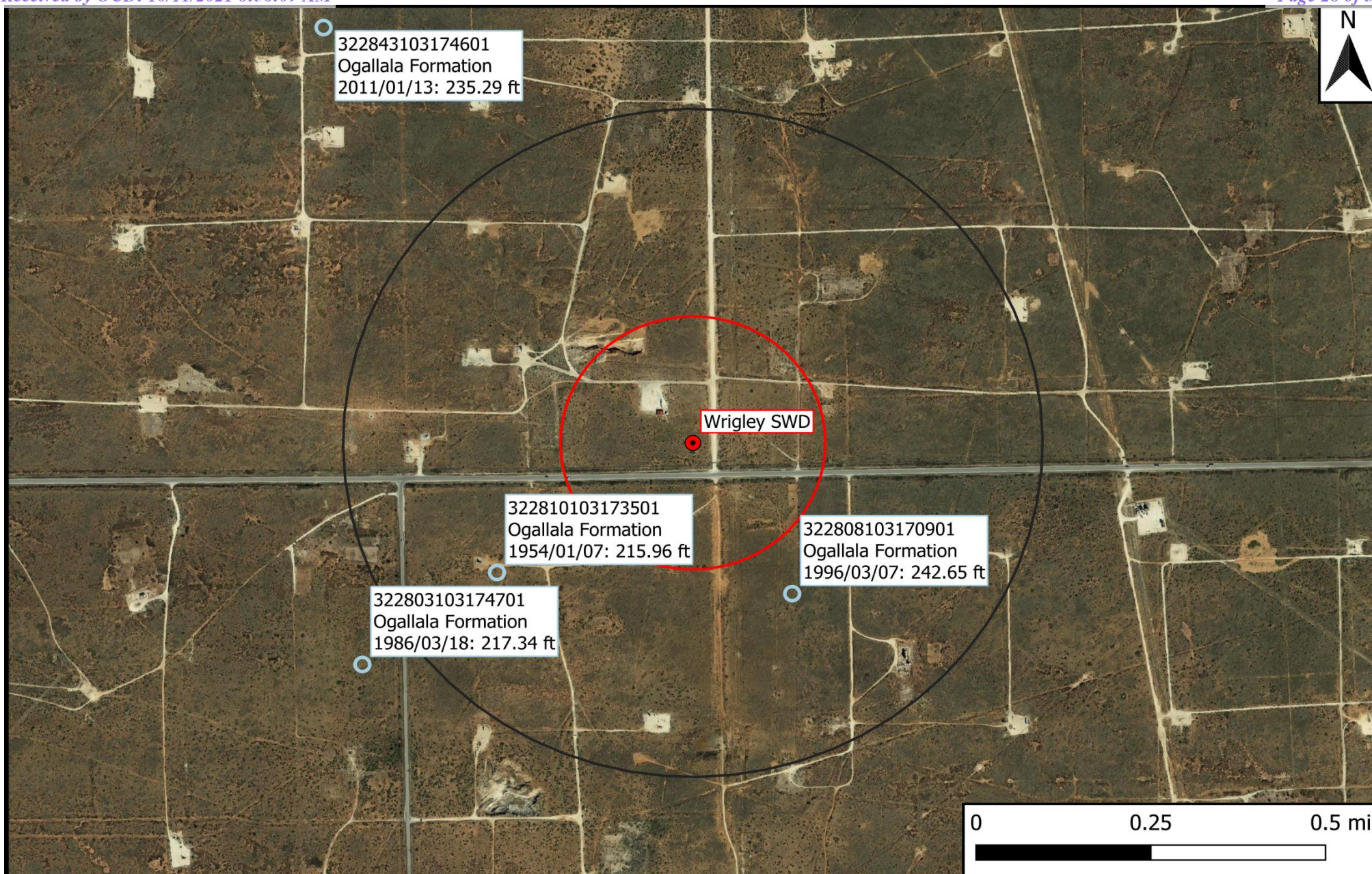
x

*UTM location was derived from PLSS - see Help

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7/22/20 12:21 PM

POINT OF DIVERSION SUMMARY



Legend

- Site Location
- Well - USGS
- 1,000-Ft Radius
- 0.5-Mi Radius

Figure 5

USGS Well Proximity Map
Goodnight Midstream Permian, LLC
Wrigley SWD
GPS: 32.4723084, -103.2886783
Lea County



Drafted: bja

Checked: jwl

Date: 6/18/21

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement
						Groundwater	United States	GO

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Agency code = usgs

site_no list =

- 322808103170901

Minimum number of levels = 1

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USGS 322808103170901 21S.36E.17.433333

Lea County, New Mexico

Latitude 32°28'08", Longitude 103°17'09" NAD27

Land-surface elevation 3,629 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-03-18		D	72019	243.27			1	Z			A
1970-12-15		D	72019	243.07			1	Z			A
1981-03-04		D	72019	242.48			1	Z			A
1986-03-18		D	72019	242.47			1	Z			A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement
1991-02-01		D	72019	242.71			1	Z
1996-03-07		D	72019	242.65			1	S
								A
								A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.38 0.32 nadww02





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Agency code = usgs

site_no list =

- 322810103173501

Minimum number of levels = 1

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USGS 322810103173501 21S.36E.20.11311

Lea County, New Mexico

Latitude 32°28'10", Longitude 103°17'35" NAD27

Land-surface elevation 3,629 feet above NAVD88

The depth of the well is 230 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1954-01-07			D	72019	215.96		1	Z			A

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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site_no list =

- 322803103174701

Minimum number of levels = 1

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USGS 322803103174701 21S.36E.19.221422

Lea County, New Mexico

Latitude 32°28'03", Longitude 103°17'47" NAD27

Land-surface elevation 3,634 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

[Table of data](#)

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Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1970-12-11			D	72019	225.82		1	Z			A
1976-01-22			D	72019	216.88		1	Z			A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1976-06-30			D	72019	216.55		1	Z			A
1981-03-04			D	72019	216.91		1	Z			A
1986-03-18			D	72019	217.34		1	Z			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.41 0.33 nadww01





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site_no list =
• 322843103174601

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USGS 322843103174601 21S.36E.18.24124

Lea County, New Mexico

Latitude 32°28'53.1", Longitude 103°17'51.2" NAD83

Land-surface elevation 3,645.00 feet above NGVD29

The depth of the well is 300 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1965-11-30			D	72019	253.38			1	Z		A
1968-03-18			D	72019	230.87			1	Z		A
1970-12-15			D	72019	230.20			1	Z		A
1976-01-22			D	72019	231.84			1	Z		A
1981-03-04			D	72019	232.22			1	Z		A
1986-03-19			D	72019	233.58			1	Z		A
1991-04-16			D	72019	233.67			1	Z		A
1996-02-07			D	72019	233.83			1	S		A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
2001-02-08			D	72019	234.35			1	S		A
2006-02-22			D	72019	234.02			1	S	USGS	A
2011-01-13	22:50 UTC		m	72019	235.29			1	S	USGS	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.4 0.33 nadw01



Appendix B

Field Data & Soil Profile Logs



Soil Profile

Date: 6/7/2021

Project: Wrigley SWD

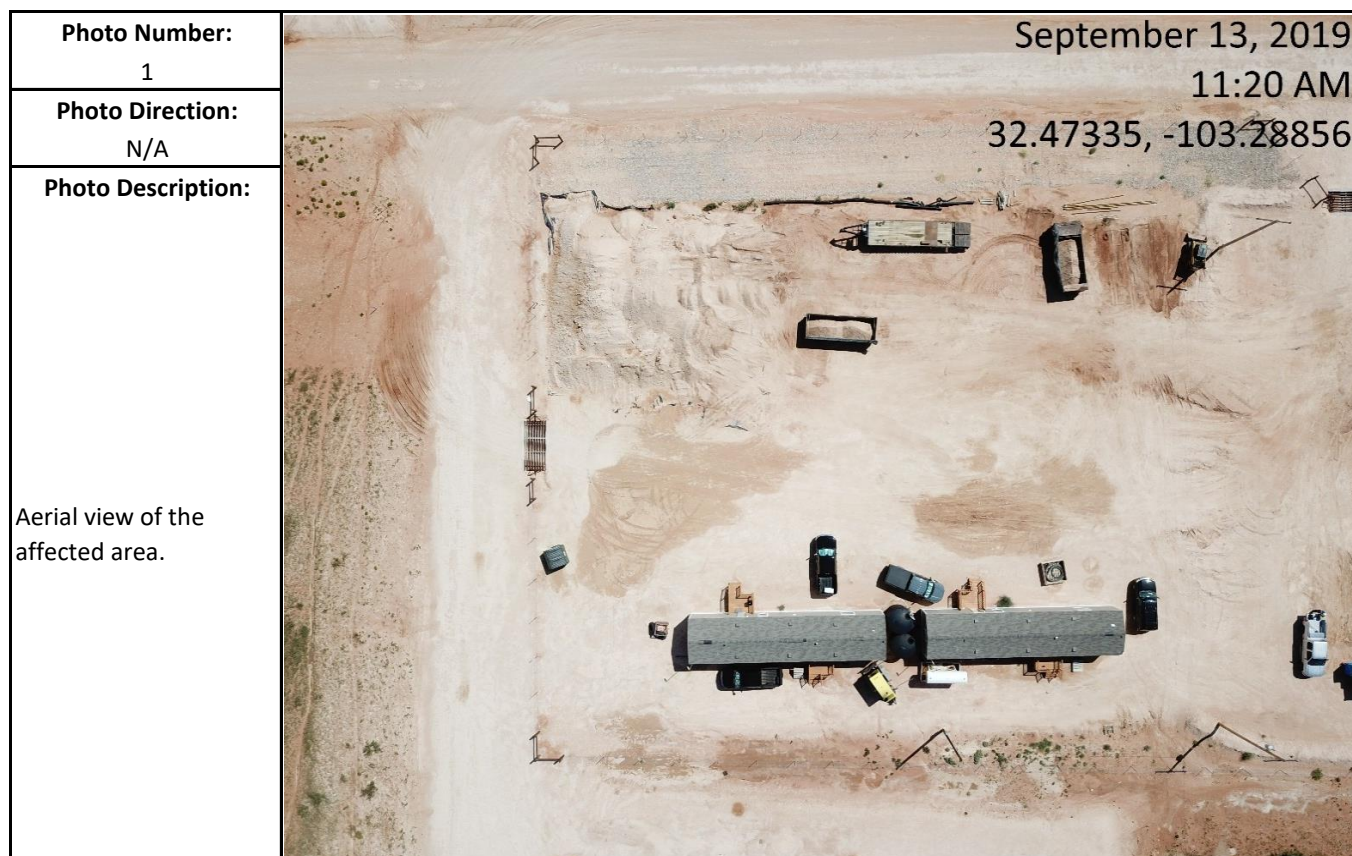
Project Number: 12795 Latitude: 32.4723084 Longitude: -103.2886783

Depth (ft. bgs)	Description
1	Caliche Well Pad, Imported Fill
2	
3	Top Soil / Red Sand
4	
5	Caliche, Resilient Rock
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
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37	
38	
39	
40	

Appendix C

Photographic Log

Photographic Log



Photographic Log



Photographic Log

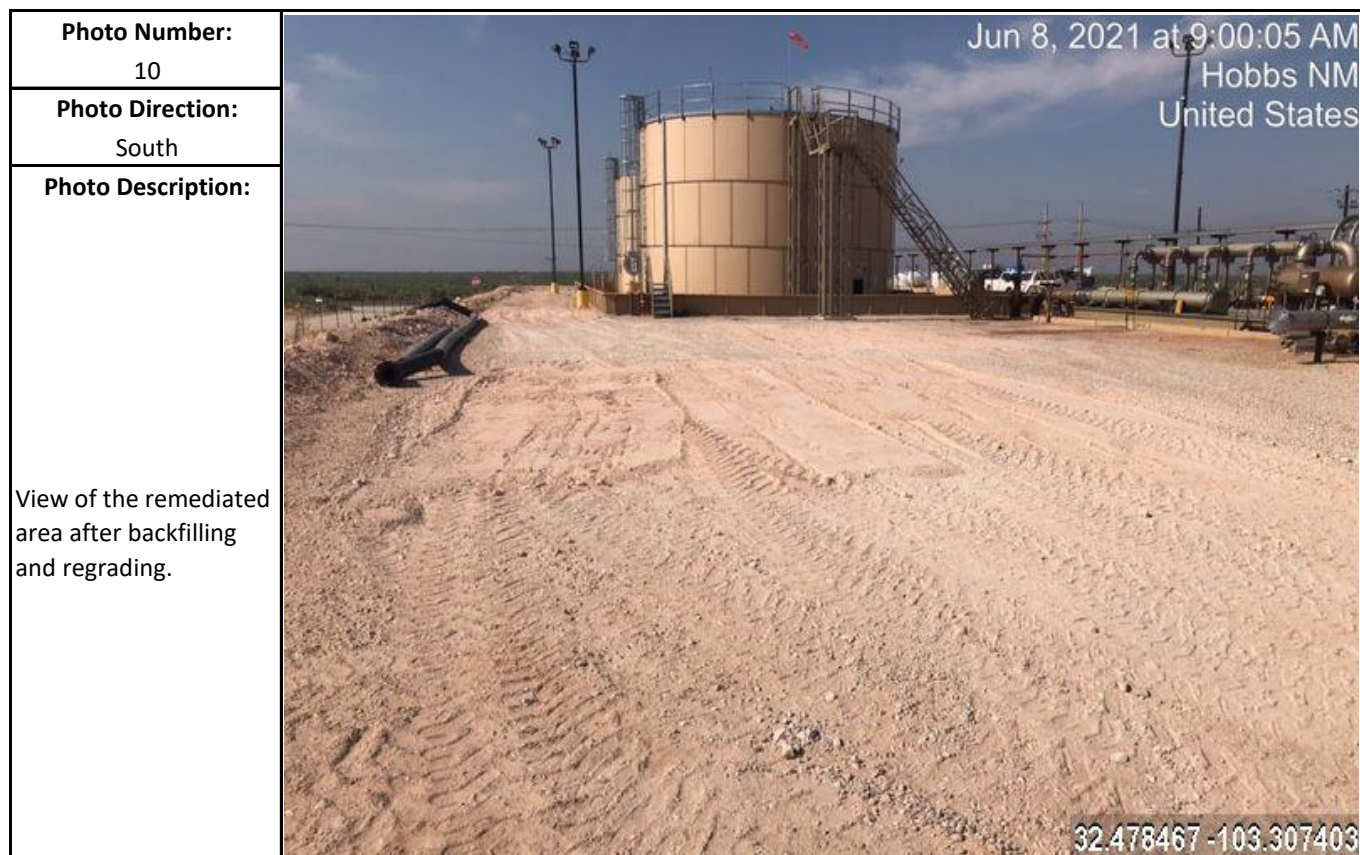
Photo Number: 5	
Photo Direction: East	
Photo Description: View of the excavated area.	

Photo Number: 6	
Photo Direction: Southeast	
Photo Description: View of the excavated area.	

Photographic Log



Photographic Log



Photographic Log



Appendix D

Laboratory Analytical Reports

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Santos Montoya
Premier Energy Services
2815 W. Industrial Ave
Midland, TX 79701

Project: Goodnight Midstream - Wrigley SWD

Project Number: [none]

Location: Lea County, NM

Lab Order Number: 9G05002



NELAP/TCEQ # T104704516-18-9

Report Date: 07/12/19

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NCF #1 @ 0-6"	9G05002-01	Soil	07/03/19 17:30	07-05-2019 08:01
NWCF #2 @ 0-6"	9G05002-02	Soil	07/03/19 17:30	07-05-2019 08:01
NWF #3 @ 0-6"	9G05002-03	Soil	07/03/19 17:30	07-05-2019 08:01
Electric Panel #4 @ 0-6"	9G05002-04	Soil	07/03/19 17:30	07-05-2019 08:01
Trans Smp #5 @ 0-6"	9G05002-05	Soil	07/03/19 17:30	07-05-2019 08:01
West Center #7 @ 0-6"	9G05002-06	Soil	07/03/19 17:30	07-05-2019 08:01
South Center #8 @ 0-6"	9G05002-07	Soil	07/03/19 17:30	07-05-2019 08:01
Center #9 @ 0-6"	9G05002-08	Soil	07/03/19 17:30	07-05-2019 08:01
Center #10 @ 0-6"	9G05002-09	Soil	07/03/19 17:30	07-05-2019 08:01
Discharge SMP #11 @ 0-6"	9G05002-10	Soil	07/03/19 17:30	07-05-2019 08:01
South East SMP #12 @ 0-6"	9G05002-11	Soil	07/03/19 17:30	07-05-2019 08:01
NE SMP #13 @ 0-6"	9G05002-12	Soil	07/03/19 17:30	07-05-2019 08:01
NE SMP #14 @ 0-6"	9G05002-13	Soil	07/03/19 17:30	07-05-2019 08:01

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NCF #1 @ 0-6"**9G05002-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

Chloride	10900	54.9	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0
% Moisture	9.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NWCF #2 @ 0-6"**9G05002-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

Chloride	8840	27.5	mg/kg dry	25	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	9.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NWF #3 @ 0-6"
9G05002-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	14500	54.3	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	8.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Electric Panel #4 @ 0-6"
9G05002-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	21200	54.3	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	8.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Trans Smp #5 @ 0-6"
9G05002-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	9320	51.5	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services 2815 W. Industrial Ave Midland TX, 79701	Project: Goodnight Midstream - Wrigley SWD Project Number: [none] Project Manager: Santos Montoya	Fax:
--	---	------

West Center #7 @ 0-6"
9G05002-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods									
Chloride	20300	54.3	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	8.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Premier Energy Services 2815 W. Industrial Ave Midland TX, 79701	Project: Goodnight Midstream - Wrigley SWD Project Number: [none] Project Manager: Santos Montoya	Fax:
--	---	------

South Center #8 @ 0-6"
9G05002-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	12800	51.5	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Center #9 @ 0-6"
9G05002-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	28700	52.1	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	4.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services 2815 W. Industrial Ave Midland TX, 79701	Project: Goodnight Midstream - Wrigley SWD Project Number: [none] Project Manager: Santos Montoya	Fax:
--	---	------

Center #10 @ 0-6"
9G05002-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods									
Chloride	17300	52.6	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	5.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Discharge SMP #11 @ 0-6"
9G05002-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	15800	55.6	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	10.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

South East SMP #12 @ 0-6"
9G05002-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	18500	56.2	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	11.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services 2815 W. Industrial Ave Midland TX, 79701	Project: Goodnight Midstream - Wrigley SWD Project Number: [none] Project Manager: Santos Montoya	Fax:
--	---	------

NE SMP #13 @ 0-6"
9G05002-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	16700	51.0	mg/kg dry	50	P9G1010	07/10/19	07/11/19	EPA 300.0	
% Moisture	2.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services 2815 W. Industrial Ave Midland TX, 79701	Project: Goodnight Midstream - Wrigley SWD Project Number: [none] Project Manager: Santos Montoya	Fax:
--	---	------

NE SMP #14 @ 0-6"
9G05002-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	19700	51.5	mg/kg dry	50	P9G1111	07/11/19	07/11/19	EPA 300.0	
% Moisture	3.0	0.1	%	1	P9G0803	07/08/19	07/08/19	ASTM D2216	

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9G0803 - *** DEFAULT PREP ***										
Blank (P9G0803-BLK1)				Prepared & Analyzed: 07/08/19						
% Moisture	ND	0.1	%							
Duplicate (P9G0803-DUP1)				Source: 9G05002-13		Prepared & Analyzed: 07/08/19				
% Moisture	3.0	0.1	%		3.0			0.00	20	
Batch P9G1010 - *** DEFAULT PREP ***										
Blank (P9G1010-BLK1)				Prepared: 07/10/19 Analyzed: 07/11/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9G1010-BS1)				Prepared: 07/10/19 Analyzed: 07/11/19						
Chloride	196	1.00	mg/kg wet	200		98.0	80-120			
LCS Dup (P9G1010-BSD1)				Prepared: 07/10/19 Analyzed: 07/11/19						
Chloride	190	1.00	mg/kg wet	200		95.2	80-120	2.85	20	
Calibration Blank (P9G1010-CCB1)				Prepared: 07/10/19 Analyzed: 07/11/19						
Chloride	0.00		mg/kg wet							
Calibration Blank (P9G1010-CCB2)				Prepared: 07/10/19 Analyzed: 07/11/19						
Chloride	0.00		mg/kg wet							
Calibration Check (P9G1010-CCV1)				Prepared: 07/10/19 Analyzed: 07/11/19						
Chloride	9.68		mg/kg	10.0		96.8	0-200			
Calibration Check (P9G1010-CCV2)				Prepared: 07/10/19 Analyzed: 07/11/19						
Chloride	10.1		mg/kg	10.0		101	0-200			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9G1010 - * DEFAULT PREP *******Calibration Check (P9G1010-CCV3)**

Prepared: 07/10/19 Analyzed: 07/11/19

Chloride	10.1		mg/kg	10.0		101	0-200			
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Matrix Spike (P9G1010-MS1)**Source: 9G03002-21**

Prepared: 07/10/19 Analyzed: 07/11/19

Chloride	27200	51.5	mg/kg dry	5150	21300	114	80-120			
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Matrix Spike (P9G1010-MS2)**Source: 9G05002-03**

Prepared: 07/10/19 Analyzed: 07/11/19

Chloride	19700	54.3	mg/kg dry	5430	14500	96.9	80-120			
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Matrix Spike Dup (P9G1010-MSD1)**Source: 9G03002-21**

Prepared: 07/10/19 Analyzed: 07/11/19

Chloride	27100	51.5	mg/kg dry	5150	21300	113	80-120	0.305	20	
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Matrix Spike Dup (P9G1010-MSD2)**Source: 9G05002-03**

Prepared: 07/10/19 Analyzed: 07/11/19

Chloride	19400	54.3	mg/kg dry	5430	14500	90.8	80-120	1.71	20	
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Batch P9G1111 - * DEFAULT PREP *******Blank (P9G1111-BLK1)**

Prepared & Analyzed: 07/11/19

Chloride	ND	1.00	mg/kg wet							
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LCS (P9G1111-BS1)

Prepared & Analyzed: 07/11/19

Chloride	195	1.00	mg/kg wet	200		97.4	80-120			
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LCS Dup (P9G1111-BSD1)

Prepared & Analyzed: 07/11/19

Chloride	200	1.00	mg/kg wet	200		100	80-120	2.82	20	
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Calibration Blank (P9G1111-CCB1)

Prepared & Analyzed: 07/11/19

Chloride	0.00		mg/kg wet							
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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9G1111 - *** DEFAULT PREP ***										
Calibration Blank (P9G1111-CCB2)				Prepared & Analyzed: 07/11/19						
Chloride	0.00		mg/kg wet							
Calibration Check (P9G1111-CCV1)				Prepared & Analyzed: 07/11/19						
Chloride	10.1		mg/kg	10.0		101	0-200			
Calibration Check (P9G1111-CCV2)				Prepared & Analyzed: 07/11/19						
Chloride	9.60		mg/kg	10.0		96.0	0-200			
Calibration Check (P9G1111-CCV3)				Prepared: 07/11/19 Analyzed: 07/12/19						
Chloride	10.1		mg/kg	10.0		101	0-200			
Matrix Spike (P9G1111-MS1)				Source: 9G11003-01 Prepared & Analyzed: 07/11/19						
Chloride	573	1.00	mg/kg dry	500	58.9	103	80-120			
Matrix Spike (P9G1111-MS2)				Source: 9G09022-02 Prepared & Analyzed: 07/11/19						
Chloride	14800	57.5	mg/kg dry	5750	9610	89.7	80-120			
Matrix Spike Dup (P9G1111-MSD1)				Source: 9G11003-01 Prepared & Analyzed: 07/11/19						
Chloride	541	1.00	mg/kg dry	500	58.9	96.4	80-120	5.72	20	
Matrix Spike Dup (P9G1111-MSD2)				Source: 9G09022-02 Prepared & Analyzed: 07/11/19						
Chloride	15100	57.5	mg/kg dry	5750	9610	95.1	80-120	2.10	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Notes and Definitions

BULK Samples received in Bulk soil containers
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date:

7/12/2019

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

PBI LAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235

Project Manager:

SANTOS MONTOYA A

Company Name

GOODNIGHT MIDSTREAM

Company Address:

5910 NORTH CENTRAL EXPRESSWAY SUITE 850

City/State/Zip:

DALLAS TEXAS 75206

Telephone No:

214-347-4450

Fax No:

Sampler Signature:

Sch Mont

e-mail:

Project Name:

WRIGLEY SWD

Project #:

Project Loc:

LEA COUNTY

PO #:

Report Format:

☐ Standard☐ TRRP☐ NPDES

(lab use only)
ORDER # 9608002

FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Petroleum Specify Other	TPH: TX 1005 TX 1006	Anions (Cl, SO ₄ , Alkalinity) BTEX 8021B/5030 or BTEX 8260
1	NCF #1	6	6'	7/3/19 6:44 PM	5:30pm		1	X								S		X
2	NWCF #2																	
3	NWF #3																	
4	Electric Panel #4																	
5	Trans SMP #5																	
6	West Center #7																	
7	South Center #8																	
8	Center #9																	
9	Center #10																	
10	Discharge SMP #11																	

RUSH TAT (pre-schedule) 24, 48, 72 hrs	Standard TAT

Special Instructions:

Relinquished by:

Sch Mont

Date

7/5/19

Time

0730

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Received by: [Signature]
Date: 7/5/19 Time: 7:30
Received by: [Signature]
Date: 7/5/19 Time: 7:30
Received by: [Signature]
Date: 7/5/19 Time: 7:30

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235

Project Manager:

Santos Montoya A

Company Name

GOODNIGHT MIDSTREAM

Company Address:

5910 NORTH CENTRAL EXPRESSWAY SUITE 850

City/State/Zip:

DALLAS TEXAS 75206

Telephone No:

214-3474450

Fax No:

Sampler Signature:

[Signature]

e-mail:

Project Name:

WRIGLEY SWD

Project #:

Project Loc:

LEA County

PO #:

Report Format

☐ Standard☐ TRRP☐ NPDES

ORDER # 9605002

FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: TX 1006 TX 1008	Anion: ☒ SO ₄ , Alkalinity	BTX 8021B/5030 or BTX 8260	
12	South East Smp #12	0	6"	7/3/19	530PM		1	1										X		
13	NE Smp #13	↓	↓	↓	↓		1	1										↓		
14	NE Smp #14	↓	↓	↓	↓		1	1										↓		

Special Instructions:

Relinquished by:

Santos Montoya

Date

7/5/19

Time

0730

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Santos Montoya
Premier Energy Services
2815 W. Industrial Ave
Midland, TX 79701

Project: Goodnight Midstream - Wrigley SWD

Project Number: [none]

Location: Eunice, NM

Lab Order Number: 9I12007



NELAP/TCEQ # T104704516-18-9

Report Date: 09/19/19

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SE #12 @ 12"	9I12007-01	Soil	09/11/19 11:05	09-12-2019 08:50
NE #13 @ 12"	9I12007-02	Soil	09/11/19 11:05	09-12-2019 08:50
NE #14 @ 12"	9I12007-03	Soil	09/11/19 11:05	09-12-2019 08:50

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

SE #12 @ 12"**9I12007-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	10.0	0.1	%	1	P9I1301	09/13/19	09/13/19	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.8	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
>C12-C28	ND	27.8	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
>C28-C35	ND	27.8	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
Surrogate: 1-Chlorooctane		95.1 %	70-130		P9I1611	09/16/19	09/19/19	TPH 8015M
Surrogate: o-Terphenyl		102 %	70-130		P9I1611	09/16/19	09/19/19	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	09/16/19	09/19/19	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NE #13 @ 12"

9I12007-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	P9I1301	09/13/19	09/13/19	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.9	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
>C12-C28	ND	26.9	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
>C28-C35	ND	26.9	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
Surrogate: 1-Chlorooctane		94.4 %	70-130		P9I1611	09/16/19	09/19/19	TPH 8015M
Surrogate: o-Terphenyl		104 %	70-130		P9I1611	09/16/19	09/19/19	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/16/19	09/19/19	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NE #14 @ 12"**9I12007-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	11.0	0.1	%	1	P9I1301	09/13/19	09/13/19	ASTM D2216
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.1	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
>C12-C28	ND	28.1	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
>C28-C35	ND	28.1	mg/kg dry	1	P9I1611	09/16/19	09/19/19	TPH 8015M
Surrogate: 1-Chlorooctane		97.9 %	70-130		P9I1611	09/16/19	09/19/19	TPH 8015M
Surrogate: o-Terphenyl		109 %	70-130		P9I1611	09/16/19	09/19/19	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	09/16/19	09/19/19	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9I1301 - *** DEFAULT PREP ***										
Blank (P9I1301-BLK1)	Prepared & Analyzed: 09/13/19									
% Moisture	ND	0.1	%							
Duplicate (P9I1301-DUP1)	Source: 9I12001-06 Prepared & Analyzed: 09/13/19									
% Moisture	16.0	0.1	%		15.0			6.45	20	
Duplicate (P9I1301-DUP2)	Source: 9I12001-01 Prepared & Analyzed: 09/13/19									
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P9I1301-DUP3)	Source: 9I12001-15 Prepared & Analyzed: 09/13/19									
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P9I1301-DUP4)	Source: 9I12001-28 Prepared & Analyzed: 09/13/19									
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P9I1301-DUP5)	Source: 9I12004-16 Prepared & Analyzed: 09/13/19									
% Moisture	ND	0.1	%		ND				20	
Duplicate (P9I1301-DUP6)	Source: 9I12005-11 Prepared & Analyzed: 09/13/19									
% Moisture	19.0	0.1	%		18.0			5.41	20	
Duplicate (P9I1301-DUP7)	Source: 9I12005-38 Prepared & Analyzed: 09/13/19									
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P9I1301-DUP8)	Source: 9I12012-01 Prepared & Analyzed: 09/13/19									
% Moisture	ND	0.1	%		ND				20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P9I1611 - TX 1005**Blank (P9I1611-BLK1)**

Prepared: 09/16/19 Analyzed: 09/19/19

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	106		"	100		106	70-130			
Surrogate: o-Terphenyl	55.9		"	50.0		112	70-130			

LCS (P9I1611-BS1)

Prepared: 09/16/19 Analyzed: 09/19/19

C6-C12	1010	25.0	mg/kg wet	1000		101	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	53.1		"	50.0		106	70-130			

LCS Dup (P9I1611-BS1)

Prepared: 09/16/19 Analyzed: 09/19/19

C6-C12	1010	25.0	mg/kg wet	1000		101	75-125	0.282	20	
>C12-C28	1090	25.0	"	1000		109	75-125	0.813	20	
Surrogate: 1-Chlorooctane	123		"	100		123	70-130			
Surrogate: o-Terphenyl	54.7		"	50.0		109	70-130			

Calibration Blank (P9I1611-CCB1)

Prepared: 09/16/19 Analyzed: 09/19/19

C6-C12	8.09		mg/kg wet							
>C12-C28	21.5		"							
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	56.0		"	50.0		112	70-130			

Calibration Check (P9I1611-CCV1)

Prepared: 09/16/19 Analyzed: 09/19/19

C6-C12	501	25.0	mg/kg wet	500		100	85-115			
>C12-C28	503	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	49.7		"	50.0		99.3	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Notes and Definitions

ROI	Received on Ice
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:



Date:

9/19/2019

Brent Barron, Laboratory Director/Technical Director

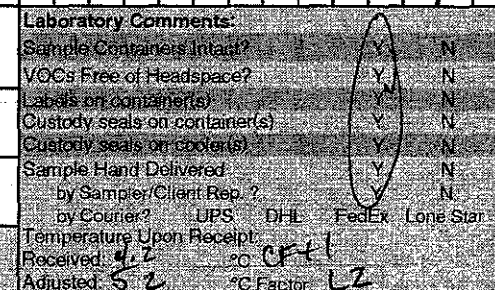
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1400 Rankin HWY Midland, TX 79701 432-686-7235



**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Santos Montoya
Premier Energy Services
2815 W. Industrial Ave
Midland, TX 79701

Project: Goodnight Midstream - Wrigley SWD

Project Number: [none]

Location: Wrigley SWD

Lab Order Number: 0E20002



NELAP/TCEQ # T104704516-18-9

Report Date: 05/26/20

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NCF #1 @ 12"-14"	0E20002-01	Soil	05/19/20 15:06	05-20-2020 09:42
NWCF #2 @ 12"-14"	0E20002-02	Soil	05/19/20 15:12	05-20-2020 09:42
NWF #3 @ 12"-14"	0E20002-03	Soil	05/19/20 15:20	05-20-2020 09:42
Electric Panel # 4 @ 12"-14"	0E20002-04	Soil	05/19/20 15:29	05-20-2020 09:42
Trans SMP #5 @ 12"-14"	0E20002-05	Soil	05/19/20 15:36	05-20-2020 09:42
West Center #7 @ 12"-14"	0E20002-06	Soil	05/19/20 15:44	05-20-2020 09:42
South Center #8 @ 12"-14"	0E20002-07	Soil	05/19/20 15:56	05-20-2020 09:42
Center #9 @ 12"-14"	0E20002-08	Soil	05/19/20 16:08	05-20-2020 09:42
Center #10 @ 12"-14"	0E20002-09	Soil	05/19/20 16:20	05-20-2020 09:42
Discharge SMP #11 @ 12"-14"	0E20002-10	Soil	05/19/20 16:28	05-20-2020 09:42
SE SMP #12 @ 12"-14"	0E20002-11	Soil	05/19/20 16:36	05-20-2020 09:42
NE SMP #13 @ 12"-14"	0E20002-12	Soil	05/19/20 16:42	05-20-2020 09:42
NE SMP #14 @ 12"-14"	0E20002-13	Soil	05/19/20 16:50	05-20-2020 09:42

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NCF #1 @ 12"-14"
0E20002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	48.3	1.09	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 01:51	EPA 300.0	
% Moisture	8.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NWCF #2 @ 12"-14"**0E20002-02 (Soil)**

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

Chloride	1430	5.43	mg/kg dry	5	P0E2112	05/21/20 15:54	05/22/20 02:07	EPA 300.0
% Moisture	8.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NWF #3 @ 12"-14"**0E20002-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

Chloride	220	1.08	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 02:55	EPA 300.0	
% Moisture	7.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Electric Panel # 4 @ 12"-14"
0E20002-04 (Soil)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	59.6	1.09	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 03:10	EPA 300.0
% Moisture	8.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216

Permian Basin Environmental Lab, L.P.

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2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Trans SMP #5 @ 12"-14"
0E20002-05 (Soil)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	42.1	1.08	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 03:26	EPA 300.0
% Moisture	7.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216

Permian Basin Environmental Lab, L.P.

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Premier Energy Services 2815 W. Industrial Ave Midland TX, 79701	Project: Goodnight Midstream - Wrigley SWD Project Number: [none] Project Manager: Santos Montoya	Fax:
--	---	------

West Center #7 @ 12"-14"
0E20002-06 (Soil)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods									
Chloride	266	1.08	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 03:42	EPA 300.0	
% Moisture	7.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

South Center #8 @ 12"-14"
0E20002-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	74.0	1.06	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 03:58	EPA 300.0	
% Moisture	6.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Center #9 @ 12"-14"**0E20002-08 (Soil)**

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

Chloride	31.1	1.08	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 04:13	EPA 300.0	
% Moisture	7.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Center #10 @ 12"-14"
0E20002-09 (Soil)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	63.7	1.06	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 04:29	EPA 300.0	
% Moisture	6.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Discharge SMP #11 @ 12"-14"
0E20002-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	22.3	1.10	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 04:45	EPA 300.0	
% Moisture	9.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

SE SMP #12 @ 12"-14"
0E20002-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	132	1.09	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 05:32	EPA 300.0	
% Moisture	8.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NE SMP #13 @ 12"-14"**0E20002-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**General Chemistry Parameters by EPA / Standard Methods**

Chloride	97.8	1.05	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 05:48	EPA 300.0	
% Moisture	5.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

NE SMP #14 @ 12"-14"
0E20002-13 (Soil)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	32.6	1.04	mg/kg dry	1	P0E2112	05/21/20 15:54	05/22/20 06:04	EPA 300.0	
% Moisture	4.0	0.1	%	1	P0E2103	05/21/20 09:40	05/21/20 09:45	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2103 - *** DEFAULT PREP ***										
Blank (P0E2103-BLK1)				Prepared & Analyzed: 05/21/20						
% Moisture	ND	0.1	%							
Duplicate (P0E2103-DUP1)				Source: 0E20004-01 Prepared & Analyzed: 05/21/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0E2103-DUP2)				Source: 0E20010-06 Prepared & Analyzed: 05/21/20						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P0E2103-DUP3)				Source: 0E20012-13 Prepared & Analyzed: 05/21/20						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0E2103-DUP4)				Source: 0E20015-01 Prepared & Analyzed: 05/21/20						
% Moisture	6.0	0.1	%		5.0			18.2	20	
Batch P0E2112 - *** DEFAULT PREP ***										
LCS (P0E2112-BS1)				Prepared: 05/21/20 Analyzed: 05/22/20						
Chloride	413	1.00	mg/kg wet	400		103	80-120			
LCS Dup (P0E2112-BSD1)				Prepared: 05/21/20 Analyzed: 05/22/20						
Chloride	408	1.00	mg/kg wet	400		102	80-120	1.31	20	
Calibration Check (P0E2112-CCV1)				Prepared: 05/21/20 Analyzed: 05/22/20						
Chloride	20.7		mg/kg	20.0		103	0-200			
Calibration Check (P0E2112-CCV2)				Prepared: 05/21/20 Analyzed: 05/22/20						
Chloride	21.1		mg/kg	20.0		105	0-200			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0E2112 - * DEFAULT PREP *****

Calibration Check (P0E2112-CCV3)

Prepared: 05/21/20 Analyzed: 05/22/20

Chloride	20.4		mg/kg	20.0		102	0-200		
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Matrix Spike (P0E2112-MS1)

Source: 0E20002-02

Prepared: 05/21/20 Analyzed: 05/22/20

Chloride	2020	5.43	mg/kg dry	543	1430	108	80-120		
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Matrix Spike (P0E2112-MS2)

Source: 0E20010-09

Prepared: 05/21/20 Analyzed: 05/22/20

Chloride	5380	10.3	mg/kg dry	1030	4250	110	80-120		
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Matrix Spike Dup (P0E2112-MSD1)

Source: 0E20002-02

Prepared: 05/21/20 Analyzed: 05/22/20

Chloride	2000	5.43	mg/kg dry	543	1430	105	80-120	0.646	20
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Matrix Spike Dup (P0E2112-MSD2)

Source: 0E20010-09

Prepared: 05/21/20 Analyzed: 05/22/20

Chloride	5410	10.3	mg/kg dry	1030	4250	113	80-120	0.631	20
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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Premier Energy Services
2815 W. Industrial Ave
Midland TX, 79701

Project: Goodnight Midstream - Wrigley SWD
Project Number: [none]
Project Manager: Santos Montoya

Fax:

Notes and Definitions

ROI Received on Ice
BULK Samples received in Bulk soil containers
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date:

5/26/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-888-7235

LOS CK pg 1 of 2

Project Manager:

Santos Montoya

Project Name:

Crooknight Midstream

Company Name:

Premier Energy Services

Project #:

Company Address:

Project Loc:

Wrigley SWD

City/State/Zip:

PO #:

Mike Wilson

Telephone No:

Fax No:

Report Format:

☒ Standard☐ TRRP☐ NPDES

Sampler Signature:

S.M.A.

e-mail:

sMontoya@premierenergyspb.com

(lab use only)

ORDER #: DE20002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water	SL=Sludge	GW=Groundwater	S=Soil/Solid	NP=Non-Potable	Specify Other	TPH: TX 1005	TX 1008	Anions (Cl, SO ₄ , Alkalinity)	BTEX X 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	NCF #1	12"	14"	5/19/20	3:06 PM																			X			✓
2	NWCF #2				3:12 PM																						
3	NWF #3				3:20 PM																						
4	Electric panel #4				3:29 PM																						
5	Trans SMP #5				3:36 PM																						
6	West Center #2				3:44 PM																						
7	South Center #8				3:56 PM																						
8	Center #9				4:08 PM																						
9	Center #10				4:20 PM																						
10	Discharge SMP #11				4:28 PM																						

Special Instructions:

Laboratory Comments:

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by PBEL

Date

Time

Sample Containers Intact? ☒ Y ☐ N
 VOCs Free of Headspace? ☒ Y ☐ N
 Labels on container(s) ☒ Y ☐ N
 Custody seals on container(s) ☒ Y ☐ N
 Custody seals on cooler(s) ☒ Y ☐ N
 Sample Hand-Delivered ☒ Y ☐ N
 by Sampler/Client Rep.? ☒ Y ☐ N
 by Courier? ☐ UPS ☐ DHL ☐ FedEx ☐ Lone Star
 Temperature Upon Receipt: ☒ °C ☐ °F
 Adjusted: ☒ °C Factor: ☐



Feeder	Long	Short
Y	N	
Y	N	
Y	N	
Y	N	
Y	N	
Y	N	
Y	N	
Y	N	

Feeder Long Short

1

2



Certificate of Analysis Summary 668591

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Wrigley SWD

Project Id: 12795
Contact: PM
Project Location: Lea County, NM

Date Received in Lab: Thu 07.30.2020 10:40
Report Date: 08.04.2020 22:20
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	668591-001	668591-002	668591-003	668591-004	668591-005	668591-006
	<i>Field Id:</i>	NH @ Surface	NH @ 1'	EH @ Surface	EH @ 1'	SH @ Surface	SH @ 1'
	<i>Depth:</i>		1- ft		1- ft		1- ft
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	07.27.2020 00:00	07.27.2020 00:00	07.27.2020 00:00	07.27.2020 00:00	07.27.2020 00:00	07.27.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	08.03.2020 14:00	08.03.2020 14:00	08.03.2020 14:00	08.03.2020 14:00	08.03.2020 14:00	08.03.2020 14:00
	<i>Analyzed:</i>	08.04.2020 02:03	08.04.2020 02:24	08.04.2020 02:44	08.04.2020 03:05	08.04.2020 03:25	08.04.2020 03:46
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199
Toluene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199
Ethylbenzene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199
m,p-Xylenes		<0.00398 0.00398	<0.00398 0.00398	<0.00401 0.00401	<0.00402 0.00402	<0.00398 0.00398	<0.00398 0.00398
o-Xylene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199
Total Xylenes		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199
Total BTEX		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199
Chloride by EPA 300	<i>Extracted:</i>	07.30.2020 15:45	07.30.2020 15:45	07.30.2020 15:45	07.30.2020 15:45	07.30.2020 15:45	07.30.2020 15:45
	<i>Analyzed:</i>	07.30.2020 17:08	07.30.2020 17:14	07.30.2020 17:20	07.30.2020 17:26	07.30.2020 17:32	07.30.2020 17:38
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<5.00 5.00	<4.98 4.98	6.41 5.03	24.8 4.98	19.8 5.04	30.5 X 4.97
TPH By SW8015 Mod	<i>Extracted:</i>	07.30.2020 17:00	07.30.2020 17:00	07.30.2020 17:00	07.30.2020 17:00	07.30.2020 17:00	07.30.2020 17:00
	<i>Analyzed:</i>	07.30.2020 22:57	07.30.2020 23:54	07.31.2020 00:13	07.31.2020 00:32	07.31.2020 00:51	07.31.2020 01:10
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.8 49.8	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.8 49.8	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.8 49.8	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.8 49.8	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 668591

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Wrigley SWD

Project Id: 12795
Contact: PM
Project Location: Lea County, NM

Date Received in Lab: Thu 07.30.2020 10:40
Report Date: 08.04.2020 22:20
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	668591-007	668591-008	668591-009	668591-010		
	<i>Field Id:</i>	WH @ Surface	WH @ 1'	NCF #2 @ 1'	NCF #2 @ 2'		
	<i>Depth:</i>		1- ft	1- ft	2- ft		
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	07.27.2020 00:00	07.27.2020 00:00	07.27.2020 00:00	07.27.2020 00:00		
BTEX by EPA 8021B	<i>Extracted:</i>	08.03.2020 14:00	08.03.2020 14:00	08.03.2020 14:00	08.03.2020 14:00		
	<i>Analyzed:</i>	08.04.2020 04:06	08.04.2020 04:26	08.04.2020 04:47	08.04.2020 05:07		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200		
Toluene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200		
Ethylbenzene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200		
m,p-Xylenes		<0.00397 0.00397	<0.00399 0.00399	<0.00398 0.00398	<0.00399 0.00399		
o-Xylene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200		
Total Xylenes		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200		
Total BTEX		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200		
Chloride by EPA 300	<i>Extracted:</i>	07.30.2020 15:45	07.30.2020 15:45	07.30.2020 15:45	07.30.2020 15:45		
	<i>Analyzed:</i>	07.30.2020 17:57	07.30.2020 18:03	07.30.2020 18:21	07.30.2020 18:27		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		70.6 5.05	15.9 4.98	15.9 5.00	<5.03 5.03		
TPH By SW8015 Mod	<i>Extracted:</i>	07.30.2020 17:00	07.30.2020 17:00	07.30.2020 17:00	07.30.2020 17:00		
	<i>Analyzed:</i>	07.31.2020 01:28	07.31.2020 01:47	07.31.2020 02:06	07.31.2020 06:48		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.8 49.8	<49.8 49.8	<50.0 50.0		
Diesel Range Organics (DRO)		<49.9 49.9	<49.8 49.8	<49.8 49.8	<50.0 50.0		
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.8 49.8	<49.8 49.8	<50.0 50.0		
Total TPH		<49.9 49.9	<49.8 49.8	<49.8 49.8	<50.0 50.0		

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Analytical Report 668591

for

Etech Environmental & Safety Solution, Inc

Project Manager: PM

Wrigley SWD

12795

08.04.2020

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-36), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-25), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-17)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-22)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNi02385): Texas (T104704534-20-7)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)



08.04.2020

Project Manager: **PM**

Etech Environmental & Safety Solution, Inc

P.O. Box 62228

Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **668591**

Wrigley SWD

Project Address: Lea County, NM

PM :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 668591. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 668591 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink that reads "Jessica Kramer".

Jessica Kramer

Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

**Sample Cross Reference 668591****Etech Environmental & Safety Solution, Inc, Midland, TX**

Wrigley SWD

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
NH @ Surface	S	07.27.2020 00:00		668591-001
NH @ 1'	S	07.27.2020 00:00	1 ft	668591-002
EH @ Surface	S	07.27.2020 00:00		668591-003
EH @ 1'	S	07.27.2020 00:00	1 ft	668591-004
SH @ Surface	S	07.27.2020 00:00		668591-005
SH @ 1'	S	07.27.2020 00:00	1 ft	668591-006
WH @ Surface	S	07.27.2020 00:00		668591-007
WH @ 1'	S	07.27.2020 00:00	1 ft	668591-008
NCF #2 @ 1'	S	07.27.2020 00:00	1 ft	668591-009
NCF #2 @ 2'	S	07.27.2020 00:00	2 ft	668591-010

**CASE NARRATIVE****Client Name: Etech Environmental & Safety Solution, Inc****Project Name: Wrigley SWD**Project ID: 12795
Work Order Number(s): 668591Report Date: 08.04.2020
Date Received: 07.30.2020**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3133122 Chloride by EPA 300

Lab Sample ID 668591-006 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 668591-001, -002, -003, -004, -005, -006, -007, -008, -009, -010. The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3133199 TPH By SW8015 Mod

Surrogate 1-Chlorooctane recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 668591-008.

Batch: LBA-3133452 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected. Samples affected are: 668591-005,668591-006,668591-010,668591-009,668591-007.



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **NH @ Surface** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-001 Date Collected: 07.27.2020 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	07.30.2020 17:08	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.30.2020 22:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.30.2020 22:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.30.2020 22:57	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.30.2020 22:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	07.30.2020 22:57	
o-Terphenyl	84-15-1	116	%	70-130	07.30.2020 22:57	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **NH @ Surface**

Matrix: Soil

Date Received: 07.30.2020 10:40

Lab Sample Id: 668591-001

Date Collected: 07.27.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: AMF

% Moisture:

Analyst: AMF

Date Prep: 08.03.2020 14:00

Basis: Wet Weight

Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	08.04.2020 02:03	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	08.04.2020 02:03	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	08.04.2020 02:03	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	08.04.2020 02:03	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	08.04.2020 02:03	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	08.04.2020 02:03	U	1
Total BTEX		<0.00199	0.00199	mg/kg	08.04.2020 02:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	107	%	70-130	08.04.2020 02:03		
4-Bromofluorobenzene	460-00-4	124	%	70-130	08.04.2020 02:03		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **NH @ 1'** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-002 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	07.30.2020 17:14	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.30.2020 23:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.30.2020 23:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.30.2020 23:54	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.30.2020 23:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-130	07.30.2020 23:54	
o-Terphenyl	84-15-1	119	%	70-130	07.30.2020 23:54	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **NH @ 1'** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-002 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A
 Tech: AMF % Moisture:
 Analyst: AMF Date Prep: 08.03.2020 14:00 Basis: Wet Weight
 Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	08.04.2020 02:24	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	08.04.2020 02:24	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	08.04.2020 02:24	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	08.04.2020 02:24	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	08.04.2020 02:24	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	08.04.2020 02:24	U	1
Total BTEX		<0.00199	0.00199	mg/kg	08.04.2020 02:24	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	128	%	70-130	08.04.2020 02:24		
1,4-Difluorobenzene	540-36-3	105	%	70-130	08.04.2020 02:24		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **EH @ Surface** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-003 Date Collected: 07.27.2020 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	6.41	5.03	mg/kg	07.30.2020 17:20		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	07.31.2020 00:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	07.31.2020 00:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	07.31.2020 00:13	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	07.31.2020 00:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-130	07.31.2020 00:13	
o-Terphenyl	84-15-1	121	%	70-130	07.31.2020 00:13	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **EH @ Surface**

Matrix: Soil

Date Received: 07.30.2020 10:40

Lab Sample Id: 668591-003

Date Collected: 07.27.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: AMF

% Moisture:

Analyst: AMF

Date Prep: 08.03.2020 14:00

Basis: Wet Weight

Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	08.04.2020 02:44	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	08.04.2020 02:44	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	08.04.2020 02:44	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	08.04.2020 02:44	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	08.04.2020 02:44	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	08.04.2020 02:44	U	1
Total BTEX		<0.00200	0.00200	mg/kg	08.04.2020 02:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	104	%	70-130	08.04.2020 02:44		
4-Bromofluorobenzene	460-00-4	130	%	70-130	08.04.2020 02:44		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **EH @ 1'** Matrix: **Soil** Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-004 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: **CHE** % Moisture:
 Analyst: **CHE** Date Prep: 07.30.2020 15:45 Basis: **Wet Weight**
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	24.8	4.98	mg/kg	07.30.2020 17:26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: **DVM** % Moisture:
 Analyst: **ARM** Date Prep: 07.30.2020 17:00 Basis: **Wet Weight**
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.31.2020 00:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.31.2020 00:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.31.2020 00:32	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.31.2020 00:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	113	%	70-130	07.31.2020 00:32	
o-Terphenyl	84-15-1	119	%	70-130	07.31.2020 00:32	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **EH @ 1'** Matrix: **Soil** Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-004 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A
 Tech: **AMF** % Moisture:
 Analyst: **AMF** Date Prep: 08.03.2020 14:00 Basis: **Wet Weight**
 Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	08.04.2020 03:05	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	08.04.2020 03:05	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	08.04.2020 03:05	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	08.04.2020 03:05	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	08.04.2020 03:05	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	08.04.2020 03:05	U	1
Total BTEX		<0.00201	0.00201	mg/kg	08.04.2020 03:05	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	125	%	70-130	08.04.2020 03:05		
1,4-Difluorobenzene	540-36-3	105	%	70-130	08.04.2020 03:05		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **SH @ Surface** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-005 Date Collected: 07.27.2020 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	19.8	5.04	mg/kg	07.30.2020 17:32		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	07.31.2020 00:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	07.31.2020 00:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	07.31.2020 00:51	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	07.31.2020 00:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	117	%	70-130	07.31.2020 00:51	
o-Terphenyl	84-15-1	124	%	70-130	07.31.2020 00:51	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **SH @ Surface**

Matrix: Soil

Date Received: 07.30.2020 10:40

Lab Sample Id: 668591-005

Date Collected: 07.27.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: AMF

% Moisture:

Analyst: AMF

Date Prep: 08.03.2020 14:00

Basis: Wet Weight

Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	08.04.2020 03:25	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	08.04.2020 03:25	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	08.04.2020 03:25	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	08.04.2020 03:25	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	08.04.2020 03:25	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	08.04.2020 03:25	U	1
Total BTEX		<0.00199	0.00199	mg/kg	08.04.2020 03:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	135	%	70-130	08.04.2020 03:25	**	
1,4-Difluorobenzene	540-36-3	105	%	70-130	08.04.2020 03:25		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **SH @ 1'** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-006 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	30.5	4.97	mg/kg	07.30.2020 17:38	X	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.31.2020 01:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.31.2020 01:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.31.2020 01:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.31.2020 01:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	07.31.2020 01:10	
o-Terphenyl	84-15-1	117	%	70-130	07.31.2020 01:10	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **SH @ 1'** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-006 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A
 Tech: AMF % Moisture:
 Analyst: AMF Date Prep: 08.03.2020 14:00 Basis: Wet Weight
 Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	08.04.2020 03:46	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	08.04.2020 03:46	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	08.04.2020 03:46	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	08.04.2020 03:46	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	08.04.2020 03:46	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	08.04.2020 03:46	U	1
Total BTEX		<0.00199	0.00199	mg/kg	08.04.2020 03:46	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	106	%	70-130	08.04.2020 03:46		
4-Bromofluorobenzene	460-00-4	136	%	70-130	08.04.2020 03:46	**	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **WH @ Surface** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-007 Date Collected: 07.27.2020 00:00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	70.6	5.05	mg/kg	07.30.2020 17:57		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	07.31.2020 01:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	07.31.2020 01:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	07.31.2020 01:28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	07.31.2020 01:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-130	07.31.2020 01:28	
o-Terphenyl	84-15-1	120	%	70-130	07.31.2020 01:28	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **WH @ Surface**

Matrix: Soil

Date Received: 07.30.2020 10:40

Lab Sample Id: 668591-007

Date Collected: 07.27.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: AMF

% Moisture:

Analyst: AMF

Date Prep: 08.03.2020 14:00

Basis: Wet Weight

Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	08.04.2020 04:06	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	08.04.2020 04:06	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	08.04.2020 04:06	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	08.04.2020 04:06	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	08.04.2020 04:06	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	08.04.2020 04:06	U	1
Total BTEX		<0.00198	0.00198	mg/kg	08.04.2020 04:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	132	%	70-130	08.04.2020 04:06	**	
1,4-Difluorobenzene	540-36-3	105	%	70-130	08.04.2020 04:06		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **WH @ 1'** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-008 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	15.9	4.98	mg/kg	07.30.2020 18:03		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	07.31.2020 01:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	07.31.2020 01:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	07.31.2020 01:47	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	07.31.2020 01:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	68	%	70-130	07.31.2020 01:47	**
o-Terphenyl	84-15-1	72	%	70-130	07.31.2020 01:47	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: **WH @ 1'** Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-008 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A
 Tech: AMF % Moisture:
 Analyst: AMF Date Prep: 08.03.2020 14:00 Basis: Wet Weight
 Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	08.04.2020 04:26	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	08.04.2020 04:26	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	08.04.2020 04:26	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	08.04.2020 04:26	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	08.04.2020 04:26	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	08.04.2020 04:26	U	1
Total BTEX		<0.00200	0.00200	mg/kg	08.04.2020 04:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	118	%	70-130	08.04.2020 04:26		
1,4-Difluorobenzene	540-36-3	114	%	70-130	08.04.2020 04:26		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: NCF #2 @ 1' Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-009 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	15.9	5.00	mg/kg	07.30.2020 18:21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	07.31.2020 02:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	07.31.2020 02:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	07.31.2020 02:06	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	07.31.2020 02:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	116	%	70-130	07.31.2020 02:06	
o-Terphenyl	84-15-1	119	%	70-130	07.31.2020 02:06	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: NCF #2 @ 1' Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-009 Date Collected: 07.27.2020 00:00 Sample Depth: 1 ft
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A
 Tech: AMF % Moisture:
 Analyst: AMF Date Prep: 08.03.2020 14:00 Basis: Wet Weight
 Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	08.04.2020 04:47	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	08.04.2020 04:47	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	08.04.2020 04:47	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	08.04.2020 04:47	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	08.04.2020 04:47	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	08.04.2020 04:47	U	1
Total BTEX		<0.00199	0.00199	mg/kg	08.04.2020 04:47	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	134	%	70-130	08.04.2020 04:47	**	
1,4-Difluorobenzene	540-36-3	104	%	70-130	08.04.2020 04:47		



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: NCF #2 @ 2' Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-010 Date Collected: 07.27.2020 00:00 Sample Depth: 2 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: CHE % Moisture:
 Analyst: CHE Date Prep: 07.30.2020 15:45 Basis: Wet Weight
 Seq Number: 3133122

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	07.30.2020 18:27	U	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM % Moisture:
 Analyst: ARM Date Prep: 07.30.2020 17:00 Basis: Wet Weight
 Seq Number: 3133199

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	07.31.2020 06:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	07.31.2020 06:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	07.31.2020 06:48	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	07.31.2020 06:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	122	%	70-130	07.31.2020 06:48	
o-Terphenyl	84-15-1	129	%	70-130	07.31.2020 06:48	



Certificate of Analytical Results 668591

Etech Environmental & Safety Solution, Inc, Midland, TX Wrigley SWD

Sample Id: NCF #2 @ 2' Matrix: Soil Date Received: 07.30.2020 10:40
 Lab Sample Id: 668591-010 Date Collected: 07.27.2020 00:00 Sample Depth: 2 ft
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5035A
 Tech: AMF % Moisture:
 Analyst: AMF Date Prep: 08.03.2020 14:00 Basis: Wet Weight
 Seq Number: 3133452

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	08.04.2020 05:07	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	08.04.2020 05:07	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	08.04.2020 05:07	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	08.04.2020 05:07	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	08.04.2020 05:07	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	08.04.2020 05:07	U	1
Total BTEX		<0.00200	0.00200	mg/kg	08.04.2020 05:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	107	%	70-130	08.04.2020 05:07		
4-Bromofluorobenzene	460-00-4	140	%	70-130	08.04.2020 05:07	**	

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Etech Environmental & Safety Solution, Inc

Wrigley SWD

Analytical Method: Chloride by EPA 300

Seq Number: 3133122

MB Sample Id: 7708419-1-BLK

Matrix: Solid

LCS Sample Id: 7708419-1-BKS

Prep Method: E300P

Date Prep: 07.30.2020

LCSD Sample Id: 7708419-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	268	107	268	107	90-110	0	20	mg/kg	07.30.2020 16:00	

Analytical Method: Chloride by EPA 300

Seq Number: 3133122

Parent Sample Id: 668553-001

Matrix: Soil

MS Sample Id: 668553-001 S

Prep Method: E300P

Date Prep: 07.30.2020

MSD Sample Id: 668553-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	278	248	550	110	539	105	90-110	2	20	mg/kg	07.30.2020 16:18	

Analytical Method: Chloride by EPA 300

Seq Number: 3133122

Parent Sample Id: 668591-006

Matrix: Soil

MS Sample Id: 668591-006 S

Prep Method: E300P

Date Prep: 07.30.2020

MSD Sample Id: 668591-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	30.5	249	311	113	303	109	90-110	3	20	mg/kg	07.30.2020 17:44	X

Analytical Method: TPH By SW8015 Mod

Seq Number: 3133199

MB Sample Id: 7708453-1-BLK

Matrix: Solid

LCS Sample Id: 7708453-1-BKS

Prep Method: SW8015P

Date Prep: 07.30.2020

LCSD Sample Id: 7708453-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	942	94	1060	106	70-130	12	20	mg/kg	07.30.2020 22:20	
Diesel Range Organics (DRO)	<50.0	1000	890	89	1010	101	70-130	13	20	mg/kg	07.30.2020 22:20	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	105		126		124		70-130	%	07.30.2020 22:20
o-Terphenyl	113		125		130		70-130	%	07.30.2020 22:20

Analytical Method: TPH By SW8015 Mod

Seq Number: 3133199

Matrix: Solid

MB Sample Id: 7708453-1-BLK

Prep Method: SW8015P

Date Prep: 07.30.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	07.30.2020 22:01	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Etech Environmental & Safety Solution, Inc

Wrigley SWD

Analytical Method: TPH By SW8015 Mod

Seq Number: 3133199

Parent Sample Id: 668591-001

Matrix: Soil

MS Sample Id: 668591-001 S

Prep Method: SW8015P

Date Prep: 07.30.2020

MSD Sample Id: 668591-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	936	94	947	95	70-130	1	20	mg/kg	07.30.2020 23:16	
Diesel Range Organics (DRO)	<49.9	997	881	88	895	90	70-130	2	20	mg/kg	07.30.2020 23:16	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	129		129		70-130	%	07.30.2020 23:16
o-Terphenyl	125		124		70-130	%	07.30.2020 23:16

Analytical Method: BTEX by EPA 8021B

Seq Number: 3133452

MB Sample Id: 7708650-1-BLK

Matrix: Solid

LCS Sample Id: 7708650-1-BKS

Prep Method: SW5035A

Date Prep: 08.03.2020

LCSD Sample Id: 7708650-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.106	106	0.103	103	70-130	3	35	mg/kg	08.03.2020 23:41	
Toluene	<0.00200	0.100	0.103	103	0.0994	99	70-130	4	35	mg/kg	08.03.2020 23:41	
Ethylbenzene	<0.00200	0.100	0.103	103	0.0992	99	70-130	4	35	mg/kg	08.03.2020 23:41	
m,p-Xylenes	<0.00400	0.200	0.209	105	0.200	100	70-130	4	35	mg/kg	08.03.2020 23:41	
o-Xylene	<0.00200	0.100	0.103	103	0.0990	99	70-130	4	35	mg/kg	08.03.2020 23:41	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		98		97		70-130	%	08.03.2020 23:41
4-Bromofluorobenzene	111		108		106		70-130	%	08.03.2020 23:41

Analytical Method: BTEX by EPA 8021B

Seq Number: 3133452

Parent Sample Id: 668591-001

Matrix: Soil

MS Sample Id: 668591-001 S

Prep Method: SW5035A

Date Prep: 08.03.2020

MSD Sample Id: 668591-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0957	96	0.0879	89	70-130	8	35	mg/kg	08.03.2020 09:51	
Toluene	<0.00200	0.0998	0.0914	92	0.0810	82	70-130	12	35	mg/kg	08.03.2020 09:51	
Ethylbenzene	<0.00200	0.0998	0.0890	89	0.0758	76	70-130	16	35	mg/kg	08.03.2020 09:51	
m,p-Xylenes	<0.00399	0.200	0.188	94	0.161	81	70-130	15	35	mg/kg	08.03.2020 09:51	
o-Xylene	<0.00200	0.0998	0.0902	90	0.0780	79	70-130	15	35	mg/kg	08.03.2020 09:51	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		102		70-130	%	08.03.2020 09:51
4-Bromofluorobenzene	111		116		70-130	%	08.03.2020 09:51

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Chain of Custody

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, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No:

g: Wlogsa

www.xenco.com

Page 1 of 1

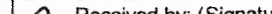
Project Manager:	Joel Lowry	Bill to: (if different)	
Company Name:	Etech Environmental & Safety	Company Name:	Goodnight Midstream
Address:	3100 Plains Highway	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378	Email:	Email Results to PM@etechenv.com + Client

Work Order Comments			
Program:	UST/PST ☐	PRP ☐	Brownfields ☐ RRC ☐ Superfund ☐
State of Project:			
Reporting:	Level I ☐	Level II ☐	PST/US ☐ TRR ☐ Level III ☐
Deliverables:	EDD ☐	ADaPT ☐	Other: ☐

[illegible]

Total	200.7 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas	11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
<i>Circle Method(s) and Metal(s) to be analyzed</i>			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					3:30	7/29	2				
3						4					
5						6					

Revised Date 10/4/19 Rev. 2019.1

ORIGIN ID: H0BA
 * MAIL SERVICES ETC
 400B N GRIMES
 HOBBS NM 88240
 UNITED STATES US

DATE: 29 JUL 20
 ACTWGT: 34.00 LB MAN
 CAD: 0103362/CAFE3313
 DIMS: 24x13x13 IN
 BILL THIRD PARTY

TO XENCO HOLD FOR PICKUP
 FEDEX EXPRESS SHIP CENTER
 FEDEX EXPRESS SHIP CENTER
 3600 COUNTY ROAD 1276 SOUTH
 MIDLAND TX 79711

(432) 704-5440
 INV:
 PO:



TRK# 9061 5134 6452
 0201
41 MAFA



Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I

Date/ Time Received: 07.30.2020 10.40.00 AM

Work Order #: 668591

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4.4
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes BTEX was in bulk container
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:



Brianna Teel

Date: 07.30.2020

Checklist reviewed by:



Jessica Kramer

Date: 07.30.2020



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-2135-1
Laboratory Sample Delivery Group: Goodnight
Client Project/Site: Wrigley SWD

For:
Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: PM List

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
5/17/2021 2:19:20 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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results through
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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Laboratory Job ID: 880-2135-1
SDG: Goodnight

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	16
QC Sample Results	18
QC Association Summary	24
Lab Chronicle	28
Certification Summary	32
Method Summary	33
Sample Summary	34
Chain of Custody	35
Receipt Checklists	37

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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.
α	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
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Job ID: 880-2135-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-2135-1

Comments

No additional comments.

Receipt

The samples were received on 5/13/2021 11:33 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.4° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3053 and analytical batch 880-3051 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-3118 recovered above the upper control limit for Benzene and Toluene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-3118/20).

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDN @ 0-6"

Lab Sample ID: 880-2135-1

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 23:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 23:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 23:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/13/21 14:00	05/13/21 23:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 23:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/13/21 14:00	05/13/21 23:16	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/13/21 14:00	05/13/21 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/13/21 14:00	05/13/21 23:16	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/13/21 14:00	05/13/21 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1
Total TPH	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	05/13/21 16:30	05/13/21 22:28	1
o-Terphenyl	104		70 - 130	05/13/21 16:30	05/13/21 22:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1690		24.9		mg/Kg			05/14/21 16:52	5

Client Sample ID: BCDN @ 1'

Lab Sample ID: 880-2135-2

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 21:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 21:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 21:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/13/21 14:00	05/13/21 21:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 21:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/13/21 14:00	05/13/21 21:12	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/13/21 14:00	05/13/21 21:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/13/21 14:00	05/13/21 21:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/13/21 14:00	05/13/21 21:12	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDN @ 1'

Lab Sample ID: 880-2135-2

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:30	1
Total TPH	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	05/13/21 16:30	05/13/21 23:30	1
o-Terphenyl	118		70 - 130	05/13/21 16:30	05/13/21 23:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	268		4.96		mg/Kg			05/14/21 17:08	1

Client Sample ID: BCDE @ 0-6"

Lab Sample ID: 880-2135-3

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/13/21 14:00	05/13/21 21:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/13/21 14:00	05/13/21 21:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/13/21 14:00	05/13/21 21:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/13/21 14:00	05/13/21 21:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/13/21 14:00	05/13/21 21:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/13/21 14:00	05/13/21 21:33	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/13/21 14:00	05/13/21 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/13/21 14:00	05/13/21 21:33	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/13/21 14:00	05/13/21 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:51	1
Total TPH	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	05/13/21 16:30	05/13/21 23:51	1
o-Terphenyl	107		70 - 130	05/13/21 16:30	05/13/21 23:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	709		4.95		mg/Kg			05/14/21 17:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDE @ 2'

Lab Sample ID: 880-2135-4

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/13/21 14:00	05/13/21 21:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/13/21 14:00	05/13/21 21:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/13/21 14:00	05/13/21 21:53	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/13/21 14:00	05/13/21 21:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/13/21 14:00	05/13/21 21:53	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/13/21 14:00	05/13/21 21:53	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		05/13/21 14:00	05/13/21 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/13/21 14:00	05/13/21 21:53	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/13/21 14:00	05/13/21 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:12	1
Total TPH	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	05/13/21 16:30	05/14/21 00:12	1
o-Terphenyl	106		70 - 130	05/13/21 16:30	05/14/21 00:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		4.99		mg/Kg			05/14/21 17:19	1

Client Sample ID: BCDS @ 0-6"

Lab Sample ID: 880-2135-5

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 22:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 22:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/13/21 14:00	05/13/21 22:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/21 14:00	05/13/21 22:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/13/21 14:00	05/13/21 22:14	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/13/21 14:00	05/13/21 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/13/21 14:00	05/13/21 22:14	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/13/21 14:00	05/13/21 22:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDS @ 0-6"

Lab Sample ID: 880-2135-5

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:32	1
Total TPH	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	05/13/21 16:30	05/14/21 00:32	1
o-Terphenyl	108		70 - 130	05/13/21 16:30	05/14/21 00:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.9		4.95		mg/Kg			05/14/21 17:24	1

Client Sample ID: BCDS @ 1'

Lab Sample ID: 880-2135-6

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 17:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 17:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 17:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 17:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 17:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 17:38	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/13/21 13:35	05/13/21 17:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/13/21 13:35	05/13/21 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:53	1
Total TPH	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/14/21 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	05/13/21 16:30	05/14/21 00:53	1
o-Terphenyl	104		70 - 130	05/13/21 16:30	05/14/21 00:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.0		4.95		mg/Kg			05/14/21 17:40	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDW @ 0-6"

Lab Sample ID: 880-2135-7

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 17:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 17:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 17:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/13/21 13:35	05/13/21 17:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 17:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/13/21 13:35	05/13/21 17:58	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/13/21 13:35	05/13/21 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/13/21 13:35	05/13/21 17:58	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/13/21 13:35	05/13/21 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/14/21 01:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/14/21 01:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/14/21 01:13	1
Total TPH	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/14/21 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	05/13/21 16:30	05/14/21 01:13	1
o-Terphenyl	104		70 - 130	05/13/21 16:30	05/14/21 01:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	934		5.04		mg/Kg			05/14/21 17:46	1

Client Sample ID: BCDW @ 1'

Lab Sample ID: 880-2135-8

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 18:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 18:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 18:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/13/21 13:35	05/13/21 18:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/13/21 13:35	05/13/21 18:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/13/21 13:35	05/13/21 18:18	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/13/21 13:35	05/13/21 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/13/21 13:35	05/13/21 18:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/13/21 13:35	05/13/21 18:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDW @ 1'

Lab Sample ID: 880-2135-8

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:06	1
Total TPH	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	05/13/21 16:30	05/13/21 21:06	1
o-Terphenyl	125		70 - 130	05/13/21 16:30	05/13/21 21:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	292		6.23		mg/Kg			05/14/21 17:51	1

Client Sample ID: SCDN @ 0-6"

Lab Sample ID: 880-2135-9

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 18:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 18:39	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/13/21 13:35	05/13/21 18:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/13/21 13:35	05/13/21 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 21:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 21:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 21:26	1
Total TPH	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	05/13/21 16:30	05/13/21 21:26	1
o-Terphenyl	137	S1+	70 - 130	05/13/21 16:30	05/13/21 21:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	652		5.03		mg/Kg			05/14/21 17:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: SCDN @ 1'

Lab Sample ID: 880-2135-10

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 18:59	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/13/21 13:35	05/13/21 18:59	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/13/21 13:35	05/13/21 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:47	1
Total TPH	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/13/21 16:30	05/13/21 21:47	1
o-Terphenyl	112		70 - 130	05/13/21 16:30	05/13/21 21:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		5.03		mg/Kg			05/14/21 18:02	1

Client Sample ID: SCDE @ 0-6"

Lab Sample ID: 880-2135-11

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/13/21 13:35	05/13/21 19:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/13/21 13:35	05/13/21 19:20	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/13/21 13:35	05/13/21 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/13/21 13:35	05/13/21 19:20	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/13/21 13:35	05/13/21 19:20	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: SCDE @ 0-6"

Lab Sample ID: 880-2135-11

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 22:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 22:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 22:08	1
Total TPH	<49.8	U	49.8		mg/Kg		05/13/21 16:30	05/13/21 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	05/13/21 16:30	05/13/21 22:08	1
o-Terphenyl	113		70 - 130	05/13/21 16:30	05/13/21 22:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6220		50.5		mg/Kg			05/17/21 09:47	10

Client Sample ID: SCDE @ 3'

Lab Sample ID: 880-2135-12

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/13/21 13:35	05/13/21 19:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 19:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/13/21 13:35	05/13/21 19:40	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/13/21 13:35	05/13/21 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	05/13/21 13:35	05/13/21 19:40	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/13/21 13:35	05/13/21 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1
Total TPH	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	05/13/21 16:30	05/13/21 22:28	1
o-Terphenyl	118		70 - 130	05/13/21 16:30	05/13/21 22:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	724		5.04		mg/Kg			05/14/21 18:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: SCDS @ 0-6"

Lab Sample ID: 880-2135-13

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/13/21 13:35	05/13/21 20:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/13/21 13:35	05/13/21 20:00	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		05/13/21 13:35	05/13/21 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	05/13/21 13:35	05/13/21 20:00	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/13/21 13:35	05/13/21 20:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:49	1
Diesel Range Organics (Over C10-C28)	85.2		49.9		mg/Kg		05/13/21 16:30	05/13/21 22:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 22:49	1
Total TPH	85.2		49.9		mg/Kg		05/13/21 16:30	05/13/21 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	05/13/21 16:30	05/13/21 22:49	1
o-Terphenyl	127		70 - 130	05/13/21 16:30	05/13/21 22:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18000		249		mg/Kg			05/14/21 18:29	50

Client Sample ID: SCDS @ 2 1/2'

Lab Sample ID: 880-2135-14

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 2.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:21	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/13/21 13:35	05/13/21 20:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/13/21 13:35	05/13/21 20:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/13/21 13:35	05/13/21 20:21	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/13/21 13:35	05/13/21 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/13/21 13:35	05/13/21 20:21	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/13/21 13:35	05/13/21 20:21	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: SCDS @ 2 1/2'

Lab Sample ID: 880-2135-14

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 2.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 23:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 23:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 23:10	1
Total TPH	<49.9	U	49.9		mg/Kg		05/13/21 16:30	05/13/21 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/13/21 16:30	05/13/21 23:10	1
o-Terphenyl	116		70 - 130	05/13/21 16:30	05/13/21 23:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4040		24.9		mg/Kg			05/15/21 10:00	5

Client Sample ID: SCDW @ 0-6"

Lab Sample ID: 880-2135-15

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 20:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 20:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 20:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 20:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/13/21 13:35	05/13/21 20:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 20:41	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/13/21 13:35	05/13/21 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/13/21 13:35	05/13/21 20:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/13/21 13:35	05/13/21 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 23:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 23:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 23:30	1
Total TPH	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/13/21 16:30	05/13/21 23:30	1
o-Terphenyl	111		70 - 130	05/13/21 16:30	05/13/21 23:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4030		25.0		mg/Kg			05/15/21 10:06	5

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: SCDW @ 2'

Lab Sample ID: 880-2135-16

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/14/21 10:38	05/14/21 14:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/14/21 10:38	05/14/21 14:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/14/21 10:38	05/14/21 14:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/14/21 10:38	05/14/21 14:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/14/21 10:38	05/14/21 14:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/14/21 10:38	05/14/21 14:19	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/14/21 10:38	05/14/21 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	05/14/21 10:38	05/14/21 14:19	1
1,4-Difluorobenzene (Surr)	87		70 - 130	05/14/21 10:38	05/14/21 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/13/21 16:31	05/13/21 23:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/13/21 16:31	05/13/21 23:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/13/21 16:31	05/13/21 23:51	1
Total TPH	<50.0	U	50.0		mg/Kg		05/13/21 16:31	05/13/21 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/13/21 16:31	05/13/21 23:51	1
o-Terphenyl	120		70 - 130	05/13/21 16:31	05/13/21 23:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	908		4.96		mg/Kg			05/15/21 10:11	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-2135-1	BCDN @ 0-6"	114	101				
880-2135-2	BCDN @ 1'	112	101				
880-2135-3	BCDE @ 0-6"	114	102				
880-2135-4	BCDE @ 2'	110	102				
880-2135-5	BCDS @ 0-6"	114	102				
880-2135-6	BCDS @ 1'	97	96				
880-2135-6 MS	BCDS @ 1'	102	105				
880-2135-6 MSD	BCDS @ 1'	110	104				
880-2135-7	BCDW @ 0-6"	100	96				
880-2135-8	BCDW @ 1'	95	94				
880-2135-9	SCDN @ 0-6"	101	96				
880-2135-10	SCDN @ 1'	95	95				
880-2135-11	SCDE @ 0-6"	92	96				
880-2135-12	SCDE @ 3'	86	97				
880-2135-13	SCDS @ 0-6"	82	93				
880-2135-14	SCDS @ 2 1/2'	99	97				
880-2135-15	SCDW @ 0-6"	92	95				
880-2135-16	SCDW @ 2'	128	87				
880-2135-16 MS	SCDW @ 2'	103	106				
880-2135-16 MSD	SCDW @ 2'	110	110				
LCS 880-3073/1-A	Lab Control Sample	105	105				
LCS 880-3114/1-A	Lab Control Sample	97	106				
LCSD 880-3073/2-A	Lab Control Sample Dup	105	106				
LCSD 880-3114/2-A	Lab Control Sample Dup	81	114				
MB 880-3073/5-A	Method Blank	89	92				
MB 880-3114/5-A	Method Blank	73	82				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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	OTPH1				
		(70-130)	(70-130)				
880-2135-1	BCDN @ 0-6"	102	104				
880-2135-1 MS	BCDN @ 0-6"	98	93				
880-2135-1 MSD	BCDN @ 0-6"	102	93				
880-2135-2	BCDN @ 1'	118	118				
880-2135-3	BCDE @ 0-6"	108	107				
880-2135-4	BCDE @ 2'	108	106				
880-2135-5	BCDS @ 0-6"	109	108				
880-2135-6	BCDS @ 1'	102	104				
880-2135-7	BCDW @ 0-6"	105	104				
880-2135-8	BCDW @ 1'	108	125				
880-2135-9	SCDN @ 0-6"	121	137 S1+				
880-2135-10	SCDN @ 1'	95	112				
880-2135-11	SCDE @ 0-6"	99	113				

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2135-12	SCDE @ 3'	101	118
880-2135-13	SCDS @ 0-6"	112	127
880-2135-14	SCDS @ 2 1/2'	97	116
880-2135-15	SCDW @ 0-6"	95	111
880-2135-16	SCDW @ 2'	98	120
LCS 880-3080/2-A	Lab Control Sample	109	101
LCSD 880-3080/3-A	Lab Control Sample Dup	110	102
MB 880-3080/1-A	Method Blank	113	114
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3073/5-A

Matrix: Solid

Analysis Batch: 3075

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 17:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 17:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 17:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/13/21 13:35	05/13/21 17:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/21 13:35	05/13/21 17:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/13/21 13:35	05/13/21 17:16	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/13/21 13:35	05/13/21 17:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	05/13/21 13:35	05/13/21 17:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/13/21 13:35	05/13/21 17:16	1

Lab Sample ID: LCS 880-3073/1-A

Matrix: Solid

Analysis Batch: 3075

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09127		mg/Kg		91	70 - 130
Toluene	0.100	0.08899		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09336		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1964		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09980		mg/Kg		100	70 - 130

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

Lab Sample ID: LCSD 880-3073/2-A

Matrix: Solid

Analysis Batch: 3075

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3073

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09415		mg/Kg		94	70 - 130	3	35
Toluene	0.100	0.09153		mg/Kg		92	70 - 130	3	35
Ethylbenzene	0.100	0.09557		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2005		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-2135-6 MS

Matrix: Solid

Analysis Batch: 3075

Client Sample ID: BCDS @ 1'

Prep Type: Total/NA

Prep Batch: 3073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.101	0.07727		mg/Kg		76	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

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

Lab Sample ID: 880-2135-6 MS

Matrix: Solid

Analysis Batch: 3075

Client Sample ID: BCDS @ 1'

Prep Type: Total/NA

Prep Batch: 3073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U	0.101	0.07257		mg/Kg		72	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.07275		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1523		mg/Kg		75	70 - 130
o-Xylene	<0.00199	U	0.101	0.07777		mg/Kg		77	70 - 130
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	102		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: 880-2135-6 MSD

Matrix: Solid

Analysis Batch: 3075

Client Sample ID: BCDS @ 1'

Prep Type: Total/NA

Prep Batch: 3073

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.07999		mg/Kg		80	70 - 130	3	35
Toluene	<0.00199	U	0.100	0.07706		mg/Kg		77	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.100	0.07667		mg/Kg		77	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1604		mg/Kg		80	70 - 130	5	35
o-Xylene	<0.00199	U	0.100	0.08224		mg/Kg		82	70 - 130	6	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

Lab Sample ID: MB 880-3114/5-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/21 10:38	05/14/21 13:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/14/21 10:38	05/14/21 13:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				05/14/21 10:38	05/14/21 13:53	1
1,4-Difluorobenzene (Surr)	82		70 - 130				05/14/21 10:38	05/14/21 13:53	1

Lab Sample ID: LCS 880-3114/1-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1097		mg/Kg		110	70 - 130
Toluene	0.100	0.1009		mg/Kg		101	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

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

Lab Sample ID: LCS 880-3114/1-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1105		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2129		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-3114/2-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1006		mg/Kg		101	70 - 130	9	35
Toluene	0.100	0.09776		mg/Kg		98	70 - 130	3	35
Ethylbenzene	0.100	0.1072		mg/Kg		107	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2092		mg/Kg		105	70 - 130	2	35
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-2135-16 MS

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: SCDW @ 2'

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U	0.100	0.1141		mg/Kg		114	70 - 130
Toluene	<0.00201	U	0.100	0.09535		mg/Kg		95	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1057		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2049		mg/Kg		102	70 - 130
o-Xylene	<0.00201	U	0.100	0.09569		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-2135-16 MSD

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: SCDW @ 2'

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00201	U	0.0998	0.1164		mg/Kg		117	70 - 130	2	35
Toluene	<0.00201	U	0.0998	0.1068		mg/Kg		107	70 - 130	11	35
Ethylbenzene	<0.00201	U	0.0998	0.1074		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2056		mg/Kg		103	70 - 130	0	35
o-Xylene	<0.00201	U	0.0998	0.09528		mg/Kg		95	70 - 130	0	35

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

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

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

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

Lab Sample ID: MB 880-3080/1-A

Matrix: Solid

Analysis Batch: 3057

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3080

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:26	1
Total TPH	<50.0	U	50.0		mg/Kg		05/13/21 16:30	05/13/21 21:26	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	113		70 - 130	05/13/21 16:30	05/13/21 21:26	1
o-Terphenyl	114		70 - 130	05/13/21 16:30	05/13/21 21:26	1

Lab Sample ID: LCS 880-3080/2-A

Matrix: Solid

Analysis Batch: 3057

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3080

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	894.2		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	109		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: LCSD 880-3080/3-A

Matrix: Solid

Analysis Batch: 3057

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3080

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	897.4		mg/Kg		90	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1040		mg/Kg		104	70 - 130	4	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	110		70 - 130
o-Terphenyl	102		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

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

Lab Sample ID: 880-2135-1 MS

Matrix: Solid

Analysis Batch: 3057

Client Sample ID: BCDN @ 0-6"

Prep Type: Total/NA

Prep Batch: 3080

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	996	875.2		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	996.5		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	98		70 - 130						
o-Terphenyl	93		70 - 130						

Lab Sample ID: 880-2135-1 MSD

Matrix: Solid

Analysis Batch: 3057

Client Sample ID: BCDN @ 0-6"

Prep Type: Total/NA

Prep Batch: 3080

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	996	897.4		mg/Kg		88	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1027		mg/Kg		103	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3072/1-A

Matrix: Solid

Analysis Batch: 3116

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/14/21 16:36	1

Lab Sample ID: LCS 880-3072/2-A

Matrix: Solid

Analysis Batch: 3116

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	231.9		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-3072/3-A

Matrix: Solid

Analysis Batch: 3116

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	237.7		mg/Kg		95	90 - 110	2	20

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QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-2135-1 MS

Matrix: Solid

Analysis Batch: 3116

Client Sample ID: BCDN @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1690		249	2857	4	mg/Kg		469	90 - 110		

Lab Sample ID: 880-2135-1 MSD

Matrix: Solid

Analysis Batch: 3116

Client Sample ID: BCDN @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1690		249	2814	4	mg/Kg		452	90 - 110	2	20

Lab Sample ID: 880-2135-11 MS

Matrix: Solid

Analysis Batch: 3116

Client Sample ID: SCDE @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	6220		253	8903	4	mg/Kg		1061	90 - 110		

Lab Sample ID: 880-2135-11 MSD

Matrix: Solid

Analysis Batch: 3116

Client Sample ID: SCDE @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6220		253	9074	4	mg/Kg		1129	90 - 110	2	20

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

GC VOA

Analysis Batch: 3049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-2	BCDN @ 1'	Total/NA	Solid	8021B	3052
880-2135-3	BCDE @ 0-6"	Total/NA	Solid	8021B	3052
880-2135-4	BCDE @ 2'	Total/NA	Solid	8021B	3052
880-2135-5	BCDS @ 0-6"	Total/NA	Solid	8021B	3052

Analysis Batch: 3051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-1	BCDN @ 0-6"	Total/NA	Solid	8021B	3053

Prep Batch: 3052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-2	BCDN @ 1'	Total/NA	Solid	5035	
880-2135-3	BCDE @ 0-6"	Total/NA	Solid	5035	
880-2135-4	BCDE @ 2'	Total/NA	Solid	5035	
880-2135-5	BCDS @ 0-6"	Total/NA	Solid	5035	

Prep Batch: 3053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-1	BCDN @ 0-6"	Total/NA	Solid	5035	

Prep Batch: 3073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-6	BCDS @ 1'	Total/NA	Solid	5035	
880-2135-7	BCDW @ 0-6"	Total/NA	Solid	5035	
880-2135-8	BCDW @ 1'	Total/NA	Solid	5035	
880-2135-9	SCDN @ 0-6"	Total/NA	Solid	5035	
880-2135-10	SCDN @ 1'	Total/NA	Solid	5035	
880-2135-11	SCDE @ 0-6"	Total/NA	Solid	5035	
880-2135-12	SCDE @ 3'	Total/NA	Solid	5035	
880-2135-13	SCDS @ 0-6"	Total/NA	Solid	5035	
880-2135-14	SCDS @ 2 1/2'	Total/NA	Solid	5035	
880-2135-15	SCDW @ 0-6"	Total/NA	Solid	5035	
MB 880-3073/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3073/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3073/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2135-6 MS	BCDS @ 1'	Total/NA	Solid	5035	
880-2135-6 MSD	BCDS @ 1'	Total/NA	Solid	5035	

Analysis Batch: 3075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-6	BCDS @ 1'	Total/NA	Solid	8021B	3073
880-2135-7	BCDW @ 0-6"	Total/NA	Solid	8021B	3073
880-2135-8	BCDW @ 1'	Total/NA	Solid	8021B	3073
880-2135-9	SCDN @ 0-6"	Total/NA	Solid	8021B	3073
880-2135-10	SCDN @ 1'	Total/NA	Solid	8021B	3073
880-2135-11	SCDE @ 0-6"	Total/NA	Solid	8021B	3073
880-2135-12	SCDE @ 3'	Total/NA	Solid	8021B	3073
880-2135-13	SCDS @ 0-6"	Total/NA	Solid	8021B	3073
880-2135-14	SCDS @ 2 1/2'	Total/NA	Solid	8021B	3073
880-2135-15	SCDW @ 0-6"	Total/NA	Solid	8021B	3073
MB 880-3073/5-A	Method Blank	Total/NA	Solid	8021B	3073

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QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

GC VOA (Continued)

Analysis Batch: 3075 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-3073/1-A	Lab Control Sample	Total/NA	Solid	8021B	3073
LCSD 880-3073/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3073
880-2135-6 MS	BCDS @ 1'	Total/NA	Solid	8021B	3073
880-2135-6 MSD	BCDS @ 1'	Total/NA	Solid	8021B	3073

Prep Batch: 3114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-16	SCDW @ 2'	Total/NA	Solid	5035	
MB 880-3114/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3114/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3114/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2135-16 MS	SCDW @ 2'	Total/NA	Solid	5035	
880-2135-16 MSD	SCDW @ 2'	Total/NA	Solid	5035	

Analysis Batch: 3118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-16	SCDW @ 2'	Total/NA	Solid	8021B	3114
MB 880-3114/5-A	Method Blank	Total/NA	Solid	8021B	3114
LCS 880-3114/1-A	Lab Control Sample	Total/NA	Solid	8021B	3114
LCSD 880-3114/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3114
880-2135-16 MS	SCDW @ 2'	Total/NA	Solid	8021B	3114
880-2135-16 MSD	SCDW @ 2'	Total/NA	Solid	8021B	3114

GC Semi VOA

Analysis Batch: 3057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-1	BCDN @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-2	BCDN @ 1'	Total/NA	Solid	8015B NM	3080
880-2135-3	BCDE @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-4	BCDE @ 2'	Total/NA	Solid	8015B NM	3080
880-2135-5	BCDS @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-6	BCDS @ 1'	Total/NA	Solid	8015B NM	3080
880-2135-7	BCDW @ 0-6"	Total/NA	Solid	8015B NM	3080
MB 880-3080/1-A	Method Blank	Total/NA	Solid	8015B NM	3080
LCS 880-3080/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3080
LCSD 880-3080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3080
880-2135-1 MS	BCDN @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-1 MSD	BCDN @ 0-6"	Total/NA	Solid	8015B NM	3080

Analysis Batch: 3067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-8	BCDW @ 1'	Total/NA	Solid	8015B NM	3080
880-2135-9	SCDN @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-10	SCDN @ 1'	Total/NA	Solid	8015B NM	3080
880-2135-11	SCDE @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-12	SCDE @ 3'	Total/NA	Solid	8015B NM	3080
880-2135-13	SCDS @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-14	SCDS @ 2 1/2'	Total/NA	Solid	8015B NM	3080
880-2135-15	SCDW @ 0-6"	Total/NA	Solid	8015B NM	3080
880-2135-16	SCDW @ 2'	Total/NA	Solid	8015B NM	3080

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

GC Semi VOA

Prep Batch: 3080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-1	BCDN @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-2	BCDN @ 1'	Total/NA	Solid	8015NM Prep	
880-2135-3	BCDE @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-4	BCDE @ 2'	Total/NA	Solid	8015NM Prep	
880-2135-5	BCDS @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-6	BCDS @ 1'	Total/NA	Solid	8015NM Prep	
880-2135-7	BCDW @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-8	BCDW @ 1'	Total/NA	Solid	8015NM Prep	
880-2135-9	SCDN @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-10	SCDN @ 1'	Total/NA	Solid	8015NM Prep	
880-2135-11	SCDE @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-12	SCDE @ 3'	Total/NA	Solid	8015NM Prep	
880-2135-13	SCDS @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-14	SCDS @ 2 1/2'	Total/NA	Solid	8015NM Prep	
880-2135-15	SCDW @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-16	SCDW @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-3080/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3080/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2135-1 MS	BCDN @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2135-1 MSD	BCDN @ 0-6"	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-1	BCDN @ 0-6"	Soluble	Solid	DI Leach	
880-2135-2	BCDN @ 1'	Soluble	Solid	DI Leach	
880-2135-3	BCDE @ 0-6"	Soluble	Solid	DI Leach	
880-2135-4	BCDE @ 2'	Soluble	Solid	DI Leach	
880-2135-5	BCDS @ 0-6"	Soluble	Solid	DI Leach	
880-2135-6	BCDS @ 1'	Soluble	Solid	DI Leach	
880-2135-7	BCDW @ 0-6"	Soluble	Solid	DI Leach	
880-2135-8	BCDW @ 1'	Soluble	Solid	DI Leach	
880-2135-9	SCDN @ 0-6"	Soluble	Solid	DI Leach	
880-2135-10	SCDN @ 1'	Soluble	Solid	DI Leach	
880-2135-11	SCDE @ 0-6"	Soluble	Solid	DI Leach	
880-2135-12	SCDE @ 3'	Soluble	Solid	DI Leach	
880-2135-13	SCDS @ 0-6"	Soluble	Solid	DI Leach	
880-2135-14	SCDS @ 2 1/2'	Soluble	Solid	DI Leach	
880-2135-15	SCDW @ 0-6"	Soluble	Solid	DI Leach	
880-2135-16	SCDW @ 2'	Soluble	Solid	DI Leach	
MB 880-3072/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3072/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3072/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2135-1 MS	BCDN @ 0-6"	Soluble	Solid	DI Leach	
880-2135-1 MSD	BCDN @ 0-6"	Soluble	Solid	DI Leach	
880-2135-11 MS	SCDE @ 0-6"	Soluble	Solid	DI Leach	
880-2135-11 MSD	SCDE @ 0-6"	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

HPLC/IC

Analysis Batch: 3116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2135-1	BCDN @ 0-6"	Soluble	Solid	300.0	3072
880-2135-2	BCDN @ 1'	Soluble	Solid	300.0	3072
880-2135-3	BCDE @ 0-6"	Soluble	Solid	300.0	3072
880-2135-4	BCDE @ 2'	Soluble	Solid	300.0	3072
880-2135-5	BCDS @ 0-6"	Soluble	Solid	300.0	3072
880-2135-6	BCDS @ 1'	Soluble	Solid	300.0	3072
880-2135-7	BCDW @ 0-6"	Soluble	Solid	300.0	3072
880-2135-8	BCDW @ 1'	Soluble	Solid	300.0	3072
880-2135-9	SCDN @ 0-6"	Soluble	Solid	300.0	3072
880-2135-10	SCDN @ 1'	Soluble	Solid	300.0	3072
880-2135-11	SCDE @ 0-6"	Soluble	Solid	300.0	3072
880-2135-12	SCDE @ 3'	Soluble	Solid	300.0	3072
880-2135-13	SCDS @ 0-6"	Soluble	Solid	300.0	3072
880-2135-14	SCDS @ 2 1/2'	Soluble	Solid	300.0	3072
880-2135-15	SCDW @ 0-6"	Soluble	Solid	300.0	3072
880-2135-16	SCDW @ 2'	Soluble	Solid	300.0	3072
MB 880-3072/1-A	Method Blank	Soluble	Solid	300.0	3072
LCS 880-3072/2-A	Lab Control Sample	Soluble	Solid	300.0	3072
LCSD 880-3072/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3072
880-2135-1 MS	BCDN @ 0-6"	Soluble	Solid	300.0	3072
880-2135-1 MSD	BCDN @ 0-6"	Soluble	Solid	300.0	3072
880-2135-11 MS	SCDE @ 0-6"	Soluble	Solid	300.0	3072
880-2135-11 MSD	SCDE @ 0-6"	Soluble	Solid	300.0	3072

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDN @ 0-6"

Lab Sample ID: 880-2135-1

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3053	05/13/21 14:00	MR	XM
Total/NA	Analysis	8021B		1	3051	05/13/21 23:16	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3057	05/13/21 22:28	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		5	3116	05/14/21 16:52	CH	XM

Client Sample ID: BCDN @ 1'

Lab Sample ID: 880-2135-2

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3052	05/13/21 14:00	MR	XM
Total/NA	Analysis	8021B		1	3049	05/13/21 21:12	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3057	05/13/21 23:30	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:08	CH	XM

Client Sample ID: BCDE @ 0-6"

Lab Sample ID: 880-2135-3

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3052	05/13/21 14:00	MR	XM
Total/NA	Analysis	8021B		1	3049	05/13/21 21:33	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3057	05/13/21 23:51	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:13	CH	XM

Client Sample ID: BCDE @ 2'

Lab Sample ID: 880-2135-4

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3052	05/13/21 14:00	MR	XM
Total/NA	Analysis	8021B		1	3049	05/13/21 21:53	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3057	05/14/21 00:12	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:19	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: BCDS @ 0-6"

Lab Sample ID: 880-2135-5

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3052	05/13/21 14:00	MR	XM
Total/NA	Analysis	8021B		1	3049	05/13/21 22:14	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3057	05/14/21 00:32	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:24	CH	XM

Client Sample ID: BCDS @ 1'

Lab Sample ID: 880-2135-6

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 17:38	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3057	05/14/21 00:53	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:40	CH	XM

Client Sample ID: BCDW @ 0-6"

Lab Sample ID: 880-2135-7

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 17:58	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3057	05/14/21 01:13	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:46	CH	XM

Client Sample ID: BCDW @ 1'

Lab Sample ID: 880-2135-8

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 18:18	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 21:06	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:51	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: SCDN @ 0-6"

Lab Sample ID: 880-2135-9

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 18:39	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 21:26	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 17:56	CH	XM

Client Sample ID: SCDN @ 1'

Lab Sample ID: 880-2135-10

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 18:59	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 21:47	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 18:02	CH	XM

Client Sample ID: SCDE @ 0-6"

Lab Sample ID: 880-2135-11

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 19:20	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 22:08	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		10	3116	05/17/21 09:47	CH	XM

Client Sample ID: SCDE @ 3'

Lab Sample ID: 880-2135-12

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 19:40	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 22:28	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/14/21 18:23	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Client Sample ID: SCDS @ 0-6"

Lab Sample ID: 880-2135-13

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 20:00	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 22:49	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		50	3116	05/14/21 18:29	CH	XM

Client Sample ID: SCDS @ 2 1/2'

Lab Sample ID: 880-2135-14

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 20:21	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 23:10	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		5	3116	05/15/21 10:00	CH	XM

Client Sample ID: SCDW @ 0-6"

Lab Sample ID: 880-2135-15

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		1	3075	05/13/21 20:41	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:30	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 23:30	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		5	3116	05/15/21 10:06	CH	XM

Client Sample ID: SCDW @ 2'

Lab Sample ID: 880-2135-16

Date Collected: 05/12/21 00:00

Matrix: Solid

Date Received: 05/13/21 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3114	05/14/21 10:38	MR	XM
Total/NA	Analysis	8021B		1	3118	05/14/21 14:19	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:31	DM	XM
Total/NA	Analysis	8015B NM		1	3067	05/13/21 23:51	AJ	XM
Soluble	Leach	DI Leach			3072	05/13/21 12:20	SC	XM
Soluble	Analysis	300.0		1	3116	05/15/21 10:11	CH	XM

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

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

Sample Summary

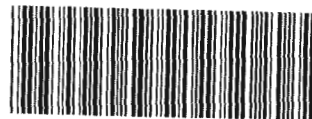
Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2135-1
SDG: Goodnight

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-2135-1	BCDN @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-2	BCDN @ 1'	Solid	05/12/21 00:00	05/13/21 09:57	1'
880-2135-3	BCDE @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-4	BCDE @ 2'	Solid	05/12/21 00:00	05/13/21 09:57	2'
880-2135-5	BCDS @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-6	BCDS @ 1'	Solid	05/12/21 00:00	05/13/21 09:57	1'
880-2135-7	BCDW @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-8	BCDW @ 1'	Solid	05/12/21 00:00	05/13/21 09:57	1'
880-2135-9	SCDN @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-10	SCDN @ 1'	Solid	05/12/21 00:00	05/13/21 09:57	1'
880-2135-11	SCDE @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-12	SCDE @ 3'	Solid	05/12/21 00:00	05/13/21 09:57	3'
880-2135-13	SCDS @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-14	SCDS @ 2 1/2'	Solid	05/12/21 00:00	05/13/21 09:57	2.5'
880-2135-15	SCDW @ 0-6"	Solid	05/12/21 00:00	05/13/21 09:57	0 - 6"
880-2135-16	SCDW @ 2'	Solid	05/12/21 00:00	05/13/21 09:57	2'

XENCO**Chair**

Houston TX (281) 240-4200 Dall
 Midland TX (432) 704-5440, EL
 Hobbs NM (575) 392 7550 Carl
 Tampa FL (813) 620-2000 Tallaha.



880-2135 Chain of Custody

Atlanta GA (770) 449-8800

Work Order No: 2135www.xenco.com Page 1 of 2

Project Manager	Joel Lowry	Bill to (if different)	Albert Ochoa
Company Name	Etech Environmental & Safety	Company Name	Goodnight
Address	3100 Plains Highway	Address	
City State ZIP	Lovington NM, 88260	City, State ZIP	
Phone.	575-396-2378	Email	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project	
Reporting Level	I ☐ Level II ☐ PST/US ☐ TRR ☐ Level II ☐
Deliverables	EDD ☐ ADaPT ☐ Other

Project Name		Turn Around		ANALYSIS REQUEST												Preservative Codes																																																						
Project Number		Routine ☒		<table border="1"> <tr> <td rowspan="4">Number of Containers/Preservative</td> <td rowspan="4">Chloride E300</td> <td rowspan="4">BTX 8021</td> <td rowspan="4">TFH Modified Ext</td> <td rowspan="4">TPH TX1005</td> <td colspan="12"></td> </tr> <tr><td colspan="12"></td></tr> <tr><td colspan="12"></td></tr> <tr><td colspan="12"></td></tr> </table>												Number of Containers/Preservative	Chloride E300	BTX 8021	TFH Modified Ext	TPH TX1005																																																	HNO3 HN	
Number of Containers/Preservative	Chloride E300	BTX 8021	TFH Modified Ext																		TPH TX1005																																																	
Project Location		Rush ☐		H2SO4 H2																																																																		
Sampler's Name		Due Date		HCL HL																																																																		
PO #				None NO																																																																		
SAMPLE RECEIPT		Temp Blank		Yes ☒ No ☐		Wet Ice		Yes ☒ No ☐		NaOH Na																																																												
Temperature (°C)		49.5.4		Thermometer ID		1R8				MeOH Me																																																												
Received Intact		Yes ☐ No ☒		Correction Factor		F0.5				Zn Acetate+ NaOH Zn																																																												
Cooler Custody Seals		Yes ☐ No ☒		Total Containers						TAT starts the day received by the lab if received by 4 30pm																																																												
Sample Custody Seals		Yes ☐ No ☒								Sample Comments																																																												
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative	Chloride E300	BTX 8021	TFH Modified Ext	TPH TX1005																																																													
BCDNe 0-6"	S	5/12/21		0-6"	1	✓	✓	✓																																																														
BCDNe 1'	S	5/12/21		1'	1	✓	✓	✓																																																														
BCDEe 0-6"	S	5/12/21		0-6"	1	✓	✓	✓																																																														
BCDEe 2'	S	5/12/21		2'	1	✓	✓	✓																																																														
BCDSe 0-6"	S	5/12/21		0-6"	1	✓	✓	✓																																																														
BCDSe 1'	S	5/12/21		1'	1	✓	✓	✓																																																														
BCDW 0-6"	S	5/12/21		0-6"	1	✓	✓	✓																																																														
BCDW 1'	S	5/12/21		1'	1	✓	✓	✓																																																														
SCDNe 0-6"	S	5/12/21		0-6"	1	✓	✓	✓																																																														
SCDNe 1'	S	5/12/21		1'	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 Ti 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 Ti 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 <i>Eric Mojica</i>	<i>NR</i>	5/12/21 / 4.05	2 <i>NR</i>	<i>K9Phillips</i>	5/13/21 / 1133
3			4		
5			6		

Revised Date 10/14/19 Rev 2019.1

XENCO

Chain of Custody

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 Carlsbad NM (575) 988-3199 Phoenix, AZ (480) 355-0900
Tampa FL (813) 620-2000 Tallahassee FL (850) 756-0747 Delray Beach FL (561) 689-6701
Atlanta GA (770) 449-8800

Work Order No. _____

2135

www.xenco.com

Page 2 of 6

Project Manager	Joel Lowry	Bill to (if different)	Albert Ochoa
Company Name	Etech Environmental & Safety	Company Name	Good night
Address	3100 Plains Highway	Address	
City State ZIP	Lovington, NM, 88260	City State ZIP	
Phone	575-396-2378	Email	Email Results to PM@etechenv.com + Client

Work Order Comments			
Program	UST/PST ☐	PRP ☐	Brownfields ☐ RRC ☐ Superfund ☐
State of Project			
Reporting Level I ☐	Level II ☐	PST/US ☐	TRR ☐ Level III ☐
Deliverables	EDD ☐	ADaPT ☐	Other: _____

[illegible]

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	Ti	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	Ti	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 <i>E. M. [Signature]</i>	<i>[Signature]</i>	5-12-21/40	2 <i>[Signature]</i>	<i>[Signature]</i>	5/13/21
3			4		113
5			6		

Buy on Date 10/14/19 Buy 2019

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-2135-1

SDG Number: Goodnight

Login Number: 2135

List Source: Eurofins Midland

List Number: 1

Creator: Teel, Brianna

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.	False	No times on COC, logged in per container labels.
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	



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-2171-1
Laboratory Sample Delivery Group: Goodnight
Client Project/Site: Wrigley SWD

For:
Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: PM List

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
5/20/2021 2:47:25 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Laboratory Job ID: 880-2171-1
SDG: Goodnight

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	36
QC Sample Results	39
QC Association Summary	52
Lab Chronicle	62
Certification Summary	74
Method Summary	75
Sample Summary	76
Chain of Custody	77
Receipt Checklists	82

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Job ID: 880-2171-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-2171-1

Comments

No additional comments.

Receipt

The samples were received on 5/14/2021 12:09 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.5° C.

GC VOA

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: FS34 @ 0-6" (880-2171-34). The sample(s) shows evidence of matrix interference.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3155 and analytical batch 880-3159 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-3111 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3123 and 880-3123 and analytical batch 880-3177 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS1 @ 0-6"

Lab Sample ID: 880-2171-1

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 02:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 02:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 02:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 16:57	05/16/21 02:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 02:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 16:57	05/16/21 02:47	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 16:57	05/16/21 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/15/21 16:57	05/16/21 02:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 16:57	05/16/21 02:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/14/21 14:57	05/16/21 03:38	1
o-Terphenyl	100		70 - 130	05/14/21 14:57	05/16/21 03:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	407		5.00		mg/Kg			05/15/21 15:49	1

Client Sample ID: FS2 @ 0-6"

Lab Sample ID: 880-2171-2

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 16:57	05/16/21 03:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 16:57	05/16/21 03:08	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 16:57	05/16/21 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/15/21 16:57	05/16/21 03:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 16:57	05/16/21 03:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS2 @ 0-6"

Lab Sample ID: 880-2171-2

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 04:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 04:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 04:40	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	05/14/21 14:57	05/16/21 04:40	1
o-Terphenyl	102		70 - 130	05/14/21 14:57	05/16/21 04:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3080		24.8		mg/Kg			05/20/21 12:05	5

Client Sample ID: FS3 @ 0-6"

Lab Sample ID: 880-2171-3

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 16:57	05/16/21 03:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 16:57	05/16/21 03:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 16:57	05/16/21 03:28	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 16:57	05/16/21 03:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/15/21 16:57	05/16/21 03:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/15/21 16:57	05/16/21 03:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 05:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 05:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 05:01	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	05/14/21 14:57	05/16/21 05:01	1
o-Terphenyl	105		70 - 130	05/14/21 14:57	05/16/21 05:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	607		4.99		mg/Kg			05/20/21 12:20	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS4 @ 0-6"

Lab Sample ID: 880-2171-4

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 03:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 03:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 03:49	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 16:57	05/16/21 03:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 03:49	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 16:57	05/16/21 03:49	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 16:57	05/16/21 03:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/15/21 16:57	05/16/21 03:49	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/15/21 16:57	05/16/21 03:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/14/21 14:57	05/16/21 05:22	1
o-Terphenyl	96		70 - 130	05/14/21 14:57	05/16/21 05:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	524		4.95		mg/Kg			05/15/21 15:54	1

Client Sample ID: FS5 @ 0-6"

Lab Sample ID: 880-2171-5

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 04:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 04:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 04:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/15/21 16:57	05/16/21 04:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 16:57	05/16/21 04:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/15/21 16:57	05/16/21 04:09	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		05/15/21 16:57	05/16/21 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/15/21 16:57	05/16/21 04:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 16:57	05/16/21 04:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS5 @ 0-6"

Lab Sample ID: 880-2171-5

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:43	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/14/21 14:57	05/16/21 05:43	1
o-Terphenyl	95		70 - 130	05/14/21 14:57	05/16/21 05:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		5.00		mg/Kg			05/17/21 18:38	1

Client Sample ID: FS6 @ 0-6"

Lab Sample ID: 880-2171-6

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 04:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 04:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 04:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 16:57	05/16/21 04:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/16/21 04:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 16:57	05/16/21 04:30	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 16:57	05/16/21 04:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/15/21 16:57	05/16/21 04:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 16:57	05/16/21 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/14/21 14:57	05/16/21 06:04	1
o-Terphenyl	103		70 - 130	05/14/21 14:57	05/16/21 06:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		4.96		mg/Kg			05/17/21 18:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS7@ 0-6"

Lab Sample ID: 880-2171-7

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 04:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 04:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 04:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 16:57	05/16/21 04:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 04:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 16:57	05/16/21 04:50	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 16:57	05/16/21 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	05/15/21 16:57	05/16/21 04:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/15/21 16:57	05/16/21 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	05/14/21 14:57	05/16/21 06:24	1
o-Terphenyl	102		70 - 130	05/14/21 14:57	05/16/21 06:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	473		4.95		mg/Kg			05/17/21 18:59	1

Client Sample ID: FS8 @ 0-6"

Lab Sample ID: 880-2171-8

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 05:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 05:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 05:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 16:57	05/16/21 05:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 16:57	05/16/21 05:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 16:57	05/16/21 05:10	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 16:57	05/16/21 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/15/21 16:57	05/16/21 05:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/15/21 16:57	05/16/21 05:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS8 @ 0-6"

Lab Sample ID: 880-2171-8

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:45	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	05/14/21 14:57	05/16/21 06:45	1
o-Terphenyl	101		70 - 130	05/14/21 14:57	05/16/21 06:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.2		5.05		mg/Kg			05/17/21 19:04	1

Client Sample ID: FS9 @ 0-6"

Lab Sample ID: 880-2171-9

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		05/15/21 17:05	05/17/21 12:13	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/15/21 17:05	05/17/21 12:13	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		05/15/21 17:05	05/17/21 12:13	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		05/15/21 17:05	05/17/21 12:13	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		05/15/21 17:05	05/17/21 12:13	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		05/15/21 17:05	05/17/21 12:13	1
Total BTEX	<0.00399	U F1	0.00399		mg/Kg		05/15/21 17:05	05/17/21 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/15/21 17:05	05/17/21 12:13	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/15/21 17:05	05/17/21 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 02:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 02:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 02:36	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	05/14/21 14:57	05/16/21 02:36	1
o-Terphenyl	88		70 - 130	05/14/21 14:57	05/16/21 02:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		4.98		mg/Kg			05/17/21 19:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS10 @ 0-6"

Lab Sample ID: 880-2171-10

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 12:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 12:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 12:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 12:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 12:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 12:33	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/15/21 17:05	05/17/21 12:33	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/15/21 17:05	05/17/21 12:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	05/14/21 14:57	05/16/21 02:56	1
o-Terphenyl	94		70 - 130	05/14/21 14:57	05/16/21 02:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1240		5.00		mg/Kg			05/17/21 19:25	1

Client Sample ID: FS11 @ 0-6"

Lab Sample ID: 880-2171-11

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 12:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 12:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 12:53	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/15/21 17:05	05/17/21 12:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 12:53	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/15/21 17:05	05/17/21 12:53	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		05/15/21 17:05	05/17/21 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/15/21 17:05	05/17/21 12:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/15/21 17:05	05/17/21 12:53	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS11 @ 0-6"

Lab Sample ID: 880-2171-11

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 03:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 03:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 03:17	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 14:57	05/16/21 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	05/14/21 14:57	05/16/21 03:17	1
o-Terphenyl	81		70 - 130	05/14/21 14:57	05/16/21 03:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2230		25.0		mg/Kg			05/18/21 15:30	5

Client Sample ID: FS12 @ 0-6"

Lab Sample ID: 880-2171-12

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 13:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 13:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 13:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 13:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 13:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 13:14	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/15/21 17:05	05/17/21 13:14	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:05	05/17/21 13:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	05/14/21 14:57	05/16/21 03:38	1
o-Terphenyl	79		70 - 130	05/14/21 14:57	05/16/21 03:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.2		5.02		mg/Kg			05/17/21 19:35	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS13 @ 0-6"

Lab Sample ID: 880-2171-13

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 13:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 13:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 13:34	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 17:05	05/17/21 13:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 13:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 17:05	05/17/21 13:34	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 17:05	05/17/21 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/15/21 17:05	05/17/21 13:34	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/15/21 17:05	05/17/21 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:59	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	05/14/21 14:57	05/16/21 03:59	1
o-Terphenyl	90		70 - 130	05/14/21 14:57	05/16/21 03:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		5.03		mg/Kg			05/17/21 19:40	1

Client Sample ID: FS14 @ 0-6"

Lab Sample ID: 880-2171-14

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 13:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 13:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 13:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 13:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 13:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 13:55	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/15/21 17:05	05/17/21 13:55	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/15/21 17:05	05/17/21 13:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS14 @ 0-6"

Lab Sample ID: 880-2171-14

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 04:20	1
Diesel Range Organics (Over C10-C28)	87.2		49.9		mg/Kg		05/14/21 14:57	05/16/21 04:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 04:20	1
Total TPH	87.2		49.9		mg/Kg		05/14/21 14:57	05/16/21 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	05/14/21 14:57	05/16/21 04:20	1
o-Terphenyl	93		70 - 130	05/14/21 14:57	05/16/21 04:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9960		50.0		mg/Kg			05/18/21 15:35	10

Client Sample ID: FS15 @ 0-6"

Lab Sample ID: 880-2171-15

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 14:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 14:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 14:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 14:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 14:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 14:15	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/15/21 17:05	05/17/21 14:15	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/15/21 17:05	05/17/21 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 04:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 04:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 04:40	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	05/14/21 14:57	05/16/21 04:40	1
o-Terphenyl	87		70 - 130	05/14/21 14:57	05/16/21 04:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		4.95		mg/Kg			05/17/21 19:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS16 @ 0-6"

Lab Sample ID: 880-2171-16

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 14:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 14:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 14:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 14:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 14:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 14:36	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/15/21 17:05	05/17/21 14:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 17:05	05/17/21 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:01	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	05/14/21 14:57	05/16/21 05:01	1
o-Terphenyl	94		70 - 130	05/14/21 14:57	05/16/21 05:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		5.03		mg/Kg			05/17/21 20:06	1

Client Sample ID: FS17 @ 0-6"

Lab Sample ID: 880-2171-17

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 14:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 14:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 14:56	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/15/21 17:05	05/17/21 14:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 14:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/15/21 17:05	05/17/21 14:56	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		05/15/21 17:05	05/17/21 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/15/21 17:05	05/17/21 14:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 17:05	05/17/21 14:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS17 @ 0-6"

Lab Sample ID: 880-2171-17

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/14/21 14:57	05/16/21 05:22	1
o-Terphenyl	102		70 - 130	05/14/21 14:57	05/16/21 05:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	384		5.00		mg/Kg			05/17/21 20:11	1

Client Sample ID: FS18 @ 0-6"

Lab Sample ID: 880-2171-18

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 15:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 15:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 15:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:05	05/17/21 15:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 15:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:05	05/17/21 15:16	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:05	05/17/21 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/15/21 17:05	05/17/21 15:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/15/21 17:05	05/17/21 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:43	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	05/14/21 14:57	05/16/21 05:43	1
o-Terphenyl	84		70 - 130	05/14/21 14:57	05/16/21 05:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		4.97		mg/Kg			05/17/21 20:27	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS19 @ 0-6"

Lab Sample ID: 880-2171-19

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 17:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 17:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 17:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 17:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 17:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 17:07	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/15/21 17:05	05/17/21 17:07	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 17:05	05/17/21 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 14:57	05/16/21 06:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	05/14/21 14:57	05/16/21 06:04	1
o-Terphenyl	86		70 - 130	05/14/21 14:57	05/16/21 06:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		5.00		mg/Kg			05/17/21 20:32	1

Client Sample ID: FS20 @ 0-6"

Lab Sample ID: 880-2171-20

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 17:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 17:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 17:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 17:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 17:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 17:28	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	05/15/21 17:05	05/17/21 17:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:05	05/17/21 17:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS20 @ 0-6"

Lab Sample ID: 880-2171-20

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1
Diesel Range Organics (Over C10-C28)	107		50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1
Total TPH	107		50.0		mg/Kg		05/14/21 14:57	05/16/21 06:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	48	S1-	70 - 130	05/14/21 14:57	05/16/21 06:24	1
o-Terphenyl	91		70 - 130	05/14/21 14:57	05/16/21 06:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		4.96		mg/Kg			05/17/21 20:37	1

Client Sample ID: FS21 @ 0-6"

Lab Sample ID: 880-2171-21

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 17:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 17:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 17:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 17:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 17:48	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/15/21 17:05	05/17/21 17:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/15/21 17:05	05/17/21 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 01:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 01:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 01:29	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 01:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	05/14/21 15:11	05/15/21 01:29	1
o-Terphenyl	111		70 - 130	05/14/21 15:11	05/15/21 01:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/17/21 20:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS22 @ 0-6"

Lab Sample ID: 880-2171-22

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 18:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 18:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 18:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 18:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:05	05/17/21 18:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 18:08	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:05	05/17/21 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/15/21 17:05	05/17/21 18:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/15/21 17:05	05/17/21 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 02:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 02:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 02:31	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	05/14/21 15:11	05/15/21 02:31	1
o-Terphenyl	113		70 - 130	05/14/21 15:11	05/15/21 02:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		4.95		mg/Kg			05/17/21 20:48	1

Client Sample ID: FS23 @ 0-6"

Lab Sample ID: 880-2171-23

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/15/21 17:05	05/17/21 18:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/15/21 17:05	05/17/21 18:29	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		05/15/21 17:05	05/17/21 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/15/21 17:05	05/17/21 18:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/15/21 17:05	05/17/21 18:29	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS23 @ 0-6"

Lab Sample ID: 880-2171-23

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 19:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 19:38	1
Oil Range Organics (Over C28-C36)	58.0		50.0		mg/Kg		05/17/21 09:43	05/17/21 19:38	1
Total TPH	58.0		50.0		mg/Kg		05/17/21 09:43	05/17/21 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	05/17/21 09:43	05/17/21 19:38	1
o-Terphenyl	96		70 - 130	05/17/21 09:43	05/17/21 19:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		4.95		mg/Kg			05/17/21 20:53	1

Client Sample ID: FS24 @ 0-6"

Lab Sample ID: 880-2171-24

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:49	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/15/21 17:05	05/17/21 18:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:05	05/17/21 18:49	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/15/21 17:05	05/17/21 18:49	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		05/15/21 17:05	05/17/21 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/15/21 17:05	05/17/21 18:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 17:05	05/17/21 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	61.4		49.9		mg/Kg		05/14/21 15:11	05/15/21 03:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:13	1
Total TPH	61.4		49.9		mg/Kg		05/14/21 15:11	05/15/21 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	05/14/21 15:11	05/15/21 03:13	1
o-Terphenyl	120		70 - 130	05/14/21 15:11	05/15/21 03:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		5.00		mg/Kg			05/17/21 20:58	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS25 @ 0-6"

Lab Sample ID: 880-2171-25

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:05	05/17/21 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:05	05/17/21 19:10	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:05	05/17/21 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/15/21 17:05	05/17/21 19:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/15/21 17:05	05/17/21 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:34	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	05/14/21 15:11	05/15/21 03:34	1
o-Terphenyl	99		70 - 130	05/14/21 15:11	05/15/21 03:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	255	F1 F2	4.99		mg/Kg			05/17/21 15:06	1

Client Sample ID: FS26 @ 0-6"

Lab Sample ID: 880-2171-26

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 19:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 19:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 19:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 17:05	05/17/21 19:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:05	05/17/21 19:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 17:05	05/17/21 19:30	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 17:05	05/17/21 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/15/21 17:05	05/17/21 19:30	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/15/21 17:05	05/17/21 19:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS26 @ 0-6"

Lab Sample ID: 880-2171-26

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:55	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	05/14/21 15:11	05/15/21 03:55	1
o-Terphenyl	108		70 - 130	05/14/21 15:11	05/15/21 03:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.1		5.04		mg/Kg			05/17/21 15:22	1

Client Sample ID: FS27 @ 0-6"

Lab Sample ID: 880-2171-27

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 19:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 19:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 19:51	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:05	05/17/21 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/15/21 17:05	05/17/21 19:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/15/21 17:05	05/17/21 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 04:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 04:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 04:16	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 04:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	05/14/21 15:11	05/15/21 04:16	1
o-Terphenyl	109		70 - 130	05/14/21 15:11	05/15/21 04:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		5.02		mg/Kg			05/17/21 15:27	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS28 @ 0-6"

Lab Sample ID: 880-2171-28

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 20:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 20:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 20:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 20:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:05	05/17/21 20:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 20:11	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:05	05/17/21 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/15/21 17:05	05/17/21 20:11	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 17:05	05/17/21 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/17/21 09:43	05/17/21 20:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/17/21 09:43	05/17/21 20:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/17/21 09:43	05/17/21 20:00	1
Total TPH	<49.9	U	49.9		mg/Kg		05/17/21 09:43	05/17/21 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	05/17/21 09:43	05/17/21 20:00	1
o-Terphenyl	95		70 - 130	05/17/21 09:43	05/17/21 20:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15500		99.6		mg/Kg			05/18/21 11:22	20

Client Sample ID: FS29 @ 0-6"

Lab Sample ID: 880-2171-29

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 21:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 21:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 21:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 21:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 21:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 21:04	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/15/21 17:13	05/15/21 21:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:13	05/15/21 21:04	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS29 @ 0-6"

Lab Sample ID: 880-2171-29

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 04:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 04:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 04:57	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	05/14/21 15:11	05/15/21 04:57	1
o-Terphenyl	97		70 - 130	05/14/21 15:11	05/15/21 04:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		4.95		mg/Kg			05/17/21 15:38	1

Client Sample ID: FS30 @ 0-6"

Lab Sample ID: 880-2171-30

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/15/21 21:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/15/21 21:25	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/15/21 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:13	05/15/21 21:25	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 17:13	05/15/21 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 20:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 20:21	1
Oil Range Organics (Over C28-C36)	128		50.0		mg/Kg		05/17/21 09:43	05/17/21 20:21	1
Total TPH	128		50.0		mg/Kg		05/17/21 09:43	05/17/21 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	05/17/21 09:43	05/17/21 20:21	1
o-Terphenyl	97		70 - 130	05/17/21 09:43	05/17/21 20:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279		5.05		mg/Kg			05/17/21 15:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS31 @ 0-6"

Lab Sample ID: 880-2171-31

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/15/21 21:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/15/21 21:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/15/21 21:45	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/15/21 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/15/21 17:13	05/15/21 21:45	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/15/21 17:13	05/15/21 21:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 06:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 06:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 06:00	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 15:11	05/15/21 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	05/14/21 15:11	05/15/21 06:00	1
o-Terphenyl	109		70 - 130	05/14/21 15:11	05/15/21 06:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.8		4.98		mg/Kg			05/17/21 16:00	1

Client Sample ID: FS32 @ 0-6"

Lab Sample ID: 880-2171-32

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:13	05/15/21 22:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:13	05/15/21 22:05	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:13	05/15/21 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/15/21 17:13	05/15/21 22:05	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/15/21 17:13	05/15/21 22:05	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS32 @ 0-6"

Lab Sample ID: 880-2171-32

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:21	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	05/14/21 15:11	05/15/21 06:21	1
o-Terphenyl	115		70 - 130	05/14/21 15:11	05/15/21 06:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.2		49.7		mg/Kg			05/17/21 16:05	10

Client Sample ID: FS33 @ 0-6"

Lab Sample ID: 880-2171-33

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 22:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 22:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 22:26	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 22:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 22:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 22:26	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 22:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/15/21 22:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:13	05/15/21 22:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:41	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 06:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	05/14/21 15:11	05/15/21 06:41	1
o-Terphenyl	109		70 - 130	05/14/21 15:11	05/15/21 06:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	493		4.95		mg/Kg			05/17/21 16:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS34 @ 0-6"

Lab Sample ID: 880-2171-34

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:13	05/15/21 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 22:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:13	05/15/21 22:46	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:13	05/15/21 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/15/21 17:13	05/15/21 22:46	1
1,4-Difluorobenzene (Surr)	104		70 - 130	05/15/21 17:13	05/15/21 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	91.5		49.9		mg/Kg		05/14/21 15:11	05/15/21 07:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 07:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 07:02	1
Total TPH	91.5		49.9		mg/Kg		05/14/21 15:11	05/15/21 07:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	05/14/21 15:11	05/15/21 07:02	1
o-Terphenyl	106		70 - 130	05/14/21 15:11	05/15/21 07:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.2		5.00		mg/Kg			05/17/21 16:16	1

Client Sample ID: FS35 @ 0-6"

Lab Sample ID: 880-2171-35

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 23:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 23:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 23:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 23:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 23:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 23:07	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/15/21 17:13	05/15/21 23:07	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/15/21 23:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS35 @ 0-6"

Lab Sample ID: 880-2171-35

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:23	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	05/14/21 15:11	05/15/21 07:23	1
o-Terphenyl	114		70 - 130	05/14/21 15:11	05/15/21 07:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500	F1	4.96		mg/Kg			05/17/21 16:21	1

Client Sample ID: FS36 @ 0-6"

Lab Sample ID: 880-2171-36

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/15/21 23:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/15/21 23:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/15/21 23:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/15/21 23:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/15/21 23:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/15/21 23:27	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/15/21 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/15/21 17:13	05/15/21 23:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/15/21 23:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:44	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 07:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	05/14/21 15:11	05/15/21 07:44	1
o-Terphenyl	112		70 - 130	05/14/21 15:11	05/15/21 07:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		5.04		mg/Kg			05/17/21 16:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS37 @ 0-6"

Lab Sample ID: 880-2171-37

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 23:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 23:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 23:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 23:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/15/21 23:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 23:47	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/15/21 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	05/15/21 17:13	05/15/21 23:47	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/15/21 23:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 08:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 08:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 08:05	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:11	05/15/21 08:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	05/14/21 15:11	05/15/21 08:05	1
o-Terphenyl	106		70 - 130	05/14/21 15:11	05/15/21 08:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.4		5.03		mg/Kg			05/17/21 16:43	1

Client Sample ID: FS38 @ 0-6"

Lab Sample ID: 880-2171-38

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 00:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 00:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 00:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:13	05/16/21 00:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 00:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:13	05/16/21 00:08	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:13	05/16/21 00:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:13	05/16/21 00:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/15/21 17:13	05/16/21 00:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS38 @ 0-6"

Lab Sample ID: 880-2171-38

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 08:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 08:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 08:26	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 08:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/14/21 15:11	05/15/21 08:26	1
o-Terphenyl	114		70 - 130	05/14/21 15:11	05/15/21 08:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	321		5.05		mg/Kg			05/17/21 16:59	1

Client Sample ID: FS39 @ 0-6"

Lab Sample ID: 880-2171-39

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 01:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 01:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 01:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/16/21 01:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 01:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/16/21 01:29	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/16/21 01:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/15/21 17:13	05/16/21 01:29	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/16/21 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/17/21 09:43	05/17/21 20:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/17/21 09:43	05/17/21 20:43	1
Oil Range Organics (Over C28-C36)	80.8		49.9		mg/Kg		05/17/21 09:43	05/17/21 20:43	1
Total TPH	80.8		49.9		mg/Kg		05/17/21 09:43	05/17/21 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	05/17/21 09:43	05/17/21 20:43	1
o-Terphenyl	91		70 - 130	05/17/21 09:43	05/17/21 20:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.05		mg/Kg			05/17/21 17:04	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS40 @ 0-6"

Lab Sample ID: 880-2171-40

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 01:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 01:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 01:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/15/21 17:13	05/16/21 01:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 01:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/15/21 17:13	05/16/21 01:50	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		05/15/21 17:13	05/16/21 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/15/21 17:13	05/16/21 01:50	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:13	05/16/21 01:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 09:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 09:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 09:07	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	05/14/21 15:11	05/15/21 09:07	1
o-Terphenyl	120		70 - 130	05/14/21 15:11	05/15/21 09:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		5.00		mg/Kg			05/17/21 17:27	1

Client Sample ID: FS41@ 0-6"

Lab Sample ID: 880-2171-41

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:10	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/16/21 02:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:10	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/16/21 02:10	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/16/21 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/15/21 17:13	05/16/21 02:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/16/21 02:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS41@ 0-6"

Lab Sample ID: 880-2171-41

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 00:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 00:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 00:52	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	05/14/21 15:30	05/16/21 00:52	1
o-Terphenyl	88		70 - 130	05/14/21 15:30	05/16/21 00:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	814		4.98		mg/Kg			05/17/21 17:32	1

Client Sample ID: FS42 @ 0-6"

Lab Sample ID: 880-2171-42

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/15/21 17:13	05/16/21 02:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 02:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/15/21 17:13	05/16/21 02:31	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		05/15/21 17:13	05/16/21 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:13	05/16/21 02:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/15/21 17:13	05/16/21 02:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:12	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	05/14/21 15:30	05/16/21 01:12	1
o-Terphenyl	87		70 - 130	05/14/21 15:30	05/16/21 01:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.7		4.97		mg/Kg			05/17/21 17:38	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS43 @ 0-6"

Lab Sample ID: 880-2171-43

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/16/21 02:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/16/21 02:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/16/21 02:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/16/21 02:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:13	05/16/21 02:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/16/21 02:51	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:13	05/16/21 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/15/21 17:13	05/16/21 02:51	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/16/21 02:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 01:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 01:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 01:33	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/16/21 01:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	05/14/21 15:30	05/16/21 01:33	1
o-Terphenyl	99		70 - 130	05/14/21 15:30	05/16/21 01:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.9		4.95		mg/Kg			05/17/21 17:43	1

Client Sample ID: FS44 @ 0-6"

Lab Sample ID: 880-2171-44

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 03:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 03:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 03:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/16/21 03:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:13	05/16/21 03:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/16/21 03:12	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:13	05/16/21 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/15/21 17:13	05/16/21 03:12	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/15/21 17:13	05/16/21 03:12	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS44 @ 0-6"

Lab Sample ID: 880-2171-44

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:54	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	05/14/21 15:30	05/16/21 01:54	1
o-Terphenyl	89		70 - 130	05/14/21 15:30	05/16/21 01:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		5.00		mg/Kg			05/17/21 17:48	1

Client Sample ID: FS45 @ 0-6"

Lab Sample ID: 880-2171-45

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 03:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 03:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 03:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/15/21 17:13	05/16/21 03:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/15/21 17:13	05/16/21 03:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/15/21 17:13	05/16/21 03:32	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		05/15/21 17:13	05/16/21 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	05/15/21 17:13	05/16/21 03:32	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/16/21 03:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 07:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 07:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 07:44	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 07:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	05/14/21 15:47	05/15/21 07:44	1
o-Terphenyl	108		70 - 130	05/14/21 15:47	05/15/21 07:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		5.04		mg/Kg			05/17/21 18:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS46 @ 0-6"

Lab Sample ID: 880-2171-46

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 03:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 03:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 03:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/16/21 03:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/16/21 03:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/16/21 03:52	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/16/21 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/15/21 17:13	05/16/21 03:52	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/15/21 17:13	05/16/21 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:47	05/15/21 08:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:47	05/15/21 08:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:47	05/15/21 08:05	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:47	05/15/21 08:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	05/14/21 15:47	05/15/21 08:05	1
o-Terphenyl	109		70 - 130	05/14/21 15:47	05/15/21 08:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		4.97		mg/Kg			05/17/21 18:48	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-2171-1	FS1 @ 0-6"	117	97
880-2171-2	FS2 @ 0-6"	112	98
880-2171-3	FS3 @ 0-6"	114	99
880-2171-4	FS4 @ 0-6"	115	99
880-2171-5	FS5 @ 0-6"	114	97
880-2171-6	FS6 @ 0-6"	112	98
880-2171-7	FS7 @ 0-6"	120	102
880-2171-8	FS8 @ 0-6"	114	99
880-2171-9	FS9 @ 0-6"	106	96
880-2171-9 MS	FS9 @ 0-6"	110	94
880-2171-9 MSD	FS9 @ 0-6"	104	98
880-2171-10	FS10 @ 0-6"	110	96
880-2171-11	FS11 @ 0-6"	112	99
880-2171-12	FS12 @ 0-6"	111	97
880-2171-13	FS13 @ 0-6"	110	101
880-2171-14	FS14 @ 0-6"	111	100
880-2171-15	FS15 @ 0-6"	115	101
880-2171-16	FS16 @ 0-6"	110	98
880-2171-17	FS17 @ 0-6"	110	98
880-2171-18	FS18 @ 0-6"	107	102
880-2171-19	FS19 @ 0-6"	106	98
880-2171-20	FS20 @ 0-6"	118	97
880-2171-21	FS21 @ 0-6"	113	101
880-2171-22	FS22 @ 0-6"	113	99
880-2171-23	FS23 @ 0-6"	114	101
880-2171-24	FS24 @ 0-6"	114	98
880-2171-25	FS25 @ 0-6"	112	100
880-2171-26	FS26 @ 0-6"	109	100
880-2171-27	FS27 @ 0-6"	114	100
880-2171-28	FS28 @ 0-6"	111	98
880-2171-29	FS29 @ 0-6"	98	97
880-2171-29 MS	FS29 @ 0-6"	108	107
880-2171-29 MSD	FS29 @ 0-6"	107	108
880-2171-30	FS30 @ 0-6"	96	98
880-2171-31	FS31 @ 0-6"	97	100
880-2171-32	FS32 @ 0-6"	97	96
880-2171-33	FS33 @ 0-6"	95	97
880-2171-34	FS34 @ 0-6"	109	104
880-2171-35	FS35 @ 0-6"	97	95
880-2171-36	FS36 @ 0-6"	111	95
880-2171-37	FS37 @ 0-6"	104	95
880-2171-38	FS38 @ 0-6"	96	94
880-2171-39	FS39 @ 0-6"	94	95
880-2171-40	FS40 @ 0-6"	94	97
880-2171-41	FS41 @ 0-6"	92	95
880-2171-42	FS42 @ 0-6"	96	92
880-2171-43	FS43 @ 0-6"	100	95
880-2171-44	FS44 @ 0-6"	100	93
880-2171-45	FS45 @ 0-6"	93	95

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-2171-46	FS46 @ 0-6"	94	98
LCS 880-3153/1-A	Lab Control Sample	102	95
LCS 880-3155/1-A	Lab Control Sample	104	96
LCS 880-3156/1-A	Lab Control Sample	100	101
LCSD 880-3153/2-A	Lab Control Sample Dup	102	98
LCSD 880-3156/2-A	Lab Control Sample Dup	109	107
MB 880-3153/5-A	Method Blank	107	95
MB 880-3155/5-A	Method Blank	105	92
MB 880-3156/5-A	Method Blank	87	95
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
LCSD 880-3155/2-A	Lab Control Sample Dup		
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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)
880-2171-1	FS1 @ 0-6"	98	100
880-2171-1 MS	FS1 @ 0-6"	97	82
880-2171-1 MSD	FS1 @ 0-6"	90	82
880-2171-2	FS2 @ 0-6"	99	102
880-2171-3	FS3 @ 0-6"	100	105
880-2171-4	FS4 @ 0-6"	98	96
880-2171-5	FS5 @ 0-6"	95	95
880-2171-6	FS6 @ 0-6"	97	103
880-2171-7	FS7 @ 0-6"	103	102
880-2171-8	FS8 @ 0-6"	99	101
880-2171-9	FS9 @ 0-6"	84	88
880-2171-10	FS10 @ 0-6"	91	94
880-2171-11	FS11 @ 0-6"	80	81
880-2171-12	FS12 @ 0-6"	78	79
880-2171-13	FS13 @ 0-6"	86	90
880-2171-14	FS14 @ 0-6"	88	93
880-2171-15	FS15 @ 0-6"	82	87
880-2171-16	FS16 @ 0-6"	93	94
880-2171-17	FS17 @ 0-6"	98	102
880-2171-18	FS18 @ 0-6"	83	84

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions

Job ID: 880-2171-1

Project/Site: Wrigley SWD

SDG: Goodnight

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2171-19	FS19 @ 0-6"	84	86
880-2171-20	FS20 @ 0-6"	48 S1-	91
880-2171-21	FS21 @ 0-6"	101	111
880-2171-21 MS	FS21 @ 0-6"	85	91
880-2171-21 MSD	FS21 @ 0-6"	95	99
880-2171-22	FS22 @ 0-6"	93	113
880-2171-23	FS23 @ 0-6"	86	96
880-2171-24	FS24 @ 0-6"	105	120
880-2171-25	FS25 @ 0-6"	84	99
880-2171-26	FS26 @ 0-6"	88	108
880-2171-27	FS27 @ 0-6"	94	109
880-2171-28	FS28 @ 0-6"	87	95
880-2171-29	FS29 @ 0-6"	85	97
880-2171-30	FS30 @ 0-6"	91	97
880-2171-31	FS31 @ 0-6"	90	109
880-2171-32	FS32 @ 0-6"	96	115
880-2171-33	FS33 @ 0-6"	90	109
880-2171-34	FS34 @ 0-6"	89	106
880-2171-35	FS35 @ 0-6"	93	114
880-2171-36	FS36 @ 0-6"	94	112
880-2171-37	FS37 @ 0-6"	89	106
880-2171-38	FS38 @ 0-6"	98	114
880-2171-39	FS39 @ 0-6"	89	91
880-2171-40	FS40 @ 0-6"	105	120
880-2171-41	FS41 @ 0-6"	84	88
880-2171-42	FS42 @ 0-6"	84	87
880-2171-43	FS43 @ 0-6"	99	99
880-2171-44	FS44 @ 0-6"	86	89
880-2171-45	FS45 @ 0-6"	105	108
880-2171-46	FS46 @ 0-6"	107	109
LCS 880-3131/2-A	Lab Control Sample	111	105
LCS 880-3132/2-A	Lab Control Sample	102	115
LCS 880-3133/2-A	Lab Control Sample	91	92
LCS 880-3136/2-A	Lab Control Sample	104	97
LCS 880-3170/2-A	Lab Control Sample	102	102
LCSD 880-3131/3-A	Lab Control Sample Dup	103	100
LCSD 880-3132/3-A	Lab Control Sample Dup	104	115
LCSD 880-3133/3-A	Lab Control Sample Dup	93	94
LCSD 880-3136/3-A	Lab Control Sample Dup	103	98
LCSD 880-3170/3-A	Lab Control Sample Dup	106	106
MB 880-3131/1-A	Method Blank	102	104
MB 880-3132/1-A	Method Blank	121	149 S1+
MB 880-3133/1-A	Method Blank	87	93
MB 880-3136/1-A	Method Blank	128	133 S1+
MB 880-3170/1-A	Method Blank	87	97

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3153/5-A

Matrix: Solid

Analysis Batch: 3154

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/15/21 20:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/15/21 20:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/15/21 20:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 16:57	05/15/21 20:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 16:57	05/15/21 20:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 16:57	05/15/21 20:44	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 16:57	05/15/21 20:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/15/21 16:57	05/15/21 20:44	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 16:57	05/15/21 20:44	1

Lab Sample ID: LCS 880-3153/1-A

Matrix: Solid

Analysis Batch: 3154

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07960		mg/Kg		80	70 - 130
Toluene	0.100	0.09432		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09982		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2034		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1023		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-3153/2-A

Matrix: Solid

Analysis Batch: 3154

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3153

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08146		mg/Kg		81	70 - 130	2	35
Toluene	0.100	0.09555		mg/Kg		96	70 - 130	1	35
Ethylbenzene	0.100	0.1018		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2071		mg/Kg		104	70 - 130	2	35
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-3155/5-A

Matrix: Solid

Analysis Batch: 3159

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 11:44	1

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: MB 880-3155/5-A

Matrix: Solid

Analysis Batch: 3159

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 11:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 11:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 17:05	05/17/21 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:05	05/17/21 11:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 17:05	05/17/21 11:44	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 17:05	05/17/21 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	05/15/21 17:05	05/17/21 11:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/15/21 17:05	05/17/21 11:44	1

Lab Sample ID: LCS 880-3155/1-A

Matrix: Solid

Analysis Batch: 3159

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07586		mg/Kg		76	70 - 130
Toluene	0.100	0.09239		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09888		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2017		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-3155/2-A

Matrix: Solid

Analysis Batch: 3159

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3155

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07392		mg/Kg					
Toluene	0.100	0.09420		mg/Kg					
Ethylbenzene	0.100	0.1011		mg/Kg					
m-Xylene & p-Xylene	0.200	0.2067		mg/Kg					
o-Xylene	0.100	0.1048		mg/Kg					

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 880-2171-9 MS

Matrix: Solid

Analysis Batch: 3159

Client Sample ID: FS9 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.06209	F1	mg/Kg		62	70 - 130
Toluene	<0.00200	U F1	0.0998	0.06617	F1	mg/Kg		66	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: 880-2171-9 MS

Matrix: Solid

Analysis Batch: 3159

Client Sample ID: FS9 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U F1	0.0998	0.05684	F1	mg/Kg		57	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1141	F1	mg/Kg		57	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.05765	F1	mg/Kg		58	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-2171-9 MSD

Matrix: Solid

Analysis Batch: 3159

Client Sample ID: FS9 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0990	0.06355	F1	mg/Kg		64	70 - 130	2	35
Toluene	<0.00200	U F1	0.0990	0.07163		mg/Kg		72	70 - 130	8	35
Ethylbenzene	<0.00200	U F1	0.0990	0.07255		mg/Kg		73	70 - 130	24	35
m-Xylene & p-Xylene	<0.00399	U F1	0.198	0.1321	F1	mg/Kg		67	70 - 130	15	35
o-Xylene	<0.00200	U F1	0.0990	0.06721	F1	mg/Kg		68	70 - 130	15	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-3156/5-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 20:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	05/15/21 17:13	05/15/21 20:43	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/15/21 20:43	1

Lab Sample ID: LCS 880-3156/1-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08681		mg/Kg		87	70 - 130
Toluene	0.100	0.08443		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08867		mg/Kg		89	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: LCS 880-3156/1-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09881		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-3156/2-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3156

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08511		mg/Kg		85	70 - 130	2	35
Toluene	0.100	0.08282		mg/Kg		83	70 - 130	2	35
Ethylbenzene	0.100	0.08668		mg/Kg		87	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1839		mg/Kg		92	70 - 130	2	35
o-Xylene	0.100	0.09610		mg/Kg		96	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-2171-29 MS

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: FS29 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.101	0.09018		mg/Kg		89	70 - 130
Toluene	<0.00202	U	0.101	0.08545		mg/Kg		85	70 - 130
Ethylbenzene	<0.00202	U	0.101	0.08582		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.202	0.1832		mg/Kg		91	70 - 130
o-Xylene	<0.00202	U	0.101	0.09300		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-2171-29 MSD

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: FS29 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3156

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.09540		mg/Kg		96	70 - 130	6	35
Toluene	<0.00202	U	0.0990	0.08915		mg/Kg		90	70 - 130	4	35
Ethylbenzene	<0.00202	U	0.0990	0.08902		mg/Kg		90	70 - 130	4	35
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1882		mg/Kg		95	70 - 130	3	35
o-Xylene	<0.00202	U	0.0990	0.09456		mg/Kg		96	70 - 130	2	35

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: 880-2171-29 MSD

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: FS29 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3156

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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

Lab Sample ID: MB 880-3131/1-A

Matrix: Solid

Analysis Batch: 3146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3131

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1	
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 14:57	05/16/21 02:56	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	102		70 - 130				05/14/21 14:57	05/16/21 02:56	1	
o-Terphenyl	104		70 - 130				05/14/21 14:57	05/16/21 02:56	1	

Lab Sample ID: LCS 880-3131/2-A

Matrix: Solid

Analysis Batch: 3146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3131

			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	993.3		mg/Kg		99	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1119		mg/Kg		112	70 - 130	
Surrogate	LCS	LCS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane	111		70 - 130							
o-Terphenyl	105		70 - 130							

Lab Sample ID: LCSD 880-3131/3-A

Matrix: Solid

Analysis Batch: 3146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3131

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	963.0		mg/Kg		96	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1055		mg/Kg		106	70 - 130	6	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	100		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: 880-2171-1 MS

Matrix: Solid

Analysis Batch: 3146

Client Sample ID: FS1 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3131

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	996	970.1		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1175		mg/Kg		118	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	82		70 - 130						

Lab Sample ID: 880-2171-1 MSD

Matrix: Solid

Analysis Batch: 3146

Client Sample ID: FS1 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3131

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	996	918.4		mg/Kg		92	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1124		mg/Kg		113	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	82		70 - 130								

Lab Sample ID: MB 880-3132/1-A

Matrix: Solid

Analysis Batch: 3111

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3132

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 00:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 00:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 00:26	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:11	05/15/21 00:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				05/14/21 15:11	05/15/21 00:26	1
o-Terphenyl	149	S1+	70 - 130				05/14/21 15:11	05/15/21 00:26	1

Lab Sample ID: LCS 880-3132/2-A

Matrix: Solid

Analysis Batch: 3111

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1175		mg/Kg		117	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: LCS 880-3132/2-A

Matrix: Solid

Analysis Batch: 3111

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3132

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-3132/3-A

Matrix: Solid

Analysis Batch: 3111

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3132

	Spike	LCSD	LCSD					%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Gasoline Range Organics (GRO)-C6-C10	1000	914.4		mg/Kg		91	70 - 130	10	20		
Diesel Range Organics (Over C10-C28)	1000	1188		mg/Kg		119	70 - 130	1	20		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-2171-21 MS

Matrix: Solid

Analysis Batch: 3111

Client Sample ID: FS21 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3132

	Sample	Sample	Spike	MS	MS			%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	935.7		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1127		mg/Kg		112	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-2171-21 MSD

Matrix: Solid

Analysis Batch: 3111

Client Sample ID: FS21 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3132

	Sample	Sample	Spike	MSD	MSD			%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	921.0		mg/Kg		90	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1252		mg/Kg		124	70 - 130	10	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	99		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: MB 880-3133/1-A

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3133

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	05/14/21 15:30	05/15/21 17:10	1
o-Terphenyl	93		70 - 130	05/14/21 15:30	05/15/21 17:10	1

Lab Sample ID: LCS 880-3133/2-A

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3133

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	857.6		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	943.5		mg/Kg		94	70 - 130

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

Lab Sample ID: LCSD 880-3133/3-A

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3133

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	831.3		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	960.7		mg/Kg		96	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: MB 880-3136/1-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3136

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 00:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 00:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 00:26	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:47	05/15/21 00:26	1

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	05/14/21 15:47	05/15/21 00:26	1
o-Terphenyl	133	S1+	70 - 130	05/14/21 15:47	05/15/21 00:26	1

Lab Sample ID: LCS 880-3136/2-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3136

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	898.1		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: LCSD 880-3136/3-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3136

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	889.0		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: MB 880-3170/1-A

Matrix: Solid

Analysis Batch: 3162

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 12:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 12:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 12:03	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/21 09:43	05/17/21 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	05/17/21 09:43	05/17/21 12:03	1
o-Terphenyl	97		70 - 130	05/17/21 09:43	05/17/21 12:03	1

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

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

Lab Sample ID: LCS 880-3170/2-A

Matrix: Solid

Analysis Batch: 3162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3170

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	847.6		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1130		mg/Kg		113	70 - 130		

Lab Sample ID: LCSD 880-3170/3-A

Matrix: Solid

Analysis Batch: 3162

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3170

Top Data Only											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	876.6		mg/Kg		88	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1185		mg/Kg		118	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	106		70 - 130								
o-Terphenyl	106		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3121/1-A

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/15/21 13:33	1

Lab Sample ID: LCS 880-3121/2-A

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	246.6		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-3121/3-A

Matrix: Solid

Analysis Batch: 3151

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	246.2		mg/Kg		98	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-3122/1-A

Matrix: Solid

Analysis Batch: 3174

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/17/21 18:23	1

Lab Sample ID: LCS 880-3122/3-A

Matrix: Solid

Analysis Batch: 3174

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	252.2		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-3122/2-A

Matrix: Solid

Analysis Batch: 3174

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	259.3		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-2171-5 MS

Matrix: Solid

Analysis Batch: 3174

Client Sample ID: FS5 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	323		250	565.8		mg/Kg		97	90 - 110

Lab Sample ID: 880-2171-5 MSD

Matrix: Solid

Analysis Batch: 3174

Client Sample ID: FS5 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	323		250	559.8		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-2171-15 MS

Matrix: Solid

Analysis Batch: 3174

Client Sample ID: FS15 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	152		248	400.2		mg/Kg		100	90 - 110

Lab Sample ID: 880-2171-15 MSD

Matrix: Solid

Analysis Batch: 3174

Client Sample ID: FS15 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	152		248	393.6		mg/Kg		97	90 - 110	2	20

Lab Sample ID: MB 880-3123/1-A

Matrix: Solid

Analysis Batch: 3177

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/17/21 14:50	1

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-3123/2-A

Matrix: Solid

Analysis Batch: 3177

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	236.8		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-3123/3-A

Matrix: Solid

Analysis Batch: 3177

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	240.3		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-2171-25 MS

Matrix: Solid

Analysis Batch: 3177

Client Sample ID: FS25 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	255	F1 F2	250	467.0	F1	mg/Kg		85	90 - 110

Lab Sample ID: 880-2171-25 MSD

Matrix: Solid

Analysis Batch: 3177

Client Sample ID: FS25 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	255	F1 F2	250	276.6	F1 F2	mg/Kg		9	90 - 110	51	20

Lab Sample ID: 880-2171-35 MS

Matrix: Solid

Analysis Batch: 3177

Client Sample ID: FS35 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	F1	248	694.8	F1	mg/Kg		79	90 - 110

Lab Sample ID: 880-2171-35 MSD

Matrix: Solid

Analysis Batch: 3177

Client Sample ID: FS35 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	500	F1	248	709.8	F1	mg/Kg		85	90 - 110	2	20

Lab Sample ID: MB 880-3124/1-A

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/17/21 18:15	1

Lab Sample ID: LCS 880-3124/2-A

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	237.1		mg/Kg		95	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-3124/3-A

Matrix: Solid

Analysis Batch: 3178

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	237.8		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-2171-45 MS

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: FS45 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	17.3		252	262.7		mg/Kg		97	90 - 110		

Lab Sample ID: 880-2171-45 MSD

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: FS45 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	17.3		252	250.9		mg/Kg		93	90 - 110	5	20

Lab Sample ID: MB 880-3228/1-A

Matrix: Solid

Analysis Batch: 3257

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/20/21 11:49	1

Lab Sample ID: LCS 880-3228/2-A

Matrix: Solid

Analysis Batch: 3257

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	244.2		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-3228/3-A

Matrix: Solid

Analysis Batch: 3257

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	243.7		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-2171-2 MS

Matrix: Solid

Analysis Batch: 3257

Client Sample ID: FS2 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3080		248	4321	4	mg/Kg		502	90 - 110		

Lab Sample ID: 880-2171-2 MSD

Matrix: Solid

Analysis Batch: 3257

Client Sample ID: FS2 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3080		248	4319	4	mg/Kg		501	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

GC VOA

Prep Batch: 3153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-1	FS1 @ 0-6"	Total/NA	Solid	5035	
880-2171-2	FS2 @ 0-6"	Total/NA	Solid	5035	
880-2171-3	FS3 @ 0-6"	Total/NA	Solid	5035	
880-2171-4	FS4 @ 0-6"	Total/NA	Solid	5035	
880-2171-5	FS5 @ 0-6"	Total/NA	Solid	5035	
880-2171-6	FS6 @ 0-6"	Total/NA	Solid	5035	
880-2171-7	FS7 @ 0-6"	Total/NA	Solid	5035	
880-2171-8	FS8 @ 0-6"	Total/NA	Solid	5035	
MB 880-3153/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3153/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3153/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 3154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-1	FS1 @ 0-6"	Total/NA	Solid	8021B	3153
880-2171-2	FS2 @ 0-6"	Total/NA	Solid	8021B	3153
880-2171-3	FS3 @ 0-6"	Total/NA	Solid	8021B	3153
880-2171-4	FS4 @ 0-6"	Total/NA	Solid	8021B	3153
880-2171-5	FS5 @ 0-6"	Total/NA	Solid	8021B	3153
880-2171-6	FS6 @ 0-6"	Total/NA	Solid	8021B	3153
880-2171-7	FS7 @ 0-6"	Total/NA	Solid	8021B	3153
880-2171-8	FS8 @ 0-6"	Total/NA	Solid	8021B	3153
MB 880-3153/5-A	Method Blank	Total/NA	Solid	8021B	3153
LCS 880-3153/1-A	Lab Control Sample	Total/NA	Solid	8021B	3153
LCSD 880-3153/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3153

Prep Batch: 3155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-9	FS9 @ 0-6"	Total/NA	Solid	5035	
880-2171-10	FS10 @ 0-6"	Total/NA	Solid	5035	
880-2171-11	FS11 @ 0-6"	Total/NA	Solid	5035	
880-2171-12	FS12 @ 0-6"	Total/NA	Solid	5035	
880-2171-13	FS13 @ 0-6"	Total/NA	Solid	5035	
880-2171-14	FS14 @ 0-6"	Total/NA	Solid	5035	
880-2171-15	FS15 @ 0-6"	Total/NA	Solid	5035	
880-2171-16	FS16 @ 0-6"	Total/NA	Solid	5035	
880-2171-17	FS17 @ 0-6"	Total/NA	Solid	5035	
880-2171-18	FS18 @ 0-6"	Total/NA	Solid	5035	
880-2171-19	FS19 @ 0-6"	Total/NA	Solid	5035	
880-2171-20	FS20 @ 0-6"	Total/NA	Solid	5035	
880-2171-21	FS21 @ 0-6"	Total/NA	Solid	5035	
880-2171-22	FS22 @ 0-6"	Total/NA	Solid	5035	
880-2171-23	FS23 @ 0-6"	Total/NA	Solid	5035	
880-2171-24	FS24 @ 0-6"	Total/NA	Solid	5035	
880-2171-25	FS25 @ 0-6"	Total/NA	Solid	5035	
880-2171-26	FS26 @ 0-6"	Total/NA	Solid	5035	
880-2171-27	FS27 @ 0-6"	Total/NA	Solid	5035	
880-2171-28	FS28 @ 0-6"	Total/NA	Solid	5035	
MB 880-3155/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3155/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3155/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

GC VOA (Continued)

Prep Batch: 3155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-9 MS	FS9 @ 0-6"	Total/NA	Solid	5035	
880-2171-9 MSD	FS9 @ 0-6"	Total/NA	Solid	5035	

Prep Batch: 3156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-29	FS29 @ 0-6"	Total/NA	Solid	5035	
880-2171-30	FS30 @ 0-6"	Total/NA	Solid	5035	
880-2171-31	FS31 @ 0-6"	Total/NA	Solid	5035	
880-2171-32	FS32 @ 0-6"	Total/NA	Solid	5035	
880-2171-33	FS33 @ 0-6"	Total/NA	Solid	5035	
880-2171-34	FS34 @ 0-6"	Total/NA	Solid	5035	
880-2171-35	FS35 @ 0-6"	Total/NA	Solid	5035	
880-2171-36	FS36 @ 0-6"	Total/NA	Solid	5035	
880-2171-37	FS37 @ 0-6"	Total/NA	Solid	5035	
880-2171-38	FS38 @ 0-6"	Total/NA	Solid	5035	
880-2171-39	FS39 @ 0-6"	Total/NA	Solid	5035	
880-2171-40	FS40 @ 0-6"	Total/NA	Solid	5035	
880-2171-41	FS41 @ 0-6"	Total/NA	Solid	5035	
880-2171-42	FS42 @ 0-6"	Total/NA	Solid	5035	
880-2171-43	FS43 @ 0-6"	Total/NA	Solid	5035	
880-2171-44	FS44 @ 0-6"	Total/NA	Solid	5035	
880-2171-45	FS45 @ 0-6"	Total/NA	Solid	5035	
880-2171-46	FS46 @ 0-6"	Total/NA	Solid	5035	
MB 880-3156/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3156/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3156/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2171-29 MS	FS29 @ 0-6"	Total/NA	Solid	5035	
880-2171-29 MSD	FS29 @ 0-6"	Total/NA	Solid	5035	

Analysis Batch: 3157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-29	FS29 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-30	FS30 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-31	FS31 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-32	FS32 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-33	FS33 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-34	FS34 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-35	FS35 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-36	FS36 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-37	FS37 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-38	FS38 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-39	FS39 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-40	FS40 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-41	FS41 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-42	FS42 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-43	FS43 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-44	FS44 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-45	FS45 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-46	FS46 @ 0-6"	Total/NA	Solid	8021B	3156
MB 880-3156/5-A	Method Blank	Total/NA	Solid	8021B	3156
LCS 880-3156/1-A	Lab Control Sample	Total/NA	Solid	8021B	3156

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

GC VOA (Continued)

Analysis Batch: 3157 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-3156/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3156
880-2171-29 MS	FS29 @ 0-6"	Total/NA	Solid	8021B	3156
880-2171-29 MSD	FS29 @ 0-6"	Total/NA	Solid	8021B	3156

Analysis Batch: 3159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-9	FS9 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-10	FS10 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-11	FS11 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-12	FS12 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-13	FS13 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-14	FS14 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-15	FS15 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-16	FS16 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-17	FS17 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-18	FS18 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-19	FS19 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-20	FS20 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-21	FS21 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-22	FS22 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-23	FS23 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-24	FS24 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-25	FS25 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-26	FS26 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-27	FS27 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-28	FS28 @ 0-6"	Total/NA	Solid	8021B	3155
MB 880-3155/5-A	Method Blank	Total/NA	Solid	8021B	3155
LCS 880-3155/1-A	Lab Control Sample	Total/NA	Solid	8021B	3155
LCSD 880-3155/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3155
880-2171-9 MS	FS9 @ 0-6"	Total/NA	Solid	8021B	3155
880-2171-9 MSD	FS9 @ 0-6"	Total/NA	Solid	8021B	3155

GC Semi VOA

Analysis Batch: 3108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-45	FS45 @ 0-6"	Total/NA	Solid	8015B NM	3136
880-2171-46	FS46 @ 0-6"	Total/NA	Solid	8015B NM	3136
MB 880-3136/1-A	Method Blank	Total/NA	Solid	8015B NM	3136
LCS 880-3136/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3136
LCSD 880-3136/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3136

Analysis Batch: 3111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-21	FS21 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-22	FS22 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-24	FS24 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-25	FS25 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-26	FS26 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-27	FS27 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-29	FS29 @ 0-6"	Total/NA	Solid	8015B NM	3132

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

GC Semi VOA (Continued)

Analysis Batch: 3111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-31	FS31 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-32	FS32 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-33	FS33 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-34	FS34 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-35	FS35 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-36	FS36 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-37	FS37 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-38	FS38 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-40	FS40 @ 0-6"	Total/NA	Solid	8015B NM	3132
MB 880-3132/1-A	Method Blank	Total/NA	Solid	8015B NM	3132
LCS 880-3132/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3132
LCSD 880-3132/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3132
880-2171-21 MS	FS21 @ 0-6"	Total/NA	Solid	8015B NM	3132
880-2171-21 MSD	FS21 @ 0-6"	Total/NA	Solid	8015B NM	3132

Prep Batch: 3131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-1	FS1 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-2	FS2 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-3	FS3 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-4	FS4 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-5	FS5 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-6	FS6 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-7	FS17 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-8	FS8 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-9	FS9 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-10	FS10 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-11	FS11 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-12	FS12 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-13	FS13 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-14	FS14 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-15	FS15 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-16	FS16 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-17	FS17 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-18	FS18 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-19	FS19 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-20	FS20 @ 0-6"	Total/NA	Solid	8015NM Prep	
MB 880-3131/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3131/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2171-1 MS	FS1 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-1 MSD	FS1 @ 0-6"	Total/NA	Solid	8015NM Prep	

Prep Batch: 3132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-21	FS21 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-22	FS22 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-24	FS24 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-25	FS25 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-26	FS26 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-27	FS27 @ 0-6"	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

GC Semi VOA (Continued)

Prep Batch: 3132 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-29	FS29 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-31	FS31 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-32	FS32 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-33	FS33 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-34	FS34 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-35	FS35 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-36	FS36 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-37	FS37 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-38	FS38 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-40	FS40 @ 0-6"	Total/NA	Solid	8015NM Prep	
MB 880-3132/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3132/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3132/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2171-21 MS	FS21 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-21 MSD	FS21 @ 0-6"	Total/NA	Solid	8015NM Prep	

Prep Batch: 3133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-41	FS41 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-42	FS42 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-43	FS43 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-44	FS44 @ 0-6"	Total/NA	Solid	8015NM Prep	
MB 880-3133/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3133/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3133/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 3136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-45	FS45 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-46	FS46 @ 0-6"	Total/NA	Solid	8015NM Prep	
MB 880-3136/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3136/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3136/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-1	FS1 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-2	FS2 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-3	FS3 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-4	FS4 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-5	FS5 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-6	FS6 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-7	FS17 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-8	FS8 @ 0-6"	Total/NA	Solid	8015B NM	3131
MB 880-3131/1-A	Method Blank	Total/NA	Solid	8015B NM	3131
LCS 880-3131/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3131
LCSD 880-3131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3131
880-2171-1 MS	FS1 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-1 MSD	FS1 @ 0-6"	Total/NA	Solid	8015B NM	3131

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

GC Semi VOA

Analysis Batch: 3148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-9	FS9 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-10	FS10 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-11	FS11 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-12	FS12 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-13	FS13 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-14	FS14 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-15	FS15 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-16	FS16 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-17	FS17 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-18	FS18 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-19	FS19 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-20	FS20 @ 0-6"	Total/NA	Solid	8015B NM	3131
880-2171-41	FS41 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2171-42	FS42 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2171-43	FS43 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2171-44	FS44 @ 0-6"	Total/NA	Solid	8015B NM	3133
MB 880-3133/1-A	Method Blank	Total/NA	Solid	8015B NM	3133
LCS 880-3133/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3133
LCSD 880-3133/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3133

Analysis Batch: 3162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-23	FS23 @ 0-6"	Total/NA	Solid	8015B NM	3170
880-2171-28	FS28 @ 0-6"	Total/NA	Solid	8015B NM	3170
880-2171-30	FS30 @ 0-6"	Total/NA	Solid	8015B NM	3170
880-2171-39	FS39 @ 0-6"	Total/NA	Solid	8015B NM	3170
MB 880-3170/1-A	Method Blank	Total/NA	Solid	8015B NM	3170
LCS 880-3170/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3170
LCSD 880-3170/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3170

Prep Batch: 3170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-23	FS23 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-28	FS28 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-30	FS30 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2171-39	FS39 @ 0-6"	Total/NA	Solid	8015NM Prep	
MB 880-3170/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3170/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3170/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-1	FS1 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-4	FS4 @ 0-6"	Soluble	Solid	DI Leach	
MB 880-3121/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3121/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3121/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

HPLC/IC

Leach Batch: 3122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-5	FS5 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-6	FS6 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-7	FS17 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-8	FS8 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-9	FS9 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-10	FS10 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-11	FS11 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-12	FS12 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-13	FS13 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-14	FS14 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-15	FS15 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-16	FS16 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-17	FS17 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-18	FS18 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-19	FS19 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-20	FS20 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-21	FS21 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-22	FS22 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-23	FS23 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-24	FS24 @ 0-6"	Soluble	Solid	DI Leach	
MB 880-3122/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3122/3-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3122/2-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2171-5 MS	FS5 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-5 MSD	FS5 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-15 MS	FS15 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-15 MSD	FS15 @ 0-6"	Soluble	Solid	DI Leach	

Leach Batch: 3123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-25	FS25 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-26	FS26 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-27	FS27 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-28	FS28 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-29	FS29 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-30	FS30 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-31	FS31 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-32	FS32 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-33	FS33 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-34	FS34 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-35	FS35 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-36	FS36 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-37	FS37 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-38	FS38 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-39	FS39 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-40	FS40 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-41	FS41 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-42	FS42 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-43	FS43 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-44	FS44 @ 0-6"	Soluble	Solid	DI Leach	
MB 880-3123/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

HPLC/IC (Continued)

Leach Batch: 3123 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-3123/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3123/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2171-25 MS	FS25 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-25 MSD	FS25 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-35 MS	FS35 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-35 MSD	FS35 @ 0-6"	Soluble	Solid	DI Leach	

Leach Batch: 3124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-45	FS45 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-46	FS46 @ 0-6"	Soluble	Solid	DI Leach	
MB 880-3124/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3124/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3124/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2171-45 MS	FS45 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-45 MSD	FS45 @ 0-6"	Soluble	Solid	DI Leach	

Analysis Batch: 3151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-1	FS1 @ 0-6"	Soluble	Solid	300.0	3121
880-2171-4	FS4 @ 0-6"	Soluble	Solid	300.0	3121
MB 880-3121/1-A	Method Blank	Soluble	Solid	300.0	3121
LCS 880-3121/2-A	Lab Control Sample	Soluble	Solid	300.0	3121
LCSD 880-3121/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3121

Analysis Batch: 3174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-5	FS5 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-6	FS6 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-7	FS17 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-8	FS8 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-9	FS9 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-10	FS10 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-11	FS11 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-12	FS12 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-13	FS13 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-14	FS14 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-15	FS15 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-16	FS16 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-17	FS17 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-18	FS18 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-19	FS19 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-20	FS20 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-21	FS21 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-22	FS22 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-23	FS23 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-24	FS24 @ 0-6"	Soluble	Solid	300.0	3122
MB 880-3122/1-A	Method Blank	Soluble	Solid	300.0	3122
LCS 880-3122/3-A	Lab Control Sample	Soluble	Solid	300.0	3122
LCSD 880-3122/2-A	Lab Control Sample Dup	Soluble	Solid	300.0	3122
880-2171-5 MS	FS5 @ 0-6"	Soluble	Solid	300.0	3122

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

HPLC/IC (Continued)

Analysis Batch: 3174 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-5 MSD	FS5 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-15 MS	FS15 @ 0-6"	Soluble	Solid	300.0	3122
880-2171-15 MSD	FS15 @ 0-6"	Soluble	Solid	300.0	3122

Analysis Batch: 3177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-25	FS25 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-26	FS26 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-27	FS27 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-28	FS28 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-29	FS29 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-30	FS30 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-31	FS31 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-32	FS32 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-33	FS33 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-34	FS34 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-35	FS35 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-36	FS36 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-37	FS37 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-38	FS38 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-39	FS39 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-40	FS40 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-41	FS41 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-42	FS42 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-43	FS43 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-44	FS44 @ 0-6"	Soluble	Solid	300.0	3123
MB 880-3123/1-A	Method Blank	Soluble	Solid	300.0	3123
LCS 880-3123/2-A	Lab Control Sample	Soluble	Solid	300.0	3123
LCSD 880-3123/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3123
880-2171-25 MS	FS25 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-25 MSD	FS25 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-35 MS	FS35 @ 0-6"	Soluble	Solid	300.0	3123
880-2171-35 MSD	FS35 @ 0-6"	Soluble	Solid	300.0	3123

Analysis Batch: 3178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-45	FS45 @ 0-6"	Soluble	Solid	300.0	3124
880-2171-46	FS46 @ 0-6"	Soluble	Solid	300.0	3124
MB 880-3124/1-A	Method Blank	Soluble	Solid	300.0	3124
LCS 880-3124/2-A	Lab Control Sample	Soluble	Solid	300.0	3124
LCSD 880-3124/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3124
880-2171-45 MS	FS45 @ 0-6"	Soluble	Solid	300.0	3124
880-2171-45 MSD	FS45 @ 0-6"	Soluble	Solid	300.0	3124

Leach Batch: 3228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-2	FS2 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-3	FS3 @ 0-6"	Soluble	Solid	DI Leach	
MB 880-3228/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3228/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3228/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

HPLC/IC (Continued)

Leach Batch: 3228 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-2 MS	FS2 @ 0-6"	Soluble	Solid	DI Leach	
880-2171-2 MSD	FS2 @ 0-6"	Soluble	Solid	DI Leach	

Analysis Batch: 3257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2171-2	FS2 @ 0-6"	Soluble	Solid	300.0	3228
880-2171-3	FS3 @ 0-6"	Soluble	Solid	300.0	3228
MB 880-3228/1-A	Method Blank	Soluble	Solid	300.0	3228
LCS 880-3228/2-A	Lab Control Sample	Soluble	Solid	300.0	3228
LCSD 880-3228/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3228
880-2171-2 MS	FS2 @ 0-6"	Soluble	Solid	300.0	3228
880-2171-2 MSD	FS2 @ 0-6"	Soluble	Solid	300.0	3228

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS1 @ 0-6"

Lab Sample ID: 880-2171-1

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 02:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 03:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1			3151	05/15/21 15:49	CH	XEN MID

Client Sample ID: FS2 @ 0-6"

Lab Sample ID: 880-2171-2

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 03:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 04:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3228	05/19/21 09:24	CH	XEN MID
Soluble	Analysis	300.0		5			3257	05/20/21 12:05	CH	XEN MID

Client Sample ID: FS3 @ 0-6"

Lab Sample ID: 880-2171-3

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 03:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 05:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3228	05/19/21 09:24	CH	XEN MID
Soluble	Analysis	300.0		1			3257	05/20/21 12:20	CH	XEN MID

Client Sample ID: FS4 @ 0-6"

Lab Sample ID: 880-2171-4

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 03:49	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 05:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1			3151	05/15/21 15:54	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS5 @ 0-6"

Lab Sample ID: 880-2171-5

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 04:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 05:43	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 18:38	CH	XEN MID

Client Sample ID: FS6 @ 0-6"

Lab Sample ID: 880-2171-6

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 04:30	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 06:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 18:54	CH	XEN MID

Client Sample ID: FS17@ 0-6"

Lab Sample ID: 880-2171-7

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 04:50	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 06:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 18:59	CH	XEN MID

Client Sample ID: FS8 @ 0-6"

Lab Sample ID: 880-2171-8

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3153	05/15/21 16:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3154	05/16/21 05:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3146	05/16/21 06:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 19:04	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS9 @ 0-6"

Lab Sample ID: 880-2171-9

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 12:13	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 02:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 19:09	CH	XEN MID

Client Sample ID: FS10 @ 0-6"

Lab Sample ID: 880-2171-10

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 12:33	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 02:56	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 19:25	CH	XEN MID

Client Sample ID: FS11 @ 0-6"

Lab Sample ID: 880-2171-11

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 12:53	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 03:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		5			3174	05/18/21 15:30	CH	XEN MID

Client Sample ID: FS12 @ 0-6"

Lab Sample ID: 880-2171-12

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 13:14	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 03:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 19:35	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS13 @ 0-6"

Lab Sample ID: 880-2171-13

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 13:34	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 03:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 19:40	CH	XEN MID

Client Sample ID: FS14 @ 0-6"

Lab Sample ID: 880-2171-14

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 13:55	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 04:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		10			3174	05/18/21 15:35	CH	XEN MID

Client Sample ID: FS15 @ 0-6"

Lab Sample ID: 880-2171-15

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 14:15	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 04:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 19:51	CH	XEN MID

Client Sample ID: FS16 @ 0-6"

Lab Sample ID: 880-2171-16

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 14:36	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 05:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:06	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS17 @ 0-6"

Lab Sample ID: 880-2171-17

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 14:56	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 05:22	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:11	CH	XEN MID

Client Sample ID: FS18 @ 0-6"

Lab Sample ID: 880-2171-18

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 15:16	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 05:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:27	CH	XEN MID

Client Sample ID: FS19 @ 0-6"

Lab Sample ID: 880-2171-19

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 17:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 06:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:32	CH	XEN MID

Client Sample ID: FS20 @ 0-6"

Lab Sample ID: 880-2171-20

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 17:28	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3131	05/14/21 14:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 06:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:37	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS21 @ 0-6"

Lab Sample ID: 880-2171-21

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 17:48	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 01:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:43	CH	XEN MID

Client Sample ID: FS22 @ 0-6"

Lab Sample ID: 880-2171-22

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 18:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 02:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:48	CH	XEN MID

Client Sample ID: FS23 @ 0-6"

Lab Sample ID: 880-2171-23

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 18:29	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3170	05/17/21 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3162	05/17/21 19:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:53	CH	XEN MID

Client Sample ID: FS24 @ 0-6"

Lab Sample ID: 880-2171-24

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 18:49	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 03:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3122	05/14/21 12:51	CH	XEN MID
Soluble	Analysis	300.0		1			3174	05/17/21 20:58	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS25 @ 0-6"

Lab Sample ID: 880-2171-25

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 19:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 03:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 15:06	WP	XEN MID

Client Sample ID: FS26 @ 0-6"

Lab Sample ID: 880-2171-26

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 19:30	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 15:22	WP	XEN MID

Client Sample ID: FS27 @ 0-6"

Lab Sample ID: 880-2171-27

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 19:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 04:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 15:27	WP	XEN MID

Client Sample ID: FS28 @ 0-6"

Lab Sample ID: 880-2171-28

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3155	05/15/21 17:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3159	05/17/21 20:11	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3170	05/17/21 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3162	05/17/21 20:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		20			3177	05/18/21 11:22	WP	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS29 @ 0-6"

Lab Sample ID: 880-2171-29

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 21:04	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 04:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 15:38	WP	XEN MID

Client Sample ID: FS30 @ 0-6"

Lab Sample ID: 880-2171-30

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 21:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3170	05/17/21 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3162	05/17/21 20:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 15:54	WP	XEN MID

Client Sample ID: FS31 @ 0-6"

Lab Sample ID: 880-2171-31

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 21:45	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 06:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 16:00	WP	XEN MID

Client Sample ID: FS32 @ 0-6"

Lab Sample ID: 880-2171-32

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 22:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 06:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		10			3177	05/17/21 16:05	WP	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS33 @ 0-6"

Lab Sample ID: 880-2171-33

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 22:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 06:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 16:10	WP	XEN MID

Client Sample ID: FS34 @ 0-6"

Lab Sample ID: 880-2171-34

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 22:46	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 07:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 16:16	WP	XEN MID

Client Sample ID: FS35 @ 0-6"

Lab Sample ID: 880-2171-35

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 23:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 07:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 16:21	WP	XEN MID

Client Sample ID: FS36 @ 0-6"

Lab Sample ID: 880-2171-36

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 23:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 07:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 16:37	WP	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS37 @ 0-6"

Lab Sample ID: 880-2171-37

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/15/21 23:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 08:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 16:43	WP	XEN MID

Client Sample ID: FS38 @ 0-6"

Lab Sample ID: 880-2171-38

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 00:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 08:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 16:59	WP	XEN MID

Client Sample ID: FS39 @ 0-6"

Lab Sample ID: 880-2171-39

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 01:29	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3170	05/17/21 09:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3162	05/17/21 20:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 17:04	WP	XEN MID

Client Sample ID: FS40 @ 0-6"

Lab Sample ID: 880-2171-40

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 01:50	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3132	05/14/21 15:11	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3111	05/15/21 09:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 17:27	WP	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS41@ 0-6"

Lab Sample ID: 880-2171-41

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 02:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3133	05/14/21 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 00:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 17:32	WP	XEN MID

Client Sample ID: FS42 @ 0-6"

Lab Sample ID: 880-2171-42

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 02:31	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3133	05/14/21 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 01:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 17:38	WP	XEN MID

Client Sample ID: FS43 @ 0-6"

Lab Sample ID: 880-2171-43

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 02:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3133	05/14/21 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 01:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 17:43	WP	XEN MID

Client Sample ID: FS44 @ 0-6"

Lab Sample ID: 880-2171-44

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 03:12	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3133	05/14/21 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3148	05/16/21 01:54	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3123	05/14/21 12:55	CH	XEN MID
Soluble	Analysis	300.0		1			3177	05/17/21 17:48	WP	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Client Sample ID: FS45 @ 0-6"

Lab Sample ID: 880-2171-45

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

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	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 03:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3136	05/14/21 15:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3108	05/15/21 07:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3124	05/14/21 12:56	CH	XEN MID
Soluble	Analysis	300.0		1			3178	05/17/21 18:32	WP	XEN MID

Client Sample ID: FS46 @ 0-6"

Lab Sample ID: 880-2171-46

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3156	05/15/21 17:13	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3157	05/16/21 03:52	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3136	05/14/21 15:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3108	05/15/21 08:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3124	05/14/21 12:56	CH	XEN MID
Soluble	Analysis	300.0		1			3178	05/17/21 18:48	WP	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

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

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2171-1
SDG: Goodnight

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-2171-1	FS1 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-2	FS2 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-3	FS3 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-4	FS4 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-5	FS5 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-6	FS6 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-7	FS17@ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-8	FS8 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-9	FS9 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-10	FS10 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-11	FS11 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-12	FS12 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-13	FS13 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-14	FS14 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-15	FS15 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-16	FS16 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-17	FS17 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-18	FS18 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-19	FS19 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-20	FS20 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-21	FS21 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-22	FS22 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-23	FS23 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-24	FS24 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-25	FS25 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-26	FS26 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-27	FS27 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-28	FS28 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-29	FS29 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-30	FS30 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-31	FS31 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-32	FS32 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-33	FS33 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-34	FS34 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-35	FS35 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-36	FS36 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-37	FS37 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-38	FS38 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-39	FS39 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-40	FS40 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-41	FS41@ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-42	FS42 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-43	FS43 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-44	FS44 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-45	FS45 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"
880-2171-46	FS46 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6"

Eurofins Xenco, Midland



Chain of Custody

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 Carlsbad NM (575) 988-3199 Phoenix AZ (480) 355-0900
 Tampa FL (813) 620-2000 Tallahassee FL (850) 756-0747 Delray Beach FL (561) 689-6701
 Atlanta GA (770) 449-8800

Work Order No: _____

www.xenco.com Page 2 of 5

Project Manager:	Joel Lowry	Bill to: (if different)	Alber + O...
Company Name:	Etech Environmental & Safety	Company Name:	Good...
Address:	3100 Plains Highway	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378	Email:	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program. UST/PST ☐ PRP ☐ Brownfield ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting Level ☐ Level ☐ PST/US ☐ TRF ☐ Level ☐	
Deliverables EDD ☐ ADAPT ☐ Other:	

Project Name: <u>Winding SWI</u>		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number: <u>12-95</u>		Routine ☒		Number of Containers/Preservative Code	Chloride E300	BTEX 6021	TPH Modified Ext	TPH TX1005													HNO3 HN
Project Location: <u>Good...</u>		Rush ☐																			H2SO4 H2
Sampler's Name: <u>Carl...</u>		Due Date																			HCL HL
PO#:																					None NO
																					NaOH Na
SAMPLE RECEIPT		Temp Blank.	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													MeOH Me			
Temperature (°C): <u>5.0/5.5</u>		Thermometer ID														Zn Acetate+ NaOH Zn					
Received Intact: <u>Yes</u> No ☐		Correction Factor														TAT starts the day received by the lab if received by 4 30pm					
Cooler Custody Seals: Yes No ☒		Total Containers: <u>10.5</u>														Sample Comments					
Sample Custody Seals: Yes No <u>N/A</u>																					
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth																	
FS11e0-6'	S	5-13-21		0-6"	1	✓	✓	✓													
FS12e0-6'	S	5-13-21		0-6"	1	✓	✓	✓													
FS13e0-6'	S	5-13-21		0-6"	1	✓	✓	✓													
FS14e0-6'	S	5-13-21		0-6"	1	✓	✓	✓													
FS15e0-6'	S	5-13-21		0-6"	1	✓		✓													
FS16e0-6'	S	5-13-21		0-6"	1		✓	✓													
FS17e0-6'	S	5-13-21		0-6"	1	✓	✓	✓													
FS18e0-6'	S	5-13-21		0-6"	1	✓	✓	✓													
FS19e0-6'	S	5-13-21		0-6"	1	✓	✓	✓													
FS20e0-6'	S	5-13-21		0-6"	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 Ti 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 Ti 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 <u>E. M. H.</u>	<u>E. M. H.</u>	5-13-21	2 <u>E. M. H.</u>	<u>E. M. H.</u>	5/14/21
3			4		1201
5			6		

Revised Date 10/14/19 Rev 2019.1



Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
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 Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199 Phoenix, AZ (480) 355-0900
 Tampa FL (813) 620-2000 Tallahassee FL (850) 756-0747 Delray Beach FL (561) 689-6701
 Atlanta GA (770) 449-8800

Work Order No: _____

www.xenco.com Page 3 of 5

Project Manager	Joel Lowry	Bill to: (if different)	Albert O...
Company Name	Etech Environmental & Safety	Company Name	Good...
Address	3100 Plains Highway	Address	
City, State ZIP	Lovington, NM, 88260	City, State ZIP	
Phone	575-396-2378	Email	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program: UST/PST ☐ PRF ☐ Brownfield ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting Level ☐ Level ☐ PST/US ☐ TRF ☐ Level ☐	
Deliverables EDD ☐ ADaPT ☐ Other:	

Project Name: Wrigley SWD		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number: 12-7-05		Routine ☒														HNO3 HN					
Project Location: Good...		Rush ☐														H2SO4 H2					
Sampler's Name: E. C. J. ...		Due Date														HCL HL					
PO #:																None NO					
SAMPLE RECEIPT		Temp Blank	Yes ☐ No ☒	Wet Ice	Yes ☒ No ☐													NaOH Na			
Temperature (°C)		5.0/5.5		Thermometer ID														MeOH Me			
Received Intact		Yes ☒ No ☐		Correction Factor														Zn Acetate+ NaOH Zn			
Cooler Custody Seals		Yes ☐ No ☒		Total Containers														TAT starts the day received by the lab if received by 4 30pm			
Sample Custody Seals		Yes ☐ No ☒																Sample Comments			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005												
FS 21e0-6"	S	5/13/21		0-6"	1	✓	✓	✓													
FS 22e0-6"	S	5/13/21		0-6"	1	✓	✓	✓													
FS 23e0-6"	S	5-13-21		0-6"	1	✓	✓	✓													
FS 24e0-6"	S	5-13-21		0-6"	1	✓	✓	✓													
FS 25e0-6"	S	5/13/21		0-6"	1	✓	✓	✓													
FS 26e0-6"	S	5/13/21		0-6"	1	✓	✓	✓													
FS 27e0-6"	S	5/13/21		0-6"	1	✓	✓	✓													
FS 28e0-6"	S	5/13/21		0-6"	1	✓	✓	✓													
FS 29e0-6"	S	5/13/21		0-6"	1	✓	✓	✓													
FS 30e0-6"	S	5/13/21		0-6"	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 Ti 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 Ti U 1631 / 245.1 / 7470 / 7471 Hg

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. E. C. J. ...	E. C. J. ...	5/13/21	2. E. C. J. ...	E. C. J. ...	5/14/21
3.			4.		1209
5.			6.		

Revised Date 10/14/19 Rev 2019.1



Chain of Custody

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 Carlsbad NM (575) 988-3199 Phoenix, AZ (480) 355-0900
Tampa FL (813) 620-2000 Tallahassee FL (850) 756-0747 Delray Beach FL (561) 689-6701
Atlanta GA (770) 449-8800

Work Order No: _____

www.xenco.com Page 4 of 5

Project Manager	Joel Lowry	Bill to: (if different)	Alb + O...
Company Name	Etech Environmental & Safety	Company Name	Good +
Address	3100 Plains Highway	Address	
City, State ZIP	Lovington NM, 88260	City, State ZIP	
Phone	575-396-2378	Email	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfield ☐ RR ☐ Superfund ☐
State of Project:	
Reporting Level	☐ Level ☐ PST/US ☐ TRF ☐ Level ☐
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name: <u>Winkley SWD</u>		Turn Around		ANALYSIS REQUEST																Preservative Codes						
Project Number: <u>12-95</u>		Routine ☒		Number of Containers/Preservative	Chloride E300	BTX 8021	TPH Modified Ext	TPH TX1005																	HNO3 HN	
Project Location: <u>Guadalupe</u>		Rush ☐																							H2SO4 H2	
Sampler's Name: <u>E. L. ...</u>		Due Date																							HCL HL	
PO #:																									None NO	
																									NaOH Na	
SAMPLE RECEIPT		Temp Blank		Yes ☐ No ☒		Wet Ice		Yes ☐ No ☒																		MeOH Me
Temperature (°C)		<u>5.0/5.5</u>				Thermometer ID																		Zn Acetate+ NaOH Zn		
Received Intact:		Yes ☒ No ☐				Correction Factor:		<u>1R8</u>																		
Cooler Custody Seals:		Yes ☐ No ☒				Total Containers:		<u>10.5</u>																		
Sample Custody Seals:		Yes ☐ No ☒																								
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth																	Sample Comments				
FS31e0-0"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS32e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS33e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS34e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS35e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS36e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS37e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS38e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS39e0-0-6"		S	5-13-21		0-6"	1	✓	✓	✓																	
FS40e0-0-6"		S	5-13-21		0-6"	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	Ti	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	Ti	U	1631 / 245.1 / 7470 / 7471												Hg

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 <u>E. L. ...</u>		<u>E. L. ...</u>		<u>5/13/21</u>		2 <u>E. L. ...</u>					
3						4					
5						6					

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-2171-1

SDG Number: Goodnight

Login Number: 2171

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, 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.	False	No times on COC, logged in per container labels.
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	



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-2172-1
Client Project/Site: Wrigley SWD

For:

Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: PM List

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
5/18/2021 2:26:43 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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results through
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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Laboratory Job ID: 880-2172-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	16
QC Sample Results	18
QC Association Summary	23
Lab Chronicle	27
Certification Summary	31
Method Summary	32
Sample Summary	33
Chain of Custody	34
Receipt Checklists	36

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Job ID: 880-2172-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-2172-1****Receipt**

The samples were received on 5/14/2021 12:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.9°C

GC VOA

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

GC Semi VOA

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
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: EW1 @ 0-6"

Lab Sample ID: 880-2172-1

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 04:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 04:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 04:33	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/16/21 04:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:13	05/16/21 04:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/16/21 04:33	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		05/15/21 17:13	05/16/21 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/15/21 17:13	05/16/21 04:33	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/15/21 17:13	05/16/21 04:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 18:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 18:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 18:13	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	05/14/21 15:30	05/15/21 18:13	1
o-Terphenyl	98		70 - 130	05/14/21 15:30	05/15/21 18:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		4.95		mg/Kg			05/17/21 18:53	1

Client Sample ID: EW2 @ 0-6"

Lab Sample ID: 880-2172-2

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 07:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 07:55	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 07:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 07:55	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:22	05/16/21 07:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: EW2 @ 0-6"

Lab Sample ID: 880-2172-2

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:16	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	05/14/21 15:30	05/15/21 19:16	1
o-Terphenyl	106		70 - 130	05/14/21 15:30	05/15/21 19:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		4.99		mg/Kg			05/17/21 18:58	1

Client Sample ID: EW3 @ 0-6"

Lab Sample ID: 880-2172-3

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 08:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 08:16	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 08:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/15/21 17:22	05/16/21 08:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:22	05/16/21 08:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:37	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	05/14/21 15:30	05/15/21 19:37	1
o-Terphenyl	106		70 - 130	05/14/21 15:30	05/15/21 19:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		4.99		mg/Kg			05/17/21 19:04	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: EW4 @ 0-6"

Lab Sample ID: 880-2172-4

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 08:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 08:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 08:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 08:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 08:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 08:36	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 08:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 08:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/15/21 17:22	05/16/21 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 19:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 19:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 19:59	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	05/14/21 15:30	05/15/21 19:59	1
o-Terphenyl	110		70 - 130	05/14/21 15:30	05/15/21 19:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		5.02		mg/Kg			05/17/21 19:20	1

Client Sample ID: EW5 @ 0-6"

Lab Sample ID: 880-2172-5

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 08:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 08:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 08:56	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 08:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	05/15/21 17:22	05/16/21 08:56	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/15/21 17:22	05/16/21 08:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: EW5 @ 0-6"

Lab Sample ID: 880-2172-5

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:20	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	05/14/21 15:30	05/15/21 20:20	1
o-Terphenyl	91		70 - 130	05/14/21 15:30	05/15/21 20:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.1		5.05		mg/Kg			05/17/21 19:25	1

Client Sample ID: EW6 @ 0-6"

Lab Sample ID: 880-2172-6

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 09:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 09:17	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 09:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 09:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 09:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:41	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	05/14/21 15:30	05/15/21 20:41	1
o-Terphenyl	87		70 - 130	05/14/21 15:30	05/15/21 20:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.0		5.04		mg/Kg			05/17/21 19:31	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: WW1 @ 0-6"

Lab Sample ID: 880-2172-7

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 09:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 09:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 09:37	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 09:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:02	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	05/14/21 15:30	05/15/21 21:02	1
o-Terphenyl	91		70 - 130	05/14/21 15:30	05/15/21 21:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.5		5.01		mg/Kg			05/17/21 19:36	1

Client Sample ID: WW2 @ 0-6"

Lab Sample ID: 880-2172-8

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:22	05/16/21 09:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:22	05/16/21 09:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:22	05/16/21 09:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/15/21 17:22	05/16/21 09:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/15/21 17:22	05/16/21 09:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/15/21 17:22	05/16/21 09:58	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		05/15/21 17:22	05/16/21 09:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	05/15/21 17:22	05/16/21 09:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:22	05/16/21 09:58	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: WW2 @ 0-6"

Lab Sample ID: 880-2172-8

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:23	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	05/14/21 15:30	05/15/21 21:23	1
o-Terphenyl	84		70 - 130	05/14/21 15:30	05/15/21 21:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.1		5.03		mg/Kg			05/17/21 19:41	1

Client Sample ID: WW3 @ 0-6"

Lab Sample ID: 880-2172-9

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:22	05/16/21 10:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:22	05/16/21 10:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:22	05/16/21 10:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/15/21 17:22	05/16/21 10:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/15/21 17:22	05/16/21 10:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/15/21 17:22	05/16/21 10:18	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		05/15/21 17:22	05/16/21 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	05/15/21 17:22	05/16/21 10:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:22	05/16/21 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 21:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 21:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 21:44	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/14/21 15:30	05/15/21 21:44	1
o-Terphenyl	103		70 - 130	05/14/21 15:30	05/15/21 21:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	164		5.05		mg/Kg			05/18/21 08:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: WW4 @ 0-6"

Lab Sample ID: 880-2172-10

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 10:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 10:39	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 10:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 10:39	1
1,4-Difluorobenzene (Surr)	88		70 - 130	05/15/21 17:22	05/16/21 10:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 22:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 22:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 22:05	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	05/14/21 15:30	05/15/21 22:05	1
o-Terphenyl	92		70 - 130	05/14/21 15:30	05/15/21 22:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		4.96		mg/Kg			05/18/21 08:46	1

Client Sample ID: WW5 @ 0-6"

Lab Sample ID: 880-2172-11

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 10:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 10:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 10:59	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/15/21 17:22	05/16/21 10:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/15/21 17:22	05/16/21 10:59	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: WW5 @ 0-6"

Lab Sample ID: 880-2172-11

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 22:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 22:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 22:47	1
Total TPH	<49.8	U	49.8		mg/Kg		05/14/21 15:30	05/15/21 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/14/21 15:30	05/15/21 22:47	1
o-Terphenyl	99		70 - 130	05/14/21 15:30	05/15/21 22:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.2		4.95		mg/Kg			05/18/21 08:51	1

Client Sample ID: WW6 @ 0-6"

Lab Sample ID: 880-2172-12

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 12:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 12:21	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 12:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 12:21	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:22	05/16/21 12:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:08	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	05/14/21 15:30	05/15/21 23:08	1
o-Terphenyl	100		70 - 130	05/14/21 15:30	05/15/21 23:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		4.95		mg/Kg			05/18/21 09:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: NW1 @ 0-6"

Lab Sample ID: 880-2172-13

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 12:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/15/21 17:22	05/16/21 12:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 12:41	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		05/15/21 17:22	05/16/21 12:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 12:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:22	05/16/21 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:29	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	05/14/21 15:30	05/15/21 23:29	1
o-Terphenyl	107		70 - 130	05/14/21 15:30	05/15/21 23:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		4.98		mg/Kg			05/18/21 09:13	1

Client Sample ID: NW2 @ 0-6"

Lab Sample ID: 880-2172-14

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 13:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 13:01	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		05/15/21 17:22	05/16/21 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/15/21 17:22	05/16/21 13:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/15/21 17:22	05/16/21 13:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: NW2 @ 0-6"

Lab Sample ID: 880-2172-14

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:49	1
Total TPH	<49.9	U	49.9		mg/Kg		05/14/21 15:30	05/15/21 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/14/21 15:30	05/15/21 23:49	1
o-Terphenyl	95		70 - 130	05/14/21 15:30	05/15/21 23:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		4.97		mg/Kg			05/18/21 09:18	1

Client Sample ID: SW1 @ 0-6"

Lab Sample ID: 880-2172-15

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 13:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 13:22	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		05/15/21 17:22	05/16/21 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	05/15/21 17:22	05/16/21 13:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/15/21 17:22	05/16/21 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:10	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/14/21 15:30	05/16/21 00:10	1
o-Terphenyl	104		70 - 130	05/14/21 15:30	05/16/21 00:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		5.00		mg/Kg			05/18/21 09:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: SW2 @ 0-6"

Lab Sample ID: 880-2172-16

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Sample Depth: 0 - 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 17:22	05/16/21 13:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 13:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 17:22	05/16/21 13:42	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 17:22	05/16/21 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/15/21 17:22	05/16/21 13:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/15/21 17:22	05/16/21 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:31	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/16/21 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	05/14/21 15:30	05/16/21 00:31	1
o-Terphenyl	95		70 - 130	05/14/21 15:30	05/16/21 00:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	408		5.00		mg/Kg			05/18/21 09:29	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-2172-1	EW1 @ 0-6"	98	92
880-2172-2	EW2 @ 0-6"	96	95
880-2172-2 MS	EW2 @ 0-6"	113	102
880-2172-2 MSD	EW2 @ 0-6"	116	102
880-2172-3	EW3 @ 0-6"	95	97
880-2172-4	EW4 @ 0-6"	96	99
880-2172-5	EW5 @ 0-6"	88	94
880-2172-6	EW6 @ 0-6"	96	96
880-2172-7	WW1 @ 0-6"	96	96
880-2172-8	WW2 @ 0-6"	90	95
880-2172-9	WW3 @ 0-6"	88	97
880-2172-10	WW4 @ 0-6"	96	88
880-2172-11	WW5 @ 0-6"	92	94
880-2172-12	WW6 @ 0-6"	96	95
880-2172-13	NW1 @ 0-6"	96	95
880-2172-14	NW2 @ 0-6"	95	96
880-2172-15	SW1 @ 0-6"	86	94
880-2172-16	SW2 @ 0-6"	95	97
LCS 880-3156/1-A	Lab Control Sample	100	101
LCS 880-3158/1-A	Lab Control Sample	111	103
LCSD 880-3156/2-A	Lab Control Sample Dup	109	107
LCSD 880-3158/2-A	Lab Control Sample Dup	111	106
MB 880-3156/5-A	Method Blank	87	95
MB 880-3158/5-A	Method Blank	87	92
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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)
880-2172-1	EW1 @ 0-6"	92	98
880-2172-1 MS	EW1 @ 0-6"	94	92
880-2172-1 MSD	EW1 @ 0-6"	87	87
880-2172-2	EW2 @ 0-6"	99	106
880-2172-3	EW3 @ 0-6"	99	106
880-2172-4	EW4 @ 0-6"	104	110
880-2172-5	EW5 @ 0-6"	87	91
880-2172-6	EW6 @ 0-6"	82	87
880-2172-7	WW1 @ 0-6"	86	91
880-2172-8	WW2 @ 0-6"	81	84
880-2172-9	WW3 @ 0-6"	98	103
880-2172-10	WW4 @ 0-6"	88	92
880-2172-11	WW5 @ 0-6"	95	99
880-2172-12	WW6 @ 0-6"	94	100
880-2172-13	NW1 @ 0-6"	105	107

Eurofins Xenco, Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions

Job ID: 880-2172-1

Project/Site: Wrigley SWD

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2172-14	NW2 @ 0-6"	95	95
880-2172-15	SW1 @ 0-6"	97	104
880-2172-16	SW2 @ 0-6"	88	95
LCS 880-3133/2-A	Lab Control Sample	91	92
LCSD 880-3133/3-A	Lab Control Sample Dup	93	94
MB 880-3133/1-A	Method Blank	87	93

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3156/5-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 20:43	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 17:13	05/15/21 20:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	05/15/21 17:13	05/15/21 20:43	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/15/21 17:13	05/15/21 20:43	1

Lab Sample ID: LCS 880-3156/1-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08681		mg/Kg		87	70 - 130
Toluene	0.100	0.08443		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08867		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09881		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-3156/2-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3156

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08511		mg/Kg		85	70 - 130	2	35
Toluene	0.100	0.08282		mg/Kg		83	70 - 130	2	35
Ethylbenzene	0.100	0.08668		mg/Kg		87	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1839		mg/Kg		92	70 - 130	2	35
o-Xylene	0.100	0.09610		mg/Kg		96	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-3158/5-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:34	1

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

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

Lab Sample ID: MB 880-3158/5-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/21 17:22	05/16/21 07:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/21 17:22	05/16/21 07:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/21 17:22	05/16/21 07:34	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		05/15/21 17:22	05/16/21 07:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	05/15/21 17:22	05/16/21 07:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/15/21 17:22	05/16/21 07:34	1

Lab Sample ID: LCS 880-3158/1-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07458		mg/Kg		75	70 - 130
Toluene	0.100	0.07523		mg/Kg		75	70 - 130
Ethylbenzene	0.100	0.08131		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1725		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08903		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-3158/2-A

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3158

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08353		mg/Kg		84	70 - 130	11	35
Toluene	0.100	0.08312		mg/Kg		83	70 - 130	10	35
Ethylbenzene	0.100	0.09078		mg/Kg		91	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1920		mg/Kg		96	70 - 130	11	35
o-Xylene	0.100	0.09911		mg/Kg		99	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-2172-2 MS

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: EW2 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.08715		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.0998	0.08592		mg/Kg		86	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

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

Lab Sample ID: 880-2172-2 MS

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: EW2 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.0998	0.09064		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1900		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09527		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-2172-2 MSD

Matrix: Solid

Analysis Batch: 3157

Client Sample ID: EW2 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08578		mg/Kg		86	70 - 130	2	35
Toluene	<0.00200	U	0.0996	0.08679		mg/Kg		87	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0996	0.09233		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1962		mg/Kg		98	70 - 130	3	35
o-Xylene	<0.00200	U	0.0996	0.09878		mg/Kg		99	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-3133/1-A

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3133

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1
Total TPH	<50.0	U	50.0		mg/Kg		05/14/21 15:30	05/15/21 17:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	05/14/21 15:30	05/15/21 17:10	1
o-Terphenyl	93		70 - 130	05/14/21 15:30	05/15/21 17:10	1

Lab Sample ID: LCS 880-3133/2-A

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3133

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	857.6		mg/Kg		86	70 - 130

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QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

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

Lab Sample ID: LCS 880-3133/2-A

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3133

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	943.5		mg/Kg		94	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: LCSD 880-3133/3-A

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3133

Top Data: 0.000											
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	831.3		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	960.7		mg/Kg		96	70 - 130	2	20
Bottom Data: 0.000											
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	93		70 - 130								
o-Terphenyl	94		70 - 130								

Lab Sample ID: 880-2172-1 MS

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: EW1 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3133

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1043		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1165		mg/Kg		117	70 - 130		
							</				

Lab Sample ID: 880-2172-1 MSD

Matrix: Solid

Analysis Batch: 3148

Client Sample ID: EW1 @ 0-6"

Prep Type: Total/NA

Prep Batch: 3133

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	958.3		mg/Kg		96	70 - 130		8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1117		mg/Kg		112	70 - 130		4	20
										</		

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3124/1-A

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/17/21 18:15	1

Lab Sample ID: LCS 880-3124/2-A

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	237.1		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-3124/3-A

Matrix: Solid

Analysis Batch: 3178

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	237.8		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-2172-9 MS

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: WW3 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	164		253	401.5		mg/Kg		94	90 - 110

Lab Sample ID: 880-2172-9 MSD

Matrix: Solid

Analysis Batch: 3178

Client Sample ID: WW3 @ 0-6"

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	164		253	414.6		mg/Kg		99	90 - 110	3	20

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

GC VOA

Prep Batch: 3156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-1	EW1 @ 0-6"	Total/NA	Solid	5035	
MB 880-3156/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3156/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3156/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 3157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-1	EW1 @ 0-6"	Total/NA	Solid	8021B	3156
880-2172-2	EW2 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-3	EW3 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-4	EW4 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-5	EW5 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-6	EW6 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-7	WW1 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-8	WW2 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-9	WW3 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-10	WW4 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-11	WW5 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-12	WW6 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-13	NW1 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-14	NW2 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-15	SW1 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-16	SW2 @ 0-6"	Total/NA	Solid	8021B	3158
MB 880-3156/5-A	Method Blank	Total/NA	Solid	8021B	3156
MB 880-3158/5-A	Method Blank	Total/NA	Solid	8021B	3158
LCS 880-3156/1-A	Lab Control Sample	Total/NA	Solid	8021B	3156
LCS 880-3158/1-A	Lab Control Sample	Total/NA	Solid	8021B	3158
LCSD 880-3156/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3156
LCSD 880-3158/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3158
880-2172-2 MS	EW2 @ 0-6"	Total/NA	Solid	8021B	3158
880-2172-2 MSD	EW2 @ 0-6"	Total/NA	Solid	8021B	3158

Prep Batch: 3158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-2	EW2 @ 0-6"	Total/NA	Solid	5035	
880-2172-3	EW3 @ 0-6"	Total/NA	Solid	5035	
880-2172-4	EW4 @ 0-6"	Total/NA	Solid	5035	
880-2172-5	EW5 @ 0-6"	Total/NA	Solid	5035	
880-2172-6	EW6 @ 0-6"	Total/NA	Solid	5035	
880-2172-7	WW1 @ 0-6"	Total/NA	Solid	5035	
880-2172-8	WW2 @ 0-6"	Total/NA	Solid	5035	
880-2172-9	WW3 @ 0-6"	Total/NA	Solid	5035	
880-2172-10	WW4 @ 0-6"	Total/NA	Solid	5035	
880-2172-11	WW5 @ 0-6"	Total/NA	Solid	5035	
880-2172-12	WW6 @ 0-6"	Total/NA	Solid	5035	
880-2172-13	NW1 @ 0-6"	Total/NA	Solid	5035	
880-2172-14	NW2 @ 0-6"	Total/NA	Solid	5035	
880-2172-15	SW1 @ 0-6"	Total/NA	Solid	5035	
880-2172-16	SW2 @ 0-6"	Total/NA	Solid	5035	
MB 880-3158/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3158/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

GC VOA (Continued)

Prep Batch: 3158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-3158/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2172-2 MS	EW2 @ 0-6"	Total/NA	Solid	5035	
880-2172-2 MSD	EW2 @ 0-6"	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 3133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-1	EW1 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-2	EW2 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-3	EW3 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-4	EW4 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-5	EW5 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-6	EW6 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-7	WW1 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-8	WW2 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-9	WW3 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-10	WW4 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-11	WW5 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-12	WW6 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-13	NW1 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-14	NW2 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-15	SW1 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-16	SW2 @ 0-6"	Total/NA	Solid	8015NM Prep	
MB 880-3133/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3133/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3133/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2172-1 MS	EW1 @ 0-6"	Total/NA	Solid	8015NM Prep	
880-2172-1 MSD	EW1 @ 0-6"	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-1	EW1 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-2	EW2 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-3	EW3 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-4	EW4 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-5	EW5 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-6	EW6 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-7	WW1 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-8	WW2 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-9	WW3 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-10	WW4 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-11	WW5 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-12	WW6 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-13	NW1 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-14	NW2 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-15	SW1 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-16	SW2 @ 0-6"	Total/NA	Solid	8015B NM	3133
MB 880-3133/1-A	Method Blank	Total/NA	Solid	8015B NM	3133
LCS 880-3133/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3133
LCSD 880-3133/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3133

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

GC Semi VOA (Continued)

Analysis Batch: 3148 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-1 MS	EW1 @ 0-6"	Total/NA	Solid	8015B NM	3133
880-2172-1 MSD	EW1 @ 0-6"	Total/NA	Solid	8015B NM	3133

HPLC/IC

Leach Batch: 3124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-1	EW1 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-2	EW2 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-3	EW3 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-4	EW4 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-5	EW5 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-6	EW6 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-7	WW1 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-8	WW2 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-9	WW3 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-10	WW4 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-11	WW5 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-12	WW6 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-13	NW1 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-14	NW2 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-15	SW1 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-16	SW2 @ 0-6"	Soluble	Solid	DI Leach	
MB 880-3124/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3124/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3124/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2172-9 MS	WW3 @ 0-6"	Soluble	Solid	DI Leach	
880-2172-9 MSD	WW3 @ 0-6"	Soluble	Solid	DI Leach	

Analysis Batch: 3178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-1	EW1 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-2	EW2 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-3	EW3 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-4	EW4 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-5	EW5 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-6	EW6 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-7	WW1 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-8	WW2 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-9	WW3 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-10	WW4 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-11	WW5 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-12	WW6 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-13	NW1 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-14	NW2 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-15	SW1 @ 0-6"	Soluble	Solid	300.0	3124
880-2172-16	SW2 @ 0-6"	Soluble	Solid	300.0	3124
MB 880-3124/1-A	Method Blank	Soluble	Solid	300.0	3124
LCS 880-3124/2-A	Lab Control Sample	Soluble	Solid	300.0	3124
LCSD 880-3124/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3124
880-2172-9 MS	WW3 @ 0-6"	Soluble	Solid	300.0	3124

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

HPLC/IC (Continued)

Analysis Batch: 3178 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2172-9 MSD	WW3 @ 0-6"	Soluble	Solid	300.0	3124

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: EW1 @ 0-6"

Lab Sample ID: 880-2172-1

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3156	05/15/21 17:13	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 04:33	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 18:13	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 18:53	WP	XM

Client Sample ID: EW2 @ 0-6"

Lab Sample ID: 880-2172-2

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 07:55	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 19:16	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 18:58	WP	XM

Client Sample ID: EW3 @ 0-6"

Lab Sample ID: 880-2172-3

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 08:16	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 19:37	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 19:04	WP	XM

Client Sample ID: EW4 @ 0-6"

Lab Sample ID: 880-2172-4

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 08:36	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 19:59	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 19:20	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: EW5 @ 0-6"

Lab Sample ID: 880-2172-5

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 08:56	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 20:20	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 19:25	WP	XM

Client Sample ID: EW6 @ 0-6"

Lab Sample ID: 880-2172-6

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 09:17	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 20:41	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 19:31	WP	XM

Client Sample ID: WW1 @ 0-6"

Lab Sample ID: 880-2172-7

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 09:37	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 21:02	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 19:36	WP	XM

Client Sample ID: WW2 @ 0-6"

Lab Sample ID: 880-2172-8

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 09:58	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 21:23	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/17/21 19:41	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: WW3 @ 0-6"

Lab Sample ID: 880-2172-9

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 10:18	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 21:44	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 08:30	WP	XM

Client Sample ID: WW4 @ 0-6"

Lab Sample ID: 880-2172-10

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 10:39	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 22:05	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 08:46	WP	XM

Client Sample ID: WW5 @ 0-6"

Lab Sample ID: 880-2172-11

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 10:59	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 22:47	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 08:51	WP	XM

Client Sample ID: WW6 @ 0-6"

Lab Sample ID: 880-2172-12

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 12:21	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 23:08	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 09:07	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Client Sample ID: NW1 @ 0-6"

Lab Sample ID: 880-2172-13

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 12:41	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 23:29	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 09:13	WP	XM

Client Sample ID: NW2 @ 0-6"

Lab Sample ID: 880-2172-14

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 13:01	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/15/21 23:49	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 09:18	WP	XM

Client Sample ID: SW1 @ 0-6"

Lab Sample ID: 880-2172-15

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 13:22	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/16/21 00:10	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 09:24	WP	XM

Client Sample ID: SW2 @ 0-6"

Lab Sample ID: 880-2172-16

Date Collected: 05/13/21 00:00

Matrix: Solid

Date Received: 05/14/21 12:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3158	05/15/21 17:22	MR	XM
Total/NA	Analysis	8021B		1	3157	05/16/21 13:42	MR	XM
Total/NA	Prep	8015NM Prep			3133	05/14/21 15:30	DM	XM
Total/NA	Analysis	8015B NM		1	3148	05/16/21 00:31	AJ	XM
Soluble	Leach	DI Leach			3124	05/14/21 12:56	CH	XM
Soluble	Analysis	300.0		1	3178	05/18/21 09:29	WP	XM

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2172-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-2172-1	EW1 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-2	EW2 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-3	EW3 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-4	EW4 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-5	EW5 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-6	EW6 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-7	WW1 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-8	WW2 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-9	WW3 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-10	WW4 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-11	WW5 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-12	WW6 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-13	NW1 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-14	NW2 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-15	SW1 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6
880-2172-16	SW2 @ 0-6"	Solid	05/13/21 00:00	05/14/21 12:09	0 - 6

Eurofins Xenco, Midland

XENCO

Ch:
Houston TX (281) 240-4200
Midland TX (432) 704-544C
Hobbs NM (575) 392 7550
Tampa FL (813) 620-2000 Tel



880-2172 Chain of Custody

Work Order No. 880-2172www.xenco.com Page 1 of 2

Project Manager:	Joel Lowry	Bill to (if different)	Albert Ochoa
Company Name:	Etech Environmental & Safety	Company Name	Goodnight
Address:	3100 Plains Highway	Address	
City State ZIP:	Lovington, NM, 88260	City State ZIP	
Phone	575-396-2378	Email	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project	
Reporting Level	I ☐ Level II ☐ PST/US ☐ TRR ☐ Level I ☐
Deliverables	EDD ☐ ADaPT ☐ Other:

Project Name		Wrigley SWD		Turn Around		ANALYSIS REQUEST												Preservative Codes			
Project Number		12795		Routine ☒														HNO3 HN			
Project Location		Goodnight		Rush ☐														H2SO4 H2			
Sampler's Name		Eric Mojica		Due Date														HCL HL			
PO #																		None NO			
SAMPLE RECEIPT		Temp Blank. Yes ☐ No ☒		Wet Ice Yes ☐ No ☒														NaOH Na			
Temperature (°C)		4.4/4.9		Thermometer ID														MeOH Me			
Received Intact.		Yes ☒ No ☐		Correction Factor														Zn Acetate+ NaOH Zn			
Cooler Custody Seals		Yes ☐ No ☒		Total Containers														TAT starts the day received by the lab if received by 4 30pm			
Sample Custody Seals		Yes ☐ No ☒																Sample Comments			
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative	Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005										
EW1e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
EW2e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
EW3e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
EW4e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
EW5e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
EW6e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
WW1e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
WW2e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
WW3e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
WW4e0-6"		S	5/13/21		0-6"	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 Ti 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 Ti 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 Eric Mojica	Era Cantler	5/13/21	2 Era Cantler	Rafael Lopez	5/14/21
3			4		1209
5			6		

Revised Date 10/14/19 Rev 2019.1

XENCO**Chain of Custody**

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 Carlsbad NM (575) 988-3199 Phoenix, AZ (480) 355-0900
 Tampa FL (813) 620-2000 Tallahassee FL (850) 756-0747 Delray Beach FL (561) 689-6701
 Atlanta GA (770) 449-8800

Work Order No. 2172

www.xenco.com

Page 2 of 2

Project Manager	Joel Lowry	Bill to (if different)	Albert Ochoa
Company Name	Etech Environmental & Safety	Company Name	Good night
Address	3100 Plains Highway	Address	
City State ZIP	Lovington, NM, 88260	City State ZIP	
Phone	575-396-2378	Email	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project	
Reporting Level I ☐ Level II ☐ PST/US ☐ TRR ☐ Level I ☐	
Deliverables EDD ☐ ADaPT ☐ Other	

Project Name		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number		Routine ☒														HNO3 HN					
Project Location		Rush ☐														H2SO4 H2					
Sampler's Name		Due Date														HCL HL					
PO #																None NO					
SAMPLE RECEIPT		Temp Blank: Yes ☐ No ☒		Wet Ice: Yes ☒ No ☐														NaOH Na			
Temperature (°C)		Thermometer ID		MeOH Me																	
Received Intact		Correction Factor		Zn Acetate+ NaOH Zn																	
Cooler Custody Seals		Total Containers		TAT starts the day received by the lab if received by 4 30pm																	
Sample Custody Seals																Sample Comments					
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative	Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005										
WW5e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
WW6e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
NW1e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
NW2e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
SW1e0-6"		S	5/13/21		0-6"	1		✓	✓	✓											
SW2e0-6"		S	5/13/21		0-6"	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 Ti 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 Ti 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 Eric Mojica	Esperanza Camilleri	5-13-21	2 Eric Camilleri	K. Phillips	5/14/21
3			4		
5			6		

Rev: 04 Date 10/4/10 Rev 2019 1

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-2172-1

SDG Number:

Login Number: 2172

List Source: Eurofins Midland

List Number: 1

Creator: Phillips, Kerianna

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.	False	No date time on COC or sample containers
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing
America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-2719-1

Laboratory Sample Delivery Group: Lea County, NM

Client Project/Site: Wrigley SWD-Goodnight Midstream

For:

Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: Joel Lowry

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
6/8/2021 2:19:34 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Laboratory Job ID: 880-2719-1
SDG: Lea County, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	6
QC Sample Results	7
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Qualifiers

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Job ID: 880-2719-1

Laboratory: Eurofins Xenco, Midland**Narrative**

**Job Narrative
880-2719-1****Receipt**

The samples were received on 6/4/2021 7:28 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C

GC Semi VOA

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
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Client Sample ID: FS2 @ 1.5'

Lab Sample ID: 880-2719-1

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Sample Depth: 1.5'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		4.99		mg/Kg			06/07/21 08:59	1

Client Sample ID: FS3 @ 1'

Lab Sample ID: 880-2719-2

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		4.96		mg/Kg			06/07/21 09:15	1

Client Sample ID: FS30 @ 1'

Lab Sample ID: 880-2719-3

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/08/21 10:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/08/21 10:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/08/21 10:20	1
Total TPH	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/08/21 10:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				06/07/21 14:43	06/08/21 10:20	1
o-Terphenyl	105		70 - 130				06/07/21 14:43	06/08/21 10:20	1

Client Sample ID: FS41 @ 1'

Lab Sample ID: 880-2719-4

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.95		mg/Kg			06/07/21 09:21	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

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)
880-2719-3	FS30 @ 1'	108	105
LCS 880-3863/2-A	Lab Control Sample	97	87
LCSD 880-3863/3-A	Lab Control Sample Dup	99	92
MB 880-3863/1-A	Method Blank	120	116
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-3863/1-A

Matrix: Solid

Analysis Batch: 3855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/07/21 21:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/07/21 21:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/07/21 21:40	1
Total TPH	<50.0	U	50.0		mg/Kg		06/07/21 14:43	06/07/21 21:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	06/07/21 14:43	06/07/21 21:40	1
o-Terphenyl	116		70 - 130	06/07/21 14:43	06/07/21 21:40	1

Lab Sample ID: LCS 880-3863/2-A

Matrix: Solid

Analysis Batch: 3855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	809.9		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	946.9		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: LCSD 880-3863/3-A

Matrix: Solid

Analysis Batch: 3855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3863

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	879.0		mg/Kg		88	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	992.3		mg/Kg		99	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	92		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3826/1-A

Matrix: Solid

Analysis Batch: 3828

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/07/21 08:43	1

Eurofins Xenco, Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-3826/2-A

Matrix: Solid

Analysis Batch: 3828

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	241.8		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-3826/3-A

Matrix: Solid

Analysis Batch: 3828

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	242.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-2719-1 MS

Matrix: Solid

Analysis Batch: 3828

Client Sample ID: FS2 @ 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	156		250	399.5		mg/Kg		98	90 - 110		

Lab Sample ID: 880-2719-1 MSD

Matrix: Solid

Analysis Batch: 3828

Client Sample ID: FS2 @ 1.5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	156		250	402.8		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Etech Environmental & Safety Solutions
 Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
 SDG: Lea County, NM

GC Semi VOA

Analysis Batch: 3855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2719-3	FS30 @ 1'	Total/NA	Solid	8015B NM	3863
MB 880-3863/1-A	Method Blank	Total/NA	Solid	8015B NM	3863
LCS 880-3863/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3863
LCSD 880-3863/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3863

Prep Batch: 3863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2719-3	FS30 @ 1'	Total/NA	Solid	8015NM Prep	
MB 880-3863/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3863/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3863/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2719-1	FS2 @ 1.5'	Soluble	Solid	DI Leach	
880-2719-2	FS3 @ 1'	Soluble	Solid	DI Leach	
880-2719-4	FS41 @ 1'	Soluble	Solid	DI Leach	
MB 880-3826/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3826/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3826/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2719-1 MS	FS2 @ 1.5'	Soluble	Solid	DI Leach	
880-2719-1 MSD	FS2 @ 1.5'	Soluble	Solid	DI Leach	

Analysis Batch: 3828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2719-1	FS2 @ 1.5'	Soluble	Solid	300.0	3826
880-2719-2	FS3 @ 1'	Soluble	Solid	300.0	3826
880-2719-4	FS41 @ 1'	Soluble	Solid	300.0	3826
MB 880-3826/1-A	Method Blank	Soluble	Solid	300.0	3826
LCS 880-3826/2-A	Lab Control Sample	Soluble	Solid	300.0	3826
LCSD 880-3826/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3826
880-2719-1 MS	FS2 @ 1.5'	Soluble	Solid	300.0	3826
880-2719-1 MSD	FS2 @ 1.5'	Soluble	Solid	300.0	3826

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Client Sample ID: FS2 @ 1.5'

Lab Sample ID: 880-2719-1

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	3826	06/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			3828	06/07/21 08:59	CH	XEN MID

Client Sample ID: FS3 @ 1'

Lab Sample ID: 880-2719-2

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	3826	06/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			3828	06/07/21 09:15	CH	XEN MID

Client Sample ID: FS30 @ 1'

Lab Sample ID: 880-2719-3

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3863	06/07/21 14:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3855	06/08/21 10:20	AJ	XEN MID

Client Sample ID: FS41 @ 1'

Lab Sample ID: 880-2719-4

Date Collected: 06/02/21 00:00

Matrix: Solid

Date Received: 06/04/21 07:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	3826	06/07/21 08:00	CH	XEN MID
Soluble	Analysis	300.0		1			3828	06/07/21 09:21	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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
8015B NM	8015NM Prep	Solid	Total TPH

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD-Goodnight Midstream

Job ID: 880-2719-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-2719-1	FS2 @ 1.5'	Solid	06/02/21 00:00	06/04/21 07:28	1.5'
880-2719-2	FS3 @ 1'	Solid	06/02/21 00:00	06/04/21 07:28	1'
880-2719-3	FS30 @ 1'	Solid	06/02/21 00:00	06/04/21 07:28	1'
880-2719-4	FS41 @ 1'	Solid	06/02/21 00:00	06/04/21 07:28	1'

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-2719-1

SDG Number: Lea County, NM

Login Number: 2719

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, 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.	False	No times on COC, logged in per container labels.
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	



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-2824-1
Laboratory Sample Delivery Group: 12795
Client Project/Site: Wrigley SWD

For:
Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: Joel Lowry

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
6/9/2021 8:25:12 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Laboratory Job ID: 880-2824-1
SDG: 12795

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	13
Method Summary	14
Sample Summary	15
Chain of Custody	16
Receipt Checklists	17

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low 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
SQL	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
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Job ID: 880-2824-1

Laboratory: Eurofins Xenco, Midland**Narrative**

**Job Narrative
880-2824-1****Receipt**

The samples were received on 6/8/2021 1:58 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C

GC Semi VOA

Method 8015MOD_NM: Manual integration was performed on the following samples: (MB 880-3906/1-A) and (890-783-A-1-E). A manual integration was performed in the >C12-C28 hydrocarbon range and the >C28-C36 hydrocarbon range due to a baseline rise creating a false detections.

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
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Client Sample ID: FS10@1'

Lab Sample ID: 880-2824-1

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		5.03		mg/Kg			06/09/21 12:42	1

Client Sample ID: FS11@1'

Lab Sample ID: 880-2824-2

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.08		5.03		mg/Kg			06/09/21 12:47	1

Client Sample ID: FS14@1'

Lab Sample ID: 880-2824-3

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.5		5.03		mg/Kg			06/09/21 12:52	1

Client Sample ID: FS20@1'

Lab Sample ID: 880-2824-4

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/09/21 05:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/09/21 05:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/09/21 05:57	1
Total TPH	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/09/21 05:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	06/08/21 16:28	06/09/21 05:57	1
o-Terphenyl	96		70 - 130	06/08/21 16:28	06/09/21 05:57	1

Client Sample ID: FS24@1'

Lab Sample ID: 880-2824-5

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.5		4.97		mg/Kg			06/09/21 12:57	1

Eurofins Xenco, Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Client Sample ID: FS28@1.5'

Lab Sample ID: 880-2824-6

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 1.5'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	311		4.95		mg/Kg			06/09/21 13:01	1

Client Sample ID: SCDW@3'

Lab Sample ID: 880-2824-7

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 3'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		5.00		mg/Kg			06/09/21 13:06	1

Client Sample ID: SCDE@5'

Lab Sample ID: 880-2824-8

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Sample Depth: 5'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			06/09/21 13:11	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

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)
880-2824-4	FS20@1'	112	96
LCS 880-3906/2-A	Lab Control Sample	98	98
LCSD 880-3906/3-A	Lab Control Sample Dup	99	99
MB 880-3906/1-A	Method Blank	94	0.003 S1-

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

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

Lab Sample ID: MB 880-3906/1-A

Matrix: Solid

Analysis Batch: 3875

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/08/21 21:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/08/21 21:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/08/21 21:32	1
Total TPH	<50.0	U	50.0		mg/Kg		06/08/21 16:28	06/08/21 21:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	06/08/21 16:28	06/08/21 21:32	1
o-Terphenyl	0.003	S1-	70 - 130	06/08/21 16:28	06/08/21 21:32	1

Lab Sample ID: LCS 880-3906/2-A

Matrix: Solid

Analysis Batch: 3875

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	892.1		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-3906/3-A

Matrix: Solid

Analysis Batch: 3875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3906

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	888.3		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	99		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3898/1-A

Matrix: Solid

Analysis Batch: 3912

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/09/21 10:45	1

Eurofins Xenco, Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

GC Semi VOA

Analysis Batch: 3875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2824-4	FS20@1'	Total/NA	Solid	8015B NM	3906
MB 880-3906/1-A	Method Blank	Total/NA	Solid	8015B NM	3906
LCS 880-3906/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3906
LCSD 880-3906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3906

Prep Batch: 3906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2824-4	FS20@1'	Total/NA	Solid	8015NM Prep	
MB 880-3906/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3906/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2824-1	FS10@1'	Soluble	Solid	DI Leach	
880-2824-2	FS11@1'	Soluble	Solid	DI Leach	
880-2824-3	FS14@1'	Soluble	Solid	DI Leach	
880-2824-5	FS24@1'	Soluble	Solid	DI Leach	
880-2824-6	FS28@1.5'	Soluble	Solid	DI Leach	
880-2824-7	SCDW@3'	Soluble	Solid	DI Leach	
880-2824-8	SCDE@5'	Soluble	Solid	DI Leach	
MB 880-3898/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3898/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3898/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 3912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2824-1	FS10@1'	Soluble	Solid	300.0	3898
880-2824-2	FS11@1'	Soluble	Solid	300.0	3898
880-2824-3	FS14@1'	Soluble	Solid	300.0	3898
880-2824-5	FS24@1'	Soluble	Solid	300.0	3898
880-2824-6	FS28@1.5'	Soluble	Solid	300.0	3898
880-2824-7	SCDW@3'	Soluble	Solid	300.0	3898
880-2824-8	SCDE@5'	Soluble	Solid	300.0	3898
MB 880-3898/1-A	Method Blank	Soluble	Solid	300.0	3898
LCS 880-3898/2-A	Lab Control Sample	Soluble	Solid	300.0	3898
LCSD 880-3898/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3898

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Client Sample ID: FS10@1'

Lab Sample ID: 880-2824-1

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	3898	06/08/21 14:56	CH	XEN MID
Soluble	Analysis	300.0		1			3912	06/09/21 12:42	CH	XEN MID

Client Sample ID: FS11@1'

Lab Sample ID: 880-2824-2

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	3898	06/08/21 14:56	CH	XEN MID
Soluble	Analysis	300.0		1			3912	06/09/21 12:47	CH	XEN MID

Client Sample ID: FS14@1'

Lab Sample ID: 880-2824-3

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	3898	06/08/21 14:56	CH	XEN MID
Soluble	Analysis	300.0		1			3912	06/09/21 12:52	CH	XEN MID

Client Sample ID: FS20@1'

Lab Sample ID: 880-2824-4

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3906	06/08/21 16:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3875	06/09/21 05:57	AJ	XEN MID

Client Sample ID: FS24@1'

Lab Sample ID: 880-2824-5

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	3898	06/08/21 14:56	CH	XEN MID
Soluble	Analysis	300.0		1			3912	06/09/21 12:57	CH	XEN MID

Client Sample ID: FS28@1.5'

Lab Sample ID: 880-2824-6

Date Collected: 06/07/21 00:00

Matrix: Solid

Date Received: 06/08/21 13:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	3898	06/08/21 14:56	CH	XEN MID
Soluble	Analysis	300.0		1			3912	06/09/21 13:01	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Client Sample ID: SCDW@3'**Lab Sample ID: 880-2824-7****Date Collected: 06/07/21 00:00****Matrix: Solid****Date Received: 06/08/21 13:58**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	3898	06/08/21 14:56	CH	XEN MID
Soluble	Analysis	300.0		1			3912	06/09/21 13:06	CH	XEN MID

Client Sample ID: SCDE@5'**Lab Sample ID: 880-2824-8****Date Collected: 06/07/21 00:00****Matrix: Solid****Date Received: 06/08/21 13:58**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	3898	06/08/21 14:56	CH	XEN MID
Soluble	Analysis	300.0		1			3912	06/09/21 13:11	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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
8015B NM	8015NM Prep	Solid	Total TPH

- 1
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Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Method	Method Description	Protocol	Laboratory
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Wrigley SWD

Job ID: 880-2824-1
SDG: 12795

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-2824-1	FS10@1'	Solid	06/07/21 00:00	06/08/21 13:58	1'
880-2824-2	FS11@1'	Solid	06/07/21 00:00	06/08/21 13:58	1'
880-2824-3	FS14@1'	Solid	06/07/21 00:00	06/08/21 13:58	1'
880-2824-4	FS20@1'	Solid	06/07/21 00:00	06/08/21 13:58	1'
880-2824-5	FS24@1'	Solid	06/07/21 00:00	06/08/21 13:58	1'
880-2824-6	FS28@1.5'	Solid	06/07/21 00:00	06/08/21 13:58	1.5'
880-2824-7	SCDW@3'	Solid	06/07/21 00:00	06/08/21 13:58	3'
880-2824-8	SCDE@5'	Solid	06/07/21 00:00	06/08/21 13:58	5'



Chain of Custody

Houston TX (281) 240-4200, Dallas TX (214) 343-1111
 Midland TX (432) 704-5440 EL Pas
 Hobbs NM (575) 392-7550, Carlsbac
 Tampa, FL (813) 620-2000 Tallahassee
 Atlanta



880-2824 Chain of Custody

Work Order No: 880-2824

www.xenco.com

Page 1 of 1

Project Manager	Joel Lowry	Bill to. (if different)	Albert Ochoa
Company Name	Etech Environmental and Safety	Company Name	Goodnight Midstream
Address	3100 Plains Hwy	Address	
City, State ZIP	Lovington, NM, 88260	City, State ZIP	
Phone	575-396-2378	Email	Email Results to PM@etechenv.com + Client

Work Order Comments	
Program: UST/PST ☐ PRF ☐ Brownfield ☐ RR ☐ Superfund ☐	State of Project.
Reporting Level ☐ Level ☐ PST/US ☐ TRF ☐ Level ☐	
Deliverables EDD ☐ ADaPT ☐ Other	

Project Name:	Wrigley SWD	Turn Around	ANALYSIS REQUEST																Preservative Codes							
Project Number	12795	Routine ☐																	HNO3 HN							
Project Location	Lea County, NM	Rush ☒																	H2SO4 H2							
Sampler's Name	Matthew Grieco	Due Date ASAP																	HCL HL							
PO #:																			None NO							
SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐	Number of Containers/Preservative Code Chloride E300 BTEX 8021 TPH Modified Ext																NaOH Na						
Temperature (°C):	3.3 / 3.8	Thermometer ID:	MeOH Me																							
Received Intact:	Yes ☒ No ☐	Correction Factor:	Zn Acetate+ NaOH Zn																							
Cooler Custody Seals:	Yes ☐ No ☒ N/A	Total Containers:	TAT starts the day received by the lab if received by 4 30pm																							
Sample Custody Seals:	Yes ☐ No ☒ N/A																		Sample Comments							
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	Chloride E300	BTEX 8021	TPH Modified Ext																		
FS10 @ 1'	Soil	6/7/2021		1'	1/NO	X																				
FS11 @ 1'	Soil	6/7/2021		1'	1/NO	X																				
FS14 @ 1'	Soil	6/7/2021		1'	1/NO	X																				
FS20 @ 1'	Soil	6/7/2021		1'	1/NO			X																		
FS24 @ 1'	Soil	6/7/2021		1'	1/NO	X																				
FS28 @ 1.5'	Soil	6/7/2021		1.5'	1/NO	X																				
SCDW @ 3'	Soil	6/7/2021		3'	1/NO	X																				
SCDE @ 5'	Soil	6/7/2021		5'	1/NO	X																				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti 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 TI 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 <i>[Signature]</i>	<i>Eva Canille</i>	6-7-21 3:30	2 <i>Eva Canille</i>	<i>K90W</i>	6/8/21 1358
3			4		
5			6		

Revised Date 10/14/19 Rev 2019 1

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-2824-1

SDG Number: 12795

Login Number: 2824

List Number: 1

Creator: Phillips, Kerianna

List Source: Eurofins Xenco, Midland

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



Environment Testing
America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-2912-1

Laboratory Sample Delivery Group: Lea County, NM
Client Project/Site: WRIGLEY SWD 12795

For:

Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: PM List

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
6/10/2021 11:04:12 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Laboratory Job ID: 880-2912-1
SDG: Lea County, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
QC Sample Results	6
QC Association Summary	7
Lab Chronicle	8
Certification Summary	9
Method Summary	10
Sample Summary	11
Chain of Custody	12
Receipt Checklists	13

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Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Qualifiers

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
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Job ID: 880-2912-1

Laboratory: Eurofins Xenco, Midland

Narrative	
	Job Narrative 880-2912-1

Receipt

The sample was received on 6/9/2021 1:56 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C

HPLC/IC

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

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Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Client Sample ID: SCDS @ 6'
Date Collected: 06/08/21 00:00
Date Received: 06/09/21 13:56
Sample Depth: 6'

Lab Sample ID: 880-2912-1
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		4.98		mg/Kg			06/09/21 16:05	1

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QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3918/1-A

Matrix: Solid

Analysis Batch: 3939

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/09/21 15:01	1

Lab Sample ID: LCS 880-3918/2-A

Matrix: Solid

Analysis Batch: 3939

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	247.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-3918/3-A

Matrix: Solid

Analysis Batch: 3939

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	247.6		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

HPLC/IC

Leach Batch: 3918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2912-1	SCDS @ 6'	Soluble	Solid	DI Leach	
MB 880-3918/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3918/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3918/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 3939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2912-1	SCDS @ 6'	Soluble	Solid	300.0	3918
MB 880-3918/1-A	Method Blank	Soluble	Solid	300.0	3918
LCS 880-3918/2-A	Lab Control Sample	Soluble	Solid	300.0	3918
LCSD 880-3918/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3918

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Client Sample ID: SCDS @ 6'
Date Collected: 06/08/21 00:00
Date Received: 06/09/21 13:56

Lab Sample ID: 880-2912-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	3918	06/09/21 14:31	CH	XEN MID
Soluble	Analysis	300.0		1			3939	06/09/21 16:05	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

- 1
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- 3
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- 11
- 12
- 13

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: WRIGLEY SWD 12795

Job ID: 880-2912-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-2912-1	SCDS @ 6'	Solid	06/08/21 00:00	06/09/21 13:56	6'

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Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-2912-1

SDG Number: Lea County, NM

Login Number: 2912

List Number: 1

Creator: Phillips, Kerianna

List Source: Eurofins Xenco, Midland

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

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 55031

CONDITIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 55031
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Goodnight Midstream's deferral requests to complete final remediation of soil sample locations "Discharge SMP #11", "BCDN", "BCDE", "BCDS", "BCDW", "SCDN", "SCDE", "SCDS", and "SCDW" during any future major deconstruction/alteration and/or abandonment, whichever occurs first. The area has been delineated and documented in the report. At this time, OCD approves the request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	3/11/2022