

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	napp2200343814
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Solaris Water Midstream, LLC	OGRID 371643
Contact Name Rob Kirk	Contact Telephone (469) 978-5620
Contact email rob.kirk@ariswater.com	Incident # (assigned by OCD) napp2200343814
Contact mailing address 907 Tradewinds Blvd, Suite B, Midland, TX 79706	

Location of Release Source

Latitude 32.387155 Longitude -103.645147
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Speedy Booster Pump	Site Type Booster Pump
Date Release Discovered 1/2/22	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
O	14	22	32	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 87	Volume Recovered (bbls) 36
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Equipment failure - coupling.

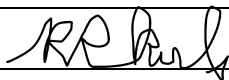
State of New Mexico
Oil Conservation Division

Incident ID	napp2200343814
District RP	
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Unauthorized release of a volume, excluding gases, of 25 barrels or more.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Rob Kirk via the web portal on 1/3/22.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Rob Kirk</u>	Title: <u>VP & General Manager, HSE & Compliance</u>
Signature: <u></u>	Date: <u>06/15/2022</u>
email: <u>rob.kirk@ariswater.com</u>	Telephone: <u>(469) 978-5620</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>06/22/2022</u>

Incident ID	napp2200343814
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>340</u> (ft bgs)
Did this 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 an 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 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

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

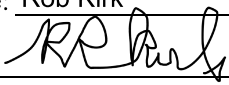
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	napp2200343814
District RP	
Facility ID	
Application ID	

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: Rob Kirk Title: VP & General Manager, HSE & ComplianceSignature:  Date: 06/15/2022email: rob.kirk@ariswater.com Telephone: (469) 978-5620**OCD Only**

Received by: _____ Date: _____

Incident ID	napp2200343814
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.

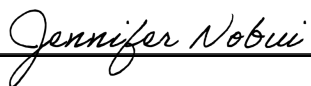
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public 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: Rob Kirk Title: VP & General Manager, HSE & Compliance
Signature:  Date: 06/15/2022
email: rob.kirk@ariswater.com Telephone: (469) 978-5620

OCD Only

Received by: _____ Date: _____

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature:  Date: 07/05/2022

Site Assessment Report and Proposed Remediation Workplan

Solaris Water Midstream, LLC

Speedy Booster

Lea County, New Mexico

Unit Letter O, Section 14, Township 22 South, Range 32 East

Latitude 32.387155 North, Longitude 103.645147 West

NMOCD Reference No. nAPP2200343814

Prepared By:

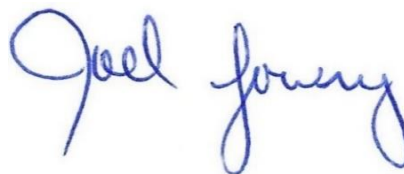
Etech Environmental & Safety Solutions, Inc.

2617 W. Marland

Hobbs, New Mexico 88240



Matthew Grieco



Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Solaris Water Midstream, LLC, has prepared this *Site Assessment Report and Proposed Remediation Workplan* for the release site known as the Speedy Booster (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.387155 Longitude: -103.645147

Provided GPS are in WGS84 format.

Site Name:	Speedy Booster	Site Type:	Booster Pump
Date Release Discovered:	1/2/2022	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
O	14	22S	32E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name)

Nature and Volume of Release

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 87	Volume Recovered (bbls) 36
	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:
Equipment failure - Coupling

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?	340 Feet	
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 on 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 Standard for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
340 Feet	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	-
	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

On January 26, 2022, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores were advanced within the release margins in an effort to determine the vertical extent of soil impacts. In addition, hand-augered soil bores were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of soil impacts. During the advancement of the hand-augered soil bores, field soil samples were collected and field-screened for the presence of volatile organic compounds utilizing visual/olfactory senses and concentrations of chloride utilizing a Hach Quantab® chloride test kit. A site and sample location map is provided as Figure 3. Field data and soil profile logs are provided as Appendix B.

Based on field observations and field test data, sixteen (16) horizontal delineation soil samples (EH1 – EH3, WH1 – WH3, NH1, and SH1, all at 0' and 1'), four (4) overspray delineation soil samples (OS1 and OS2, both at 0' and 1'), and eight (8) vertical delineation soil samples (V1 – V4, all at 0'; V1 @ 4'; V2 @ 1'; V3 @ 2'-R; and V4 @ 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 four (4) feet bgs in the area characterized by sample point V1. Soil was not affected above the NMOCD Reclamation Standard beyond two (2) feet bgs in the area characterized by sample point V3, and one (1) foot bgs in the areas characterized by sample points V2 and V4. The horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined. A soil chemistry table is provided as Table 1. Laboratory analytical reports are provided in Appendix C.

5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics, and field observations made during the initial site assessment, Solaris Water Midstream, LLC, proposes the following remediation activities designed to advance the Site toward an approved closure:

- Utilizing mechanical equipment, excavate impacted soil affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard within the approximate 5,200-square-foot area characterized by sample point V1 to an estimated depth of 4 feet bgs, or 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.
- Excavate impacted soil affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standard within the approximate 2,400-square-foot area characterized by sample points V2 through V4 (consisting of the road and narrow flow path) to an estimated average depth of 1.5 feet bgs, or 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 impacted soil on-site, then transport it to an NMOCD-approved disposal facility.
- Collect excavation confirmation soil samples for laboratory analysis.
- 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 and Soil Closure Request* detailing field activities and laboratory analytical results from confirmation soil sample.

6.0 SAMPLING PLAN

Upon completion of excavation activities, representative five-point composite confirmation soil samples will be collected from the excavation sidewalls in each cardinal direction, representing no more than 50 linear feet. A minimum of one (1) representative five-point composite confirmation soil sample will be collected from the base of the excavated area representing every 200 square feet. Additional, discrete grab samples will be collected from wet or visibly stained areas inferred to have been affected by the release, as necessary.

7.0 TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Remediation activities are expected to be completed within ninety (90) days of receiving necessary approval(s) of the *Site Assessment Report and Proposed Remediation Workplan*. Based on laboratory analytical results, site characteristics, and field observations made during the initial site assessment, it is estimated that approximately 1,060 cubic yards of impacted soil is in need of removal.

8.0 RESTORATION, RECLAMATION, AND RE-VEGETATION PLAN

Areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be compacted and contoured to achieve erosion control, stability, preservation of surface water flow, and to meet the needs of the facility, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the Site.

9.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Site Assessment Report and Proposed Remediation Workplan* 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 Solaris Water Midstream, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Solaris Water Midstream, LLC.

10.0 DISTRIBUTION

Solaris Water Midstream, LLC

907 Tradewinds Blvd

Ste B

Midland, TX 79706

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

1220 South St. Francis Drive

Santa Fe, NM 87505

United States Department of the Interior

Bureau of Land Management

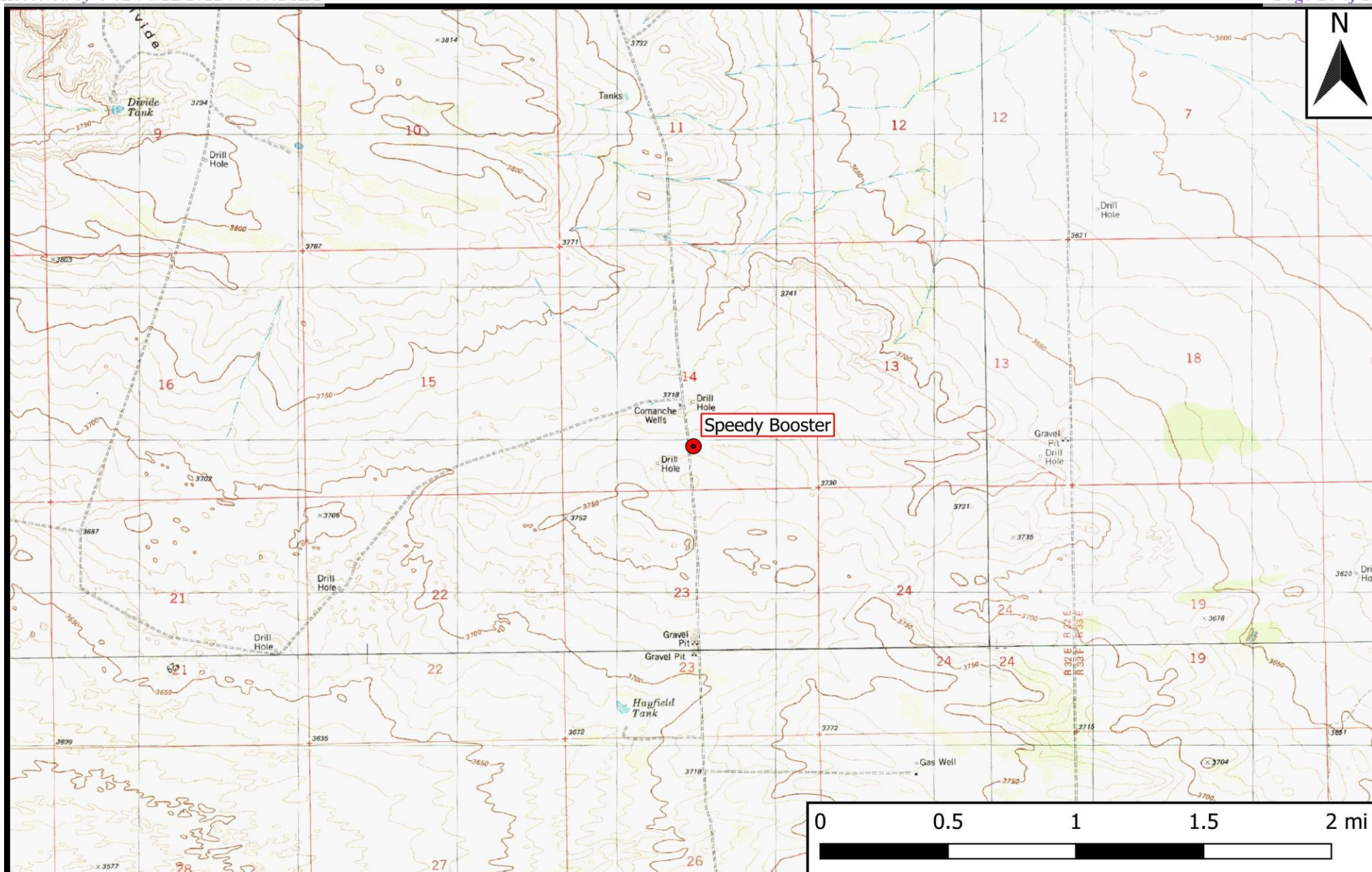
620 E. Greene Street

Carlsbad, NM 88220

(Electronic Submission)

Figure 1

Topographic Map



Legend

● Site Location

Figure 1

Topographic Map
 Solaris Water Midstream, LLC
 Speedy Booster
 GPS: 32.387155, -103.645147
 Lea County

ETECH
 Environmental & Safety Solutions, Inc.

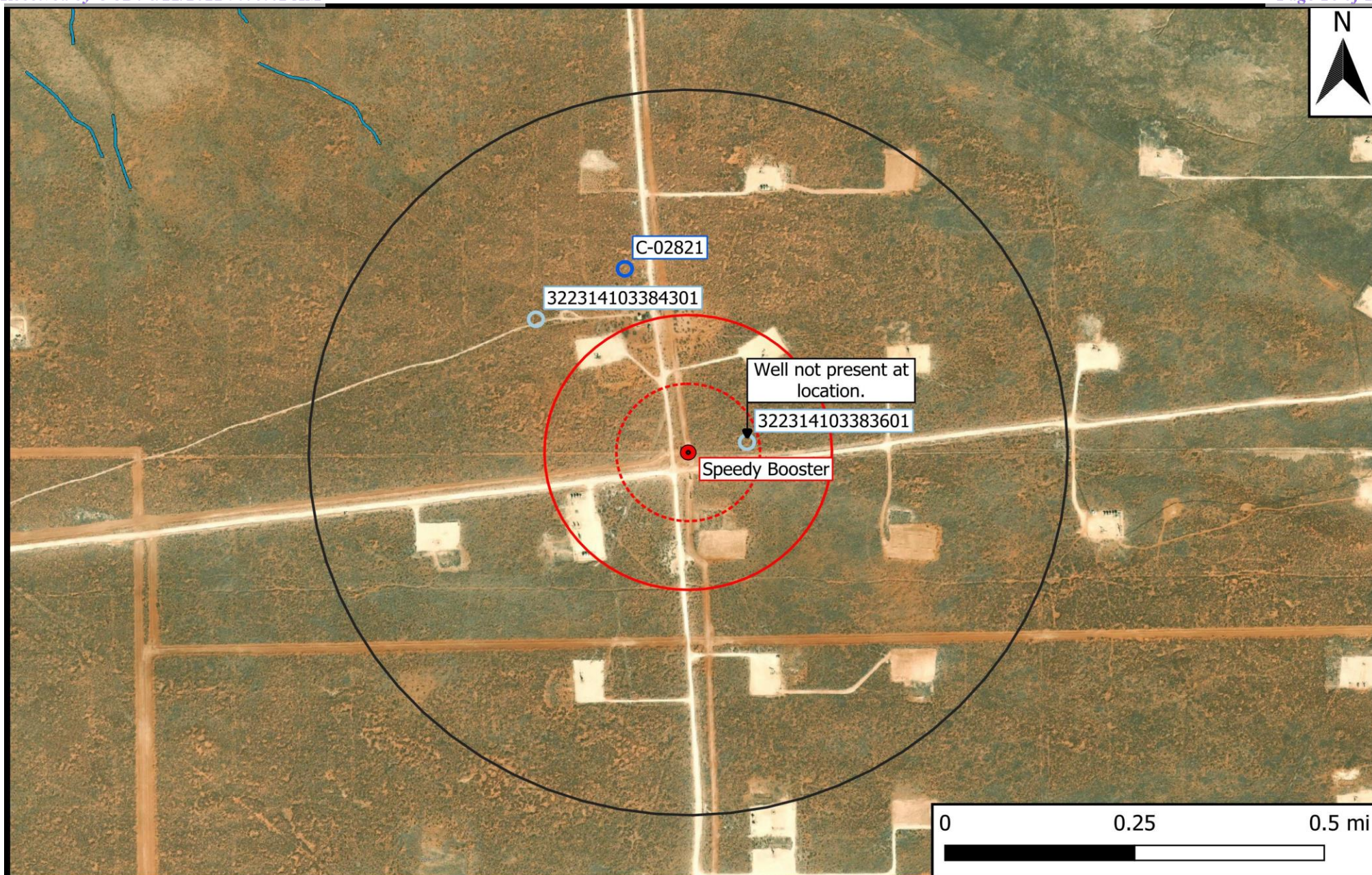
Drafted: mag

Checked: jwl

Date: 1/13/22

Figure 2

Aerial Proximity Map



Legend	
● Site Location	500 Ft Radius
○ Well - NMOSE	1000 Ft Radius
○ Well - USGS	0.5 Mi Radius
— Potash Mine Workings	1% Annual Flood Chance
■ Medium/High Karst	■ Lake/Freshwater Pond
	■ Emergent/Forested Wetlands
	■ Riverine

Figure 2
Aerial Proximity Map
Solaris Water Midstream, LLC
Speedy Booster
GPS: 32.387155, -103.645147
Lea County

eTECH
Environmental & Safety Solutions, Inc.

Drafted: mag

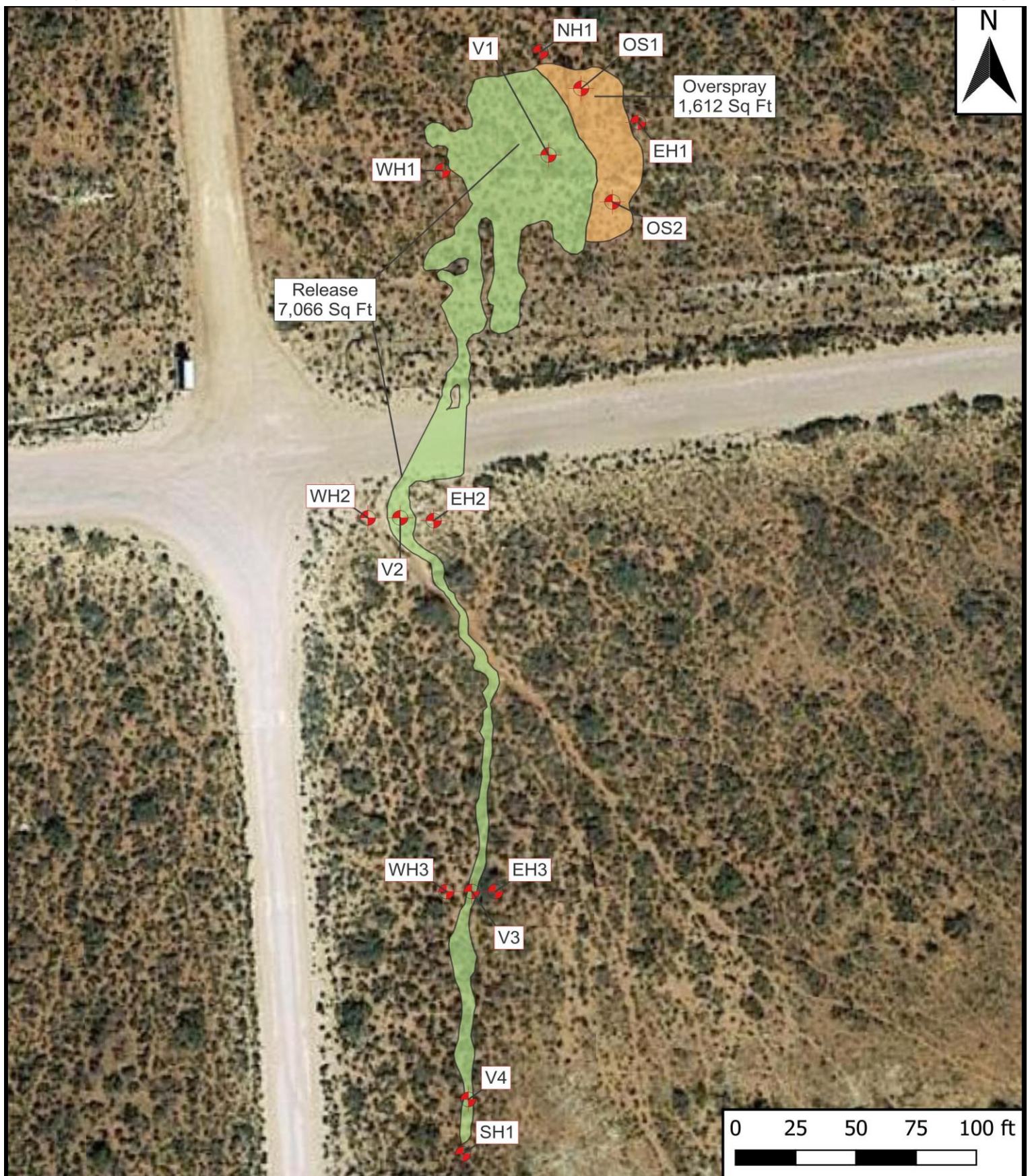
Checked: jwl

Date:

6/3/22

Figure 3

Site and Sample Location Map



Legend

- Sample Point
- Overspray
- Release

Figure 3

Site and Sample Location Map
 Solaris Water Midstream, LLC
 Speedy Booster
 GPS: 32.387155, -103.645147
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: mag

Checked: jwl

Date: 6/10/22

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Solaris Water Midstream, LLC
Speedy Booster
NMOCD Ref. #: nAPP2200343814

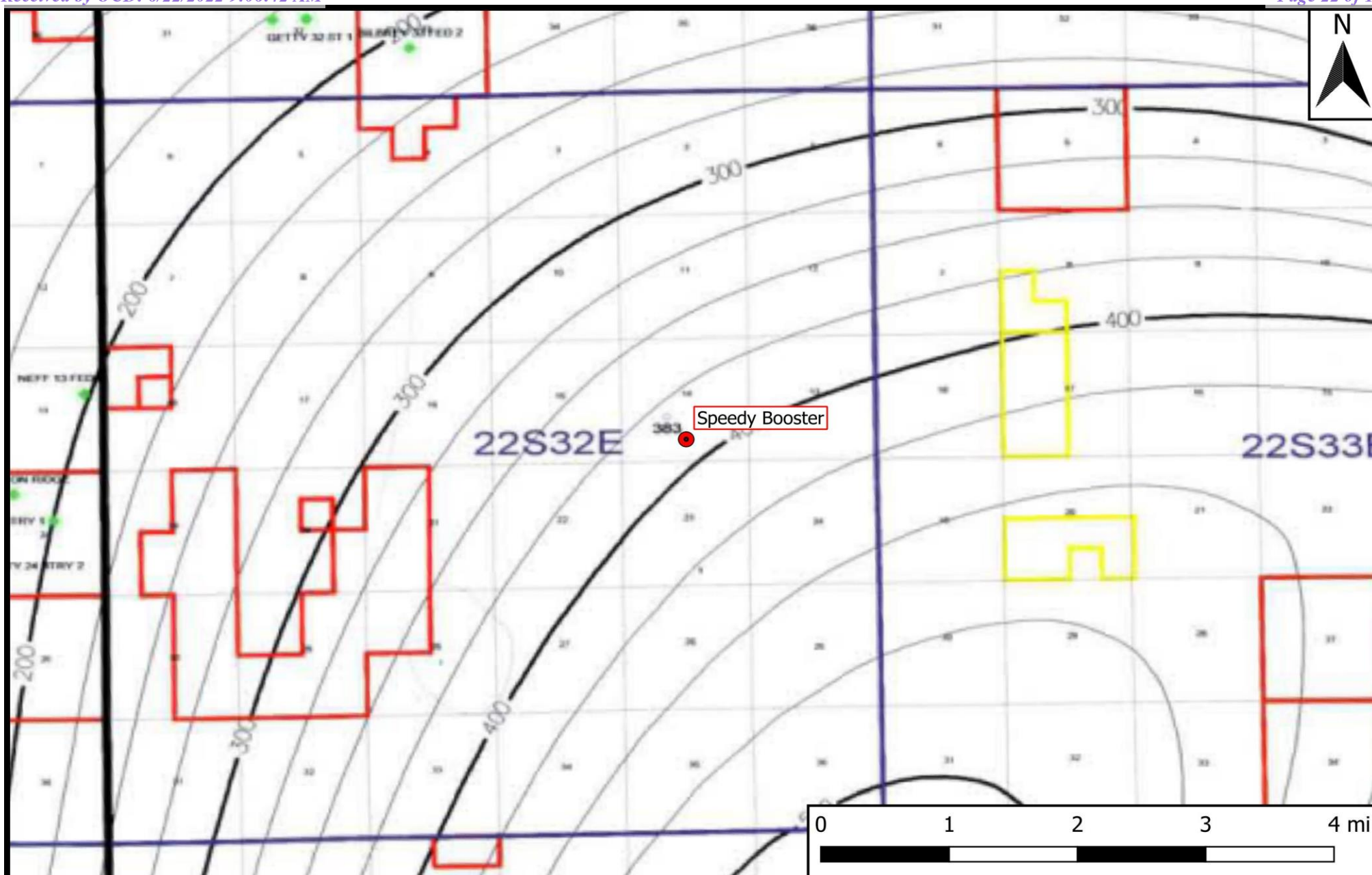
NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
EH1 @ 0'	1/26/2022	0	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	23.3
EH1 @ 1'	1/26/2022	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	34.2
EH2 @ 0'	1/26/2022	0	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	80.0
EH2 @ 1'	1/26/2022	1	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	345
EH3 @ 0'	1/26/2022	0	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	77.8
EH3 @ 1'	1/26/2022	1	In-Situ	0.00303	0.0414	<50.0	<50.0	<50.0	<50.0	<50.0	48.1
NH1 @ 0'	1/26/2022	0	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	38.9
NH1 @ 1'	1/26/2022	1	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	28.5
SH1 @ 0'	1/26/2022	0	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	27.1
SH1 @ 1'	1/26/2022	1	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
WH1 @ 0'	1/26/2022	0	In-Situ	0.0128	0.0845	<49.9	<49.9	<49.9	<49.9	<49.9	26.7
WH1 @ 1'	1/26/2022	1	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	26.5
WH2 @ 0'	1/26/2022	0	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	71.9
WH2 @ 1'	1/26/2022	1	In-Situ	<0.00200	0.0610	<49.9	<49.9	<49.9	<49.9	<49.9	32.8
WH3 @ 0'	1/26/2022	0	In-Situ	0.0713	0.191	<50.0	<50.0	<50.0	<50.0	<50.0	<4.95
WH3 @ 1'	1/26/2022	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	<5.05
OS1 @ 0'	1/26/2022	0	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	8.80
OS1 @ 1'	1/26/2022	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	26.1
OS2 @ 0'	1/26/2022	0	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	39.6
OS2 @ 1'	1/26/2022	1	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	12.0
V1 @ 0'	1/26/2022	0	In-Situ	<0.202	83.1	1,960	5,640	7,600	<49.9	7,600	6,320
V1 @ 4'	1/26/2022	4	In-Situ	<0.00199	0.210	<50.0	604	604	<50.0	604	2,640
V2 @ 0'	1/26/2022	0	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	2,320
V2 @ 1'	1/26/2022	1	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	321
V3 @ 0'	1/26/2022	0	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	7,060
V3 @ 2'-R	1/26/2022	2	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	446
V4 @ 0'	1/26/2022	0	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	669
V4 @ 1'	1/26/2022	1	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	39.9

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

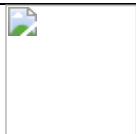
Inferred Depth to Groundwater Trend Map
 Solaris Water Midstream, LLC
 Speedy Booster
 GPS: 32.387155, -103.645147
 Lea County



Drafted: mag

Checked: jwl

Date: 1/13/22



New Mexico Office of the State Engineer

(In feet)

mn

Maximum Depth: **360 feet**

UTMNAD83 Radius Search (in meters):

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.

1/13/22 7:04 AM

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)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
C	02096	2	3	14	22S	32E	627204	3584464*	
Driller License:					Driller Company:				
Driller Name: JOHN H. TRIGG CO.									
Drill Start Date:					Drill Finish Date:		12/31/1963	Plug Date:	
Log File Date:					PCW Rev Date:			Source:	
Pump Type:					Pipe Discharge Size:			Estimated Yield: 25 GPM	
Casing Size: 7.00					Depth Well:		435 feet	Depth Water: 360 feet	

*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.



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
C	02821	2	2	3	14	22S	32E	627303	3584563*

Driller License: 1348

Driller Company: TAYLOR WATER WELL SERVICE

Driller Name:

Drill Start Date: 06/12/2001

Drill Finish Date: 06/23/2001

Plug Date:

Log File Date: 10/04/2001

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 2 GPM

Casing Size: 5.00

Depth Well: 540 feet

Depth Water: 340 feet

Water Bearing Stratifications:

Top	Bottom	Description
410	540	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
410	430
440	540

*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.

1/13/22 7:10 AM

POINT OF DIVERSION SUMMARY

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well JC Mills Ranch Owner's Well No. _____
 Street or Post Office Address Box 1358
 City and State Loving, NM 88256

Well was drilled under Permit No. C-2821 and is located in the:

a. NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 14 Township 22S Range 32E N.M.P.M.
 b. Tract No. _____ of Map No. _____ of the _____
 c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in _____ County.
 d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor Taylor Water Well Service License No. WD-1348
 Address 7317 Etcheverry Rd., Carlsbad, NM 88220

Drilling Began 6/12/01 Completed 6/23/01 Type tools Air Rotary Size of hole 7 7/8 in.

Elevation of land surface or _____ at well is UK ft. Total depth of well 540 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 340 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
410	540	130	Very thin silt stone+sand stone layers	1.5

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
5	SCH 40	PVC	+2	540	542	Cap	410	430
							440	440

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
 Address _____
 Plugging Method _____
 Date Well Plugged _____
 Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 10-04-2001

Quad _____ FWL _____ FSL _____

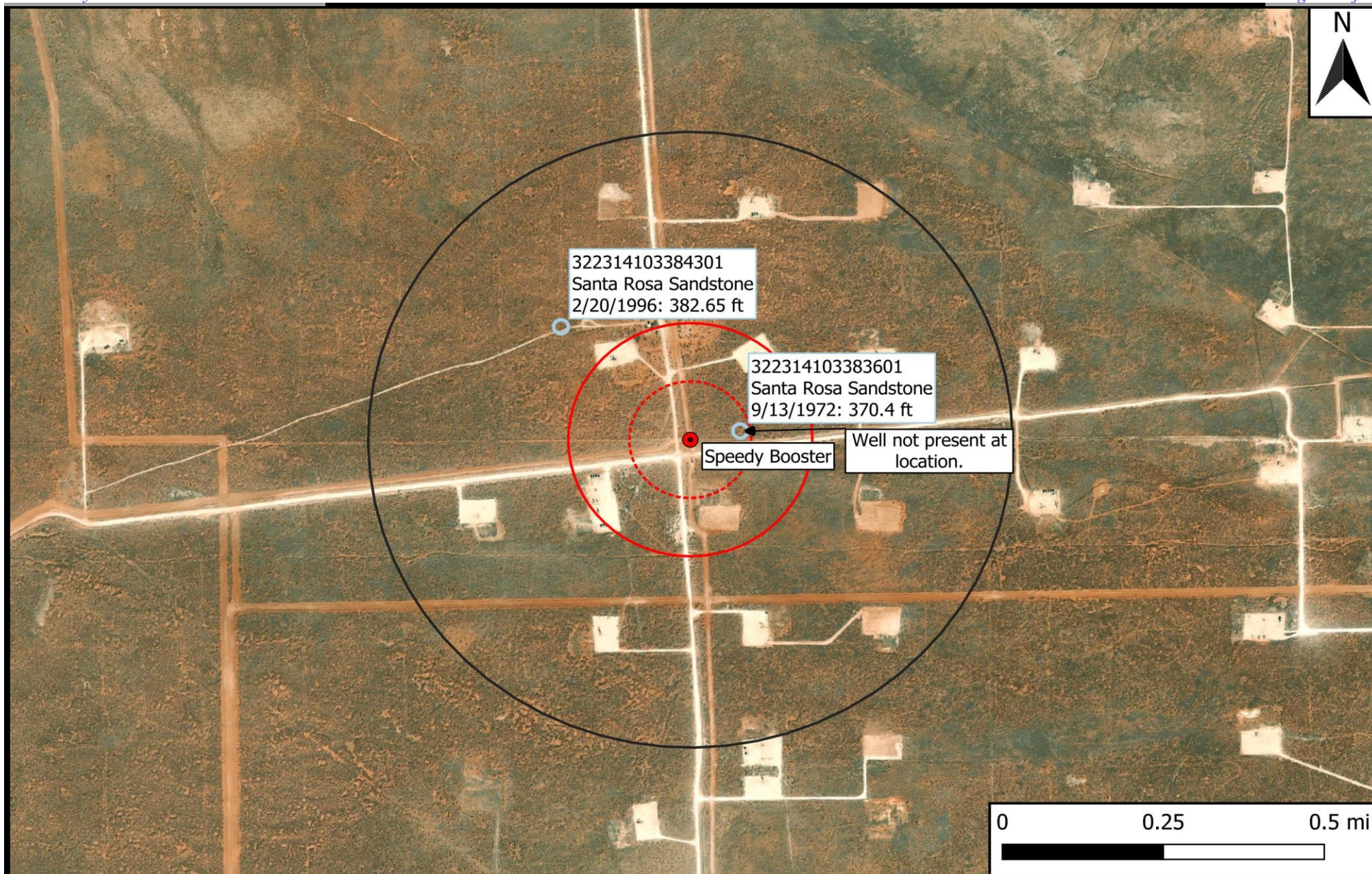
Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	4	4	Sandy Soil
4	14	10	Caliche+Pnk Shdy Consl
14	26	12	Clay:pnk,rd,sndy
26	30	4	Limestone:yel brn,dns
30	36	6	Conglomerate:wht, pnk, sndy, lmy
36	68	32	Clay:rd, sndy
68	72	4	Conglomerate:rd, sndy, vfn-fn grn, wl consl
72	166	94	Clay:rd, smth, stky
166	170	4	Siltstone:gry, fria, calc
170	184	14	Clay:rd, smth, stky
184	188	4	Siltstone:gry, fria, calc
188	194	6	Clay:rd, sft
194	238	44	Shale:rd, blky, sme rd sandstone
238	266	28	Sandstone:rd, gry, frstd, fn-med grn, shly in prt
266	290	24	Conglomerate:rd, gry, vfn grn ss+sh gravel, calc
290	302	12	Sh:rd, blky, slty, sndy
302	310	8	Conglomerate:yel brn, vry sndy, lmy
310	386	76	Shale:rd, sme lt gn+bent, blky-tblr, slty
386	390	4	Clay:rd, vry stky
390	476	86	Shale:rd, blky, slty, thin layers of sandstone
476	482	6	Sandstone:gry, vfn grn, slty, fria
482	518	36	Shale:rd, blky, slty, sme gry ss
518	522	4	Sandstone:gry, vfn grn, slty, fria, calc
522	532	10	Sh:rd, blky, slty
532	538	6	Sandstone:gry, vfn grn, slty, fria, calc
538	540	2	SH:rd, blky, slty

Section 7. REMARKS AND ADDITIONAL INFORMATION

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


Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 5 and Section 6 need be completed.



Legend

- Site Location
- Well - USGS
- ⋯ 500 Ft Radius
- ▭ 1000 Ft Radius
- ▭ 0.5 Mi Radius

Figure 5

USGS Well Proximity Map
Solaris Water Midstream, LLC
Speedy Booster
GPS: 32.387155, -103.645147
Lea County

eTECH

Environmental & Safety Solutions, Inc.



Drafted: mag

Checked: jwl

Date:

6/3/22



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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

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! Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322314103384301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322314103384301 22S.32E.14.32322

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°23'23", Longitude 103°38'53" NAD27

Land-surface elevation 3,717.00 feet above NGVD29

The depth of the well is 435 feet below land surface.

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

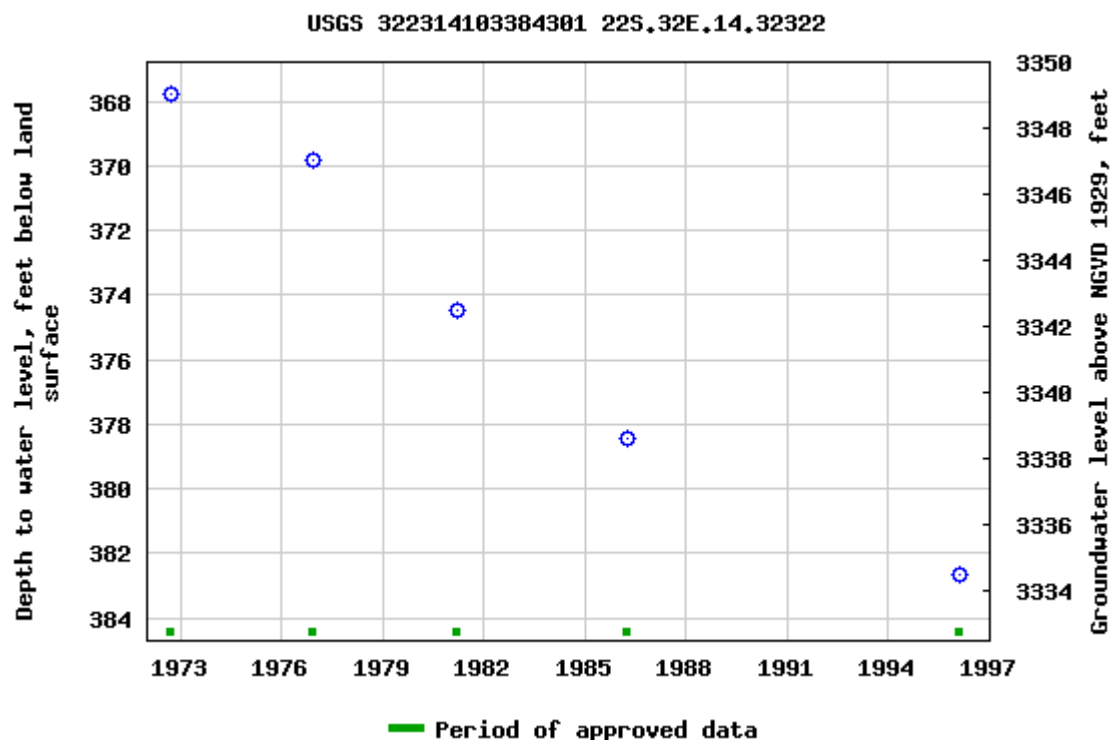
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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2022-01-12 09:25:29 EST

0.55 0.5 nadww01



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United States ▼

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USGS 322314103383601 22S.32E.14.32422

Available data for this site

SUMMARY OF ALL AVAILABLE DATA ▼

GO

Well Site

DESCRIPTION:

Latitude 32°23'14", Longitude 103°38'36" NAD27

Lea County, New Mexico , Hydrologic Unit 13070007

Well depth: 380 feet

Land surface altitude: 3,740 feet above NAVD88.

Well completed in "Other aquifers" (N9999OTHER) national aquifer.

Well completed in "Santa Rosa Sandstone" (231SNRS) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1972-09-13	1972-09-13	1
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to [New Mexico Water Science Center Water-Data Inquiries](#)

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Title: NWIS Site Information for USA: Site Inventory

URL: [https://waterdata.usgs.gov/nwis/inventory?](https://waterdata.usgs.gov/nwis/inventory?agency=USGS&site_no=322314103383601)





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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322314103383601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322314103383601 22S.32E.14.32422

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°23'14", Longitude 103°38'36" NAD27

Land-surface elevation 3,740 feet above NAVD88

The depth of the well is 380 feet below land surface.

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

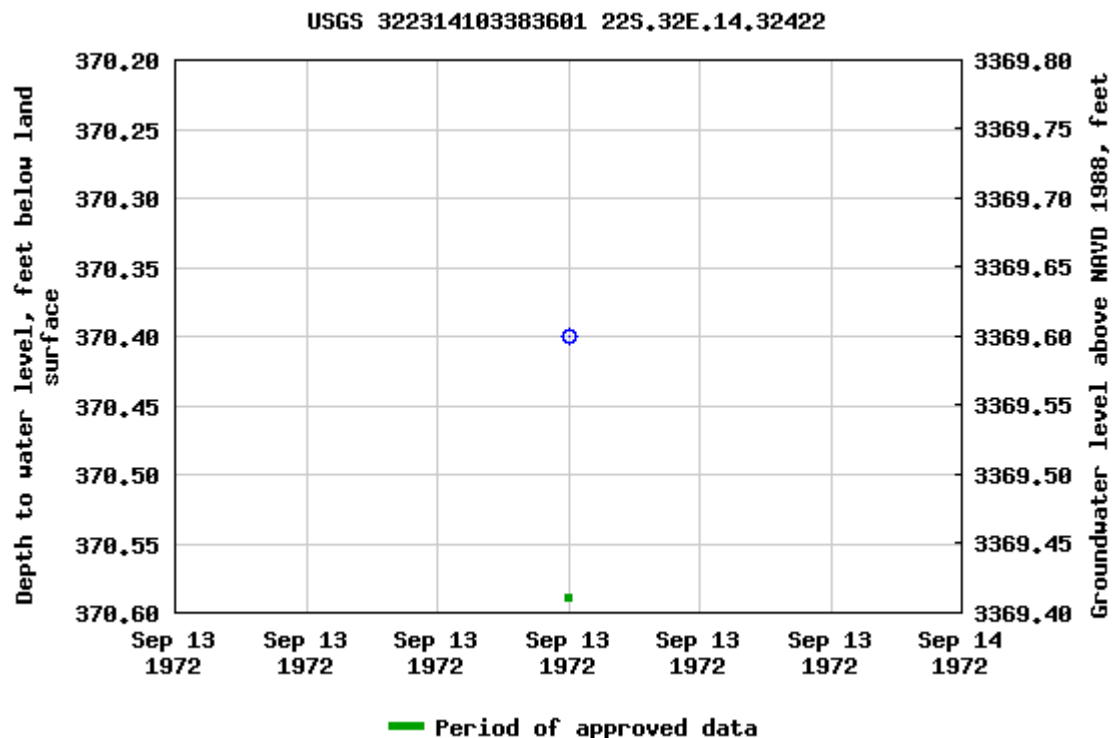
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Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



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0.62 0.51 nadww01

agency_code=USGS&site_no=322314103383601

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Page Last Modified: 2022-01-12 09:28:28 EST

0.28 0.26 caww01

Appendix B

Field Data and Soil Profile Logs



Initial Release Assessment Form

Date:

1/26/22

Project: Speedy Booster

Clean Up Level:

600 mg/kg Cl-, 100 mg/kg TPH

Project Number:

15509

Latitude:

32.387155

Longitude:

-103.645147

Site Diagram

see attached map.

Notes:

Refusal hit on sample - seems to be variable depth.

~Length: 600' ~Width: 100' ~Area: 8500
92 ft ~Depth: 4'

3-4 Representative Pictures of the Affected Area including sample locations?

Yes No



Necessary Samples Field Screened and on Ice?



Sample and Field Screen Data Entered on Sample Log?



Was horizontal and vertical delineation achieved?





Legend
 ● Site Location

Figure 3
 Site and Sample Location Map
 Solaris Water Midstream, LLC
 Speedy Booster
 GPS: 32.387155, -103.645147
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: mag
 Checked: jwl Date: 1/25/22



Sample Log

Date:

1/26/22

Project: Speedy Booster

Project Number: 15509

Latitude: 32.387155

Longitude: -103.645147

Sample ID	PID/Odor	Chloride Conc.	GPS
WH1 @ 0'	—	2.4 268	
WH1 @ 1'	—	2.2 236	
WH1 @ 0'	—	2.8 344	
WH1 @ 1'	—	2.8 344	
EH1 @ 0'	—	2.4 268	
EH1 @ 1'	—	2.8 344	
WH2 @ 0'	—	2.4 268	
WH2 @ 1'	—	3.4 468	
EH2 @ 0'	—	5.8 1240	A
EH2 @ 1'	—	2.4 268	
SH1 @ 0'	—	0.8 < 120	
SH1 @ 1'	—	2.4 268	
EH2B @ 0'	—	3.0 384	
SH3 @ 0'	—	3.0 384	
SH3 @ 1'	—	3.0 384	
WH3 @ 0'	—	2.6 304	
WH3 @ 1'	—	2.0 204	
OS1 @ 0'		2.6 304	
OS1 @ 1'		1.4 < 120	
OS2 @ 0'		2.2 236	
OS2 @ 1'		1.8 172	
V2 @ 0'		8.6 > 2572	
V2 @ 1'-R		4.6 792	
V1 @ 0'		9.0 9.0 > 2572	
V3 @ 0'		9.0 9.0 > 2572	
V4 @ 0'		5.4 1077	
V1 @ 1'		8.2 > 2572	
V3 @ 1'		7.4 2204	
V4 @ 1'		2.8 344	
V1 @ 2'		4.2 > 2572	
V3 @ 2'-R		3.6 516	
V1 @ 3'		7.4 2572	
V1 @ 4'		7.4 2204	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Appendix C

Laboratory Analytical Reports



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-10650-1

Laboratory Sample Delivery Group: Rural Eddy Co, NM
Client Project/Site: Speedy Booster

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:
2/2/2022 6:24:19 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: Speedy Booster

Laboratory Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Job ID: 880-10650-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-10650-1

Receipt

The samples were received on 1/27/2022 12:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C

GC VOA

Method 8021B: 4-Bromofluorobenzene recovery for the following samples were outside of acceptance limits: V2 @ 1' (880-10650-8) and NH1 @ 1' (880-10650-14), due to matrix interference.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-17780 and analytical batch 880-17974 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: Surrogate recovery for the following samples were outside control limits: V1 @ 4' (880-10650-6), (CCV 880-18101/20) and (CCV 880-18101/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: V1 @ 0' (880-10650-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: EH1 @ 1' (880-10650-18), EH2 @ 0' (880-10650-19), (880-10734-A-1-F MS) and (880-10734-A-1-G MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-18150 and analytical batch 880-18223 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: EH3 @ 0' (880-10650-21), EH3 @ 1' (880-10650-22), WH1 @ 0' (880-10650-23), WH1 @ 1' (880-10650-24), WH2 @ 0' (880-10650-25), WH2 @ 1' (880-10650-26), WH3 @ 0' (880-10650-27), WH3 @ 1' (880-10650-28), (880-10650-A-21-G MS) and (880-10650-A-21-H MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17962 and analytical batch 880-18076 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: OS1 @ 0'

Lab Sample ID: 880-10650-1

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 13:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 13:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 13:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 13:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 13:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	01/27/22 16:00	01/28/22 13:29	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/27/22 16:00	01/28/22 13:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 12:49	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		01/31/22 11:05	02/01/22 10:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 10:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	01/31/22 11:05	02/01/22 10:47	1
o-Terphenyl	76		70 - 130	01/31/22 11:05	02/01/22 10:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.80	F1	4.96		mg/Kg			01/30/22 16:20	1

Client Sample ID: OS1 @ 1'

Lab Sample ID: 880-10650-2

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/27/22 16:00	01/28/22 13:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 13:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 13:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 13:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 13:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/27/22 16:00	01/28/22 13:50	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: OS1 @ 1'

Lab Sample ID: 880-10650-2

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	01/27/22 16:00	01/28/22 13:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	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		01/31/22 11:05	02/01/22 11:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 11:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 11:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/31/22 11:05	02/01/22 11:52	1
o-Terphenyl	87		70 - 130				01/31/22 11:05	02/01/22 11:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.1		4.99		mg/Kg			01/30/22 16:43	1

Client Sample ID: OS2 @ 0'

Lab Sample ID: 880-10650-3

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 14:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 14:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 14:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/22 16:00	01/28/22 14:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 14:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/22 16:00	01/28/22 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	01/27/22 16:00	01/28/22 14:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/27/22 16:00	01/28/22 14:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: OS2 @ 0'

Lab Sample ID: 880-10650-3

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/31/22 11:05	02/01/22 12:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 12:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/31/22 11:05	02/01/22 12:13	1
o-Terphenyl	70		70 - 130				01/31/22 11:05	02/01/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.6		4.98		mg/Kg			01/30/22 16:51	1

Client Sample ID: OS2 @ 1'

Lab Sample ID: 880-10650-4

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

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		01/27/22 16:00	01/28/22 14:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/27/22 16:00	01/28/22 14:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/27/22 16:00	01/28/22 14:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/27/22 16:00	01/28/22 14:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/27/22 16:00	01/28/22 14:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/27/22 16:00	01/28/22 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				01/27/22 16:00	01/28/22 14:32	1
1,4-Difluorobenzene (Surr)	74		70 - 130				01/27/22 16:00	01/28/22 14:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	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	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 12:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 12:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/31/22 11:05	02/01/22 12:35	1
o-Terphenyl	68	S1-	70 - 130				01/31/22 11:05	02/01/22 12:35	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: OS2 @ 1'

Lab Sample ID: 880-10650-4

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		5.00		mg/Kg			01/30/22 16:58	1

Client Sample ID: V1 @ 0'

Lab Sample ID: 880-10650-5

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.202	U	0.202		mg/Kg		01/31/22 07:24	01/31/22 18:34	100
Toluene	15.2		0.202		mg/Kg		01/31/22 07:24	01/31/22 18:34	100
Ethylbenzene	11.1		0.202		mg/Kg		01/31/22 07:24	01/31/22 18:34	100
m-Xylene & p-Xylene	44.1		0.403		mg/Kg		01/31/22 07:24	01/31/22 18:34	100
o-Xylene	12.7		0.202		mg/Kg		01/31/22 07:24	01/31/22 18:34	100
Xylenes, Total	56.8		0.403		mg/Kg		01/31/22 07:24	01/31/22 18:34	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130				01/31/22 07:24	01/31/22 18:34	100
1,4-Difluorobenzene (Surr)	73		70 - 130				01/31/22 07:24	01/31/22 18:34	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	83.1		0.403		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7600		49.9		mg/Kg			02/02/22 12:49	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	1960		49.9		mg/Kg		01/31/22 11:05	02/01/22 15:24	1
Diesel Range Organics (Over C10-C28)	5640		49.9		mg/Kg		01/31/22 11:05	02/01/22 15:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				01/31/22 11:05	02/01/22 15:24	1
o-Terphenyl	78		70 - 130				01/31/22 11:05	02/01/22 15:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6320		49.8		mg/Kg			01/30/22 17:06	10

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V1 @ 4'

Lab Sample ID: 880-10650-6

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 4'

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		01/31/22 07:27	01/31/22 16:08	1
Toluene	0.00398		0.00199		mg/Kg		01/31/22 07:27	01/31/22 16:08	1
Ethylbenzene	0.0134		0.00199		mg/Kg		01/31/22 07:27	01/31/22 16:08	1
m-Xylene & p-Xylene	0.128		0.00398		mg/Kg		01/31/22 07:27	01/31/22 16:08	1
o-Xylene	0.0650		0.00199		mg/Kg		01/31/22 07:27	01/31/22 16:08	1
Xylenes, Total	0.193		0.00398		mg/Kg		01/31/22 07:27	01/31/22 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	01/31/22 07:27	01/31/22 16:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/31/22 07:27	01/31/22 16:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.210		0.00398		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	604		50.0		mg/Kg			02/02/22 12:49	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	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 15:53	1
Diesel Range Organics (Over C10-C28)	604		50.0		mg/Kg		01/31/22 11:05	02/01/22 15:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	01/31/22 11:05	02/01/22 15:53	1
o-Terphenyl	73		70 - 130	01/31/22 11:05	02/01/22 15:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2640		25.2		mg/Kg			01/30/22 17:29	5

Client Sample ID: V2 @ 0'

Lab Sample ID: 880-10650-7

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/27/22 16:00	01/28/22 15:34	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V2 @ 0'

Lab Sample ID: 880-10650-7

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	77		70 - 130	01/27/22 16:00	01/28/22 15:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 12:49	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		01/31/22 11:05	02/01/22 16:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 16:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/31/22 11:05	02/01/22 16:14	1
o-Terphenyl	74		70 - 130				01/31/22 11:05	02/01/22 16:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2320		24.9		mg/Kg			01/30/22 17:36	5

Client Sample ID: V2 @ 1'

Lab Sample ID: 880-10650-8

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/27/22 16:00	01/28/22 15:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/22 16:00	01/28/22 15:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/22 16:00	01/28/22 15:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/27/22 16:00	01/28/22 15:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/27/22 16:00	01/28/22 15:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/27/22 16:00	01/28/22 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	01/27/22 16:00	01/28/22 15:55	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/27/22 16:00	01/28/22 15:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 12:49	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V2 @ 1'

Lab Sample ID: 880-10650-8

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/31/22 11:05	02/01/22 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 16:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/31/22 11:05	02/01/22 16:35	1
o-Terphenyl	90		70 - 130				01/31/22 11:05	02/01/22 16:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	321		4.99		mg/Kg			01/30/22 17:44	1

Client Sample ID: V3 @ 0'

Lab Sample ID: 880-10650-9

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 16:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/22 16:00	01/28/22 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 16:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/22 16:00	01/28/22 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				01/27/22 16:00	01/28/22 16:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/27/22 16:00	01/28/22 16:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 12:49	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	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 16:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/31/22 11:05	02/01/22 16:56	1
o-Terphenyl	74		70 - 130				01/31/22 11:05	02/01/22 16:56	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V3 @ 0'

Lab Sample ID: 880-10650-9

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7060		50.1		mg/Kg			01/30/22 17:52	10

Client Sample ID: V3 @ 2'-R

Lab Sample ID: 880-10650-10

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/27/22 16:00	01/28/22 16:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/27/22 16:00	01/28/22 16:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/27/22 16:00	01/28/22 16:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/27/22 16:00	01/28/22 16:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/27/22 16:00	01/28/22 16:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/27/22 16:00	01/28/22 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				01/27/22 16:00	01/28/22 16:37	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/27/22 16:00	01/28/22 16:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 12:49	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		01/31/22 11:05	02/01/22 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 17:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				01/31/22 11:05	02/01/22 17:17	1
o-Terphenyl	98		70 - 130				01/31/22 11:05	02/01/22 17:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	446		4.95		mg/Kg			01/30/22 17:59	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V4@ 0'

Lab Sample ID: 880-10650-11

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 18:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 18:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 18:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 18:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 18:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/27/22 16:00	01/28/22 18:01	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/27/22 16:00	01/28/22 18:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 12:49	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	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	01/31/22 11:05	02/01/22 17:38	1
o-Terphenyl	92		70 - 130	01/31/22 11:05	02/01/22 17:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	669		4.95		mg/Kg			02/01/22 21:47	1

Client Sample ID: V4 @ 1'

Lab Sample ID: 880-10650-12

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

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		01/27/22 16:00	01/28/22 18:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/27/22 16:00	01/28/22 18:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/27/22 16:00	01/28/22 18:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/27/22 16:00	01/28/22 18:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/27/22 16:00	01/28/22 18:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/27/22 16:00	01/28/22 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/27/22 16:00	01/28/22 18:22	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V4 @ 1'

Lab Sample ID: 880-10650-12

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	01/27/22 16:00	01/28/22 18:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 12:49	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		01/31/22 11:05	02/01/22 17:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 17:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/31/22 11:05	02/01/22 17:59	1
o-Terphenyl	90		70 - 130				01/31/22 11:05	02/01/22 17:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.9		4.97		mg/Kg			02/01/22 21:53	1

Client Sample ID: NH1 @ 0'

Lab Sample ID: 880-10650-13

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 18:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 18:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 18:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 18:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 18:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/27/22 16:00	01/28/22 18:43	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/27/22 16:00	01/28/22 18:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 12:49	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: NH1 @ 0'

Lab Sample ID: 880-10650-13

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/31/22 11:05	02/01/22 18:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 18:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/31/22 11:05	02/01/22 18:20	1
o-Terphenyl	89		70 - 130				01/31/22 11:05	02/01/22 18:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.9		5.00		mg/Kg			02/01/22 21:59	1

Client Sample ID: NH1 @ 1'

Lab Sample ID: 880-10650-14

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/27/22 16:00	01/28/22 19:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/22 16:00	01/28/22 19:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/22 16:00	01/28/22 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				01/27/22 16:00	01/28/22 19:04	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/27/22 16:00	01/28/22 19:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 12:49	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		01/31/22 11:05	02/01/22 18:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 18:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 11:05	02/01/22 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/31/22 11:05	02/01/22 18:41	1
o-Terphenyl	79		70 - 130				01/31/22 11:05	02/01/22 18:41	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: NH1 @ 1'

Lab Sample ID: 880-10650-14

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.5		4.99		mg/Kg			02/01/22 22:18	1

Client Sample ID: SH1 @ 0'

Lab Sample ID: 880-10650-15

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 19:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/27/22 16:00	01/28/22 19:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/27/22 16:00	01/28/22 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/27/22 16:00	01/28/22 19:24	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/27/22 16:00	01/28/22 19:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/02/22 16:07	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	<49.8	U	49.8		mg/Kg		02/01/22 13:25	02/02/22 02:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/01/22 13:25	02/02/22 02:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/01/22 13:25	02/02/22 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/01/22 13:25	02/02/22 02:28	1
o-Terphenyl	77		70 - 130				02/01/22 13:25	02/02/22 02:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.1		4.97		mg/Kg			02/01/22 22:24	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: SH1 @ 1'

Lab Sample ID: 880-10650-16

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/27/22 16:00	01/28/22 19:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/27/22 16:00	01/28/22 19:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 19:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/27/22 16:00	01/28/22 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/27/22 16:00	01/28/22 19:45	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/27/22 16:00	01/28/22 19:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	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		02/01/22 13:25	02/02/22 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 13:25	02/02/22 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 13:25	02/02/22 02:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	02/01/22 13:25	02/02/22 02:50	1
o-Terphenyl	82		70 - 130	02/01/22 13:25	02/02/22 02:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/01/22 22:30	1

Client Sample ID: EH1 @ 0'

Lab Sample ID: 880-10650-17

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 20:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 20:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/27/22 16:00	01/28/22 20:06	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: EH1 @ 0'

Lab Sample ID: 880-10650-17

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	01/27/22 16:00	01/28/22 20:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	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	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/02/22 03:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/02/22 03:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/02/22 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/01/22 13:25	02/02/22 03:11	1
o-Terphenyl	89		70 - 130				02/01/22 13:25	02/02/22 03:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		5.04		mg/Kg			02/01/22 22:36	1

Client Sample ID: EH1 @ 1'

Lab Sample ID: 880-10650-18

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/27/22 16:00	01/28/22 20:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 20:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/27/22 16:00	01/28/22 20:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/27/22 16:00	01/28/22 20:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: EH1 @ 1'

Lab Sample ID: 880-10650-18

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	<49.9	U	49.9		mg/Kg		02/01/22 13:25	02/02/22 03:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 13:25	02/02/22 03:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 13:25	02/02/22 03:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				02/01/22 13:25	02/02/22 03:33	1
o-Terphenyl	76		70 - 130				02/01/22 13:25	02/02/22 03:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.2		4.98		mg/Kg			02/01/22 22:42	1

Client Sample ID: EH2 @ 0'

Lab Sample ID: 880-10650-19

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/27/22 16:00	01/28/22 20:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 20:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/27/22 16:00	01/28/22 20:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/27/22 16:00	01/28/22 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/27/22 16:00	01/28/22 20:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/27/22 16:00	01/28/22 20:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	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	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/02/22 03:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/02/22 03:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/02/22 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/01/22 13:25	02/02/22 03:55	1
o-Terphenyl	79		70 - 130				02/01/22 13:25	02/02/22 03:55	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: EH2 @ 0'

Lab Sample ID: 880-10650-19

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.0		4.95		mg/Kg			02/01/22 22:49	1

Client Sample ID: EH2 @ 1'

Lab Sample ID: 880-10650-20

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/27/22 16:00	01/28/22 21:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/22 16:00	01/28/22 21:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/22 16:00	01/28/22 21:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/27/22 16:00	01/28/22 21:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/27/22 16:00	01/28/22 21:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/27/22 16:00	01/28/22 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/27/22 16:00	01/28/22 21:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/27/22 16:00	01/28/22 21:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/22 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	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		02/01/22 13:25	02/02/22 04:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 13:25	02/02/22 04:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 13:25	02/02/22 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/01/22 13:25	02/02/22 04:17	1
o-Terphenyl	83		70 - 130				02/01/22 13:25	02/02/22 04:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	345		5.01		mg/Kg			02/01/22 23:07	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: EH3 @ 0'

Lab Sample ID: 880-10650-21

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		01/28/22 07:30	01/29/22 09:35	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		01/28/22 07:30	01/29/22 09:35	1
Ethylbenzene	0.00285	F1	0.00198		mg/Kg		01/28/22 07:30	01/29/22 09:35	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396		mg/Kg		01/28/22 07:30	01/29/22 09:35	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		01/28/22 07:30	01/29/22 09:35	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		01/28/22 07:30	01/29/22 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/28/22 07:30	01/29/22 09:35	1
1,4-Difluorobenzene (Surr)	83		70 - 130	01/28/22 07:30	01/29/22 09:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	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 F2	49.9		mg/Kg		01/31/22 12:03	02/01/22 20:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 20:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130	01/31/22 12:03	02/01/22 20:13	1
o-Terphenyl	73		70 - 130	01/31/22 12:03	02/01/22 20:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.8		4.97		mg/Kg			02/01/22 23:13	1

Client Sample ID: EH3 @ 1'

Lab Sample ID: 880-10650-22

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00303		0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:55	1
Toluene	0.00434		0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:55	1
Ethylbenzene	0.0205		0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:55	1
m-Xylene & p-Xylene	0.00829		0.00400		mg/Kg		01/28/22 07:30	01/29/22 09:55	1
o-Xylene	0.00528		0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:55	1
Xylenes, Total	0.0136		0.00400		mg/Kg		01/28/22 07:30	01/29/22 09:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	01/28/22 07:30	01/29/22 09:55	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: EH3 @ 1'

Lab Sample ID: 880-10650-22

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	111		70 - 130	01/28/22 07:30	01/29/22 09:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0414		0.00400		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	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	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 21:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 21:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130				01/31/22 12:03	02/01/22 21:19	1
o-Terphenyl	75		70 - 130				01/31/22 12:03	02/01/22 21:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.1		4.99		mg/Kg			02/01/22 23:32	1

Client Sample ID: WH1 @ 0'

Lab Sample ID: 880-10650-23

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0128		0.00200		mg/Kg		01/28/22 07:30	01/29/22 10:16	1
Toluene	0.0143		0.00200		mg/Kg		01/28/22 07:30	01/29/22 10:16	1
Ethylbenzene	0.0204		0.00200		mg/Kg		01/28/22 07:30	01/29/22 10:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/28/22 07:30	01/29/22 10:16	1
o-Xylene	0.0370		0.00200		mg/Kg		01/28/22 07:30	01/29/22 10:16	1
Xylenes, Total	0.0370		0.00399		mg/Kg		01/28/22 07:30	01/29/22 10:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130	01/28/22 07:30	01/29/22 10:16	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/28/22 07:30	01/29/22 10:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0845		0.00399		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: WH1 @ 0'

Lab Sample ID: 880-10650-23

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/31/22 12:03	02/01/22 21:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 21:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 21:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130				01/31/22 12:03	02/01/22 21:40	1
o-Terphenyl	65	S1-	70 - 130				01/31/22 12:03	02/01/22 21:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.7		5.04		mg/Kg			02/01/22 23:38	1

Client Sample ID: WH1 @ 1'

Lab Sample ID: 880-10650-24

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

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		01/28/22 07:30	01/29/22 10:36	1
Toluene	0.00280		0.00202		mg/Kg		01/28/22 07:30	01/29/22 10:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/28/22 07:30	01/29/22 10:36	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/28/22 07:30	01/29/22 10:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/28/22 07:30	01/29/22 10:36	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/28/22 07:30	01/29/22 10:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/28/22 07:30	01/29/22 10:36	1
1,4-Difluorobenzene (Surr)	75		70 - 130				01/28/22 07:30	01/29/22 10:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	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	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 22:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 22:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130				01/31/22 12:03	02/01/22 22:02	1
o-Terphenyl	71		70 - 130				01/31/22 12:03	02/01/22 22:02	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: WH1 @ 1'

Lab Sample ID: 880-10650-24

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.5		4.98		mg/Kg			02/01/22 23:44	1

Client Sample ID: WH2 @ 0'

Lab Sample ID: 880-10650-25

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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		01/28/22 07:30	01/29/22 10:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 10:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 10:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/28/22 07:30	01/29/22 10:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 10:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/28/22 07:30	01/29/22 10:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				01/28/22 07:30	01/29/22 10:56	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/28/22 07:30	01/29/22 10:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	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	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 22:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 22:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 22:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130				01/31/22 12:03	02/01/22 22:24	1
o-Terphenyl	69	S1-	70 - 130				01/31/22 12:03	02/01/22 22:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.9		4.97		mg/Kg			02/01/22 23:50	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: WH2 @ 1'

Lab Sample ID: 880-10650-26

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/28/22 07:30	01/29/22 11:17	1
Toluene	0.00638		0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:17	1
Ethylbenzene	0.0300		0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:17	1
m-Xylene & p-Xylene	0.0167		0.00401		mg/Kg		01/28/22 07:30	01/29/22 11:17	1
o-Xylene	0.00787		0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:17	1
Xylenes, Total	0.0246		0.00401		mg/Kg		01/28/22 07:30	01/29/22 11:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	204	S1+	70 - 130	01/28/22 07:30	01/29/22 11:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/28/22 07:30	01/29/22 11:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0610		0.00401		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	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		01/31/22 12:03	02/01/22 22:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 22:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	53	S1-	70 - 130	01/31/22 12:03	02/01/22 22:46	1
o-Terphenyl	63	S1-	70 - 130	01/31/22 12:03	02/01/22 22:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.8		4.97		mg/Kg			02/01/22 23:57	1

Client Sample ID: WH3 @ 0'

Lab Sample ID: 880-10650-27

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0713		0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:37	1
Toluene	0.0291		0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:37	1
Ethylbenzene	0.0109		0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:37	1
m-Xylene & p-Xylene	0.0386		0.00401		mg/Kg		01/28/22 07:30	01/29/22 11:37	1
o-Xylene	0.0410		0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:37	1
Xylenes, Total	0.0796		0.00401		mg/Kg		01/28/22 07:30	01/29/22 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	48	S1-	70 - 130	01/28/22 07:30	01/29/22 11:37	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: WH3 @ 0'

Lab Sample ID: 880-10650-27

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Sample Depth: 0'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	01/28/22 07:30	01/29/22 11:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.191		0.00401		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/02/22 16:07	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	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 23:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 23:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	53	S1-	70 - 130				01/31/22 12:03	02/01/22 23:09	1
o-Terphenyl	64	S1-	70 - 130				01/31/22 12:03	02/01/22 23:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/02/22 00:03	1

Client Sample ID: WH3 @ 1'

Lab Sample ID: 880-10650-28

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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		01/28/22 07:30	01/29/22 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/28/22 07:30	01/29/22 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/28/22 07:30	01/29/22 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/28/22 07:30	01/29/22 11:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/28/22 07:30	01/29/22 11:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/02/22 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/02/22 16:07	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: WH3 @ 1'

Lab Sample ID: 880-10650-28

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 23:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 23:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/31/22 12:03	02/01/22 23:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				01/31/22 12:03	02/01/22 23:31	1
o-Terphenyl	77		70 - 130				01/31/22 12:03	02/01/22 23:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			02/02/22 00:09	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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)
880-10650-1	OS1 @ 0'	72	72
880-10650-1 MS	OS1 @ 0'	98	103
880-10650-1 MSD	OS1 @ 0'	104	95
880-10650-2	OS1 @ 1'	106	107
880-10650-3	OS2 @ 0'	84	90
880-10650-4	OS2 @ 1'	124	74
880-10650-5	V1 @ 0'	213 S1+	73
880-10650-6	V1 @ 4'	140 S1+	100
880-10650-7	V2 @ 0'	87	77
880-10650-8	V2 @ 1'	156 S1+	92
880-10650-9	V3 @ 0'	100	105
880-10650-10	V3 @ 2'-R	79	83
880-10650-11	V4 @ 0'	109	86
880-10650-12	V4 @ 1'	98	91
880-10650-13	NH1 @ 0'	92	95
880-10650-14	NH1 @ 1'	132 S1+	100
880-10650-15	SH1 @ 0'	97	108
880-10650-16	SH1 @ 1'	104	92
880-10650-17	EH1 @ 0'	97	89
880-10650-18	EH1 @ 1'	95	102
880-10650-19	EH2 @ 0'	95	97
880-10650-20	EH2 @ 1'	96	101
880-10650-21	EH3 @ 0'	96	83
880-10650-21 MS	EH3 @ 0'	127	101
880-10650-21 MSD	EH3 @ 0'	136 S1+	111
880-10650-22	EH3 @ 1'	133 S1+	111
880-10650-23	WH1 @ 0'	152 S1+	94
880-10650-24	WH1 @ 1'	88	75
880-10650-25	WH2 @ 0'	101	104
880-10650-26	WH2 @ 1'	204 S1+	96
880-10650-27	WH3 @ 0'	48 S1-	98
880-10650-28	WH3 @ 1'	102	98
880-10694-A-51-B MS	Matrix Spike	129	112
880-10694-A-51-C MSD	Matrix Spike Duplicate	121	98
880-10720-A-1-E MS	Matrix Spike	102	103
880-10720-A-1-F MSD	Matrix Spike Duplicate	96	97
LCS 880-17780/1-A	Lab Control Sample	100	96
LCS 880-17879/1-A	Lab Control Sample	86	95
LCS 880-18098/1-A	Lab Control Sample	102	101
LCS 880-18099/1-A	Lab Control Sample	119	101
LCSD 880-17879/2-A	Lab Control Sample Dup	83	88
LCSD 880-18098/2-A	Lab Control Sample Dup	98	99
LCSD 880-18099/2-A	Lab Control Sample Dup	120	98
MB 880-17780/5-A	Method Blank	100	89
MB 880-17879/5-A	Method Blank	116	102
MB 880-17924/5-A	Method Blank	106	104
MB 880-18098/5-A	Method Blank	98	95
MB 880-18099/5-A	Method Blank	128	106

Surrogate Legend

Eurofins Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions

Job ID: 880-10650-1

Project/Site: Speedy Booster

SDG: Rural Eddy Co, NM

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 880-17780/2-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)
880-10650-1	OS1 @ 0'	84	76
880-10650-1 MS	OS1 @ 0'	75	74
880-10650-1 MSD	OS1 @ 0'	74	68 S1-
880-10650-2	OS1 @ 1'	99	87
880-10650-3	OS2 @ 0'	73	70
880-10650-4	OS2 @ 1'	74	68 S1-
880-10650-5	V1 @ 0'	161 S1+	78
880-10650-6	V1 @ 4'	76	73
880-10650-7	V2 @ 0'	78	74
880-10650-8	V2 @ 1'	97	90
880-10650-9	V3 @ 0'	76	74
880-10650-10	V3 @ 2'-R	101	98
880-10650-11	V4 @ 0'	94	92
880-10650-12	V4 @ 1'	91	90
880-10650-13	NH1 @ 0'	92	89
880-10650-14	NH1 @ 1'	82	79
880-10650-15	SH1 @ 0'	70	77
880-10650-16	SH1 @ 1'	71	82
880-10650-17	EH1 @ 0'	78	89
880-10650-18	EH1 @ 1'	68 S1-	76
880-10650-19	EH2 @ 0'	69 S1-	79
880-10650-20	EH2 @ 1'	70	83
880-10650-21	EH3 @ 0'	60 S1-	73
880-10650-21 MS	EH3 @ 0'	57 S1-	62 S1-
880-10650-21 MSD	EH3 @ 0'	63 S1-	69 S1-
880-10650-22	EH3 @ 1'	61 S1-	75
880-10650-23	WH1 @ 0'	57 S1-	65 S1-
880-10650-24	WH1 @ 1'	60 S1-	71
880-10650-25	WH2 @ 0'	57 S1-	69 S1-
880-10650-26	WH2 @ 1'	53 S1-	63 S1-
880-10650-27	WH3 @ 0'	53 S1-	64 S1-
880-10650-28	WH3 @ 1'	64 S1-	77
880-10734-A-1-F MS	Matrix Spike	63 S1-	64 S1-
880-10734-A-1-G MSD	Matrix Spike Duplicate	64 S1-	65 S1-
LCS 880-18150/2-A	Lab Control Sample	73	83
LCS 880-18288/2-A	Lab Control Sample	88	93

Eurofins Midland

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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)
LCSD 880-18150/3-A	Lab Control Sample Dup	74	82
LCSD 880-18288/3-A	Lab Control Sample Dup	86	90
MB 880-18150/1-A	Method Blank	75	96
MB 880-18288/1-A	Method Blank	81	94
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-18142/2-A	Lab Control Sample	71	67 S1-
LCSD 880-18142/3-A	Lab Control Sample Dup	76	73
MB 880-18142/1-A	Method Blank	88	86
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17780/5-A

Matrix: Solid

Analysis Batch: 17974

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/28/22 07:30	01/29/22 09:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/29/22 09:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/28/22 07:30	01/29/22 09:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/28/22 07:30	01/29/22 09:13	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/28/22 07:30	01/29/22 09:13	1

Lab Sample ID: LCS 880-17780/1-A

Matrix: Solid

Analysis Batch: 17974

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08241		mg/Kg		82	70 - 130
Toluene	0.100	0.07814		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.07885		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1592		mg/Kg		80	70 - 130
o-Xylene	0.100	0.07992		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-17780/2-A

Matrix: Solid

Analysis Batch: 17974

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17780

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08258		mg/Kg					
Toluene	0.100	0.07681		mg/Kg					
Ethylbenzene	0.100	0.07922		mg/Kg					
m-Xylene & p-Xylene	0.200	0.1589		mg/Kg					
o-Xylene	0.100	0.08096		mg/Kg					

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 880-10650-21 MS

Matrix: Solid

Analysis Batch: 17974

Client Sample ID: EH3 @ 0'

Prep Type: Total/NA

Prep Batch: 17780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1	0.0994	0.02272	F1	mg/Kg		21	70 - 130
Toluene	<0.00198	U F1	0.0994	0.04247	F1	mg/Kg		43	70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: 880-10650-21 MS

Matrix: Solid

Analysis Batch: 17974

Client Sample ID: EH3 @ 0'

Prep Type: Total/NA

Prep Batch: 17780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.00285	F1	0.0994	0.03298	F1	mg/Kg		30	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1	0.199	0.09046	F1	mg/Kg		46	70 - 130
o-Xylene	<0.00198	U F1	0.0994	0.05351	F1	mg/Kg		54	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-10650-21 MSD

Matrix: Solid

Analysis Batch: 17974

Client Sample ID: EH3 @ 0'

Prep Type: Total/NA

Prep Batch: 17780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.101	0.03187	F1	mg/Kg		30	70 - 130	34	35
Toluene	<0.00198	U F1	0.101	0.03177	F1	mg/Kg		31	70 - 130	29	35
Ethylbenzene	0.00285	F1	0.101	0.03048	F1	mg/Kg		27	70 - 130	8	35
m-Xylene & p-Xylene	<0.00396	U F1	0.202	0.08105	F1	mg/Kg		40	70 - 130	11	35
o-Xylene	<0.00198	U F1	0.101	0.04490	F1	mg/Kg		44	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-17879/5-A

Matrix: Solid

Analysis Batch: 18020

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 13:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 13:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 13:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/27/22 16:00	01/28/22 13:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/22 16:00	01/28/22 13:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/22 16:00	01/28/22 13:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/27/22 16:00	01/28/22 13:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/27/22 16:00	01/28/22 13:07	1

Lab Sample ID: LCS 880-17879/1-A

Matrix: Solid

Analysis Batch: 18020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09452		mg/Kg		95	70 - 130
Toluene	0.100	0.08200		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.07464		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	0.200	0.1484		mg/Kg		74	70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: LCS 880-17879/1-A

Matrix: Solid

Analysis Batch: 18020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.07751		mg/Kg		78	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-17879/2-A

Matrix: Solid

Analysis Batch: 18020

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17879

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07955		mg/Kg		80	70 - 130	17	35
Toluene	0.100	0.07566		mg/Kg		76	70 - 130	8	35
Ethylbenzene	0.100	0.07017		mg/Kg		70	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1428		mg/Kg		71	70 - 130	4	35
o-Xylene	0.100	0.07225		mg/Kg		72	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 880-10650-1 MS

Matrix: Solid

Analysis Batch: 18020

Client Sample ID: OS1 @ 0'

Prep Type: Total/NA

Prep Batch: 17879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.100	0.08630		mg/Kg		86	70 - 130
Toluene	<0.00199	U	0.100	0.07252		mg/Kg		72	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.07616		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1416		mg/Kg		71	70 - 130
o-Xylene	<0.00199	U	0.100	0.07089		mg/Kg		71	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-10650-1 MSD

Matrix: Solid

Analysis Batch: 18020

Client Sample ID: OS1 @ 0'

Prep Type: Total/NA

Prep Batch: 17879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.08307		mg/Kg		83	70 - 130	4	35
Toluene	<0.00199	U	0.0996	0.09283		mg/Kg		93	70 - 130	25	35
Ethylbenzene	<0.00199	U	0.0996	0.08007		mg/Kg		80	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1717		mg/Kg		86	70 - 130	19	35
o-Xylene	<0.00199	U	0.0996	0.07805		mg/Kg		78	70 - 130	10	35

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QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: 880-10650-1 MSD

Matrix: Solid

Analysis Batch: 18020

Client Sample ID: OS1 @ 0'

Prep Type: Total/NA

Prep Batch: 17879

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-17924/5-A

Matrix: Solid

Analysis Batch: 17974

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17924

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/28/22 22:18	1	
Toluene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/28/22 22:18	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/28/22 22:18	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/28/22 07:30	01/28/22 22:18	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/28/22 07:30	01/28/22 22:18	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/28/22 07:30	01/28/22 22:18	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	106		70 - 130				01/28/22 07:30	01/28/22 22:18	1	
1,4-Difluorobenzene (Surr)	104		70 - 130				01/28/22 07:30	01/28/22 22:18	1	

Lab Sample ID: MB 880-18098/5-A

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18098

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:24	01/31/22 10:43	1	
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:24	01/31/22 10:43	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:24	01/31/22 10:43	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/22 07:24	01/31/22 10:43	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:24	01/31/22 10:43	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 07:24	01/31/22 10:43	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	98		70 - 130				01/31/22 07:24	01/31/22 10:43	1	
1,4-Difluorobenzene (Surr)	95		70 - 130				01/31/22 07:24	01/31/22 10:43	1	

Lab Sample ID: LCS 880-18098/1-A

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18098

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits		
Benzene	0.100	0.07904		mg/Kg		79		70 - 130		
Toluene	0.100	0.07722		mg/Kg		77		70 - 130		
Ethylbenzene	0.100	0.07702		mg/Kg		77		70 - 130		
m-Xylene & p-Xylene	0.200	0.1584		mg/Kg		79		70 - 130		
o-Xylene	0.100	0.07663		mg/Kg		77		70 - 130		

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QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: LCS 880-18098/1-A

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18098

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-18098/2-A

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18098

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08134		mg/Kg		81	70 - 130	3	35
Toluene	0.100	0.07230		mg/Kg		72	70 - 130	7	35
Ethylbenzene	0.100	0.07478		mg/Kg		75	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1517		mg/Kg		76	70 - 130	4	35
o-Xylene	0.100	0.07439		mg/Kg		74	70 - 130	3	35

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

Lab Sample ID: 880-10720-A-1-E MS

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18098

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08526		mg/Kg		85	70 - 130		
Toluene	<0.00200	U	0.100	0.08078		mg/Kg		81	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08135		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1659		mg/Kg		83	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08128		mg/Kg		81	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-10720-A-1-F MSD

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18098

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	0.08653		mg/Kg		87	70 - 130	1	35
Toluene	<0.00200	U	0.0996	0.08058		mg/Kg		81	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0996	0.07884		mg/Kg		79	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1589		mg/Kg		80	70 - 130	4	35
o-Xylene	<0.00200	U	0.0996	0.07941		mg/Kg		80	70 - 130	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: MB 880-18099/5-A

Matrix: Solid

Analysis Batch: 18101

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 07:27	01/31/22 10:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	01/31/22 07:27	01/31/22 10:45	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/31/22 07:27	01/31/22 10:45	1

Lab Sample ID: LCS 880-18099/1-A

Matrix: Solid

Analysis Batch: 18101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18099

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1021		mg/Kg		102	70 - 130
Toluene	0.100	0.1028		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2093		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-18099/2-A

Matrix: Solid

Analysis Batch: 18101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18099

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09158		mg/Kg		92	70 - 130	11	35
Toluene	0.100	0.09843		mg/Kg		98	70 - 130	4	35
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1937		mg/Kg		97	70 - 130	8	35
o-Xylene	0.100	0.09376		mg/Kg		94	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-10694-A-51-B MS

Matrix: Solid

Analysis Batch: 18101

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0992	0.1027		mg/Kg		104	70 - 130
Toluene	<0.00199	U	0.0992	0.1031		mg/Kg		104	70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: 880-10694-A-51-B MS

Matrix: Solid

Analysis Batch: 18101

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00199	U	0.0992	0.1033		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1980		mg/Kg		100	70 - 130
o-Xylene	<0.00199	U	0.0992	0.1037		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-10694-A-51-C MSD

Matrix: Solid

Analysis Batch: 18101

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0992	0.09491		mg/Kg		96	70 - 130	8	35
Toluene	<0.00199	U	0.0992	0.09611		mg/Kg		97	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.0992	0.1006		mg/Kg		101	70 - 130	3	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1893		mg/Kg		95	70 - 130	4	35
o-Xylene	<0.00199	U	0.0992	0.09620		mg/Kg		97	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 880-18142/1-A

Matrix: Solid

Analysis Batch: 18228

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18142

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		01/31/22 11:05	02/01/22 09:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 09:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 11:05	02/01/22 09:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/31/22 11:05	02/01/22 09:44	1
o-Terphenyl	86		70 - 130	01/31/22 11:05	02/01/22 09:44	1

Lab Sample ID: LCS 880-18142/2-A

Matrix: Solid

Analysis Batch: 18228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18142

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1035		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	834.6		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: LCS 880-18142/2-A

Matrix: Solid

Analysis Batch: 18228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18142

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	67	S1-	70 - 130

Lab Sample ID: LCSD 880-18142/3-A

Matrix: Solid

Analysis Batch: 18228

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18142

	Spike	LCSD	LCSD						%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Gasoline Range Organics (GRO)-C6-C10	1000	1059		mg/Kg		106	70 - 130	2	20		
Diesel Range Organics (Over C10-C28)	1000	855.5		mg/Kg		86	70 - 130	2	20		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	73		70 - 130

Lab Sample ID: 880-10650-1 MS

Matrix: Solid

Analysis Batch: 18228

Client Sample ID: OS1 @ 0'

Prep Type: Total/NA

Prep Batch: 18142

	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	997	1023		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	929.5		mg/Kg		91	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	74		70 - 130

Lab Sample ID: 880-10650-1 MSD

Matrix: Solid

Analysis Batch: 18228

Client Sample ID: OS1 @ 0'

Prep Type: Total/NA

Prep Batch: 18142

	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	1112		mg/Kg		109	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	852.6		mg/Kg		83	70 - 130	9	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	74		70 - 130
o-Terphenyl	68	S1-	70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: MB 880-18150/1-A

Matrix: Solid

Analysis Batch: 18223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18150

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		01/31/22 12:03	02/01/22 19:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 19:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/31/22 12:03	02/01/22 19:10	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/31/22 12:03	02/01/22 19:10	1
o-Terphenyl	96		70 - 130				01/31/22 12:03	02/01/22 19:10	1

Lab Sample ID: LCS 880-18150/2-A

Matrix: Solid

Analysis Batch: 18223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	774.4		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	1000	919.4		mg/Kg		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	73		70 - 130				
o-Terphenyl	83		70 - 130				

Lab Sample ID: LCSD 880-18150/3-A

Matrix: Solid

Analysis Batch: 18223

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18150

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	802.4		mg/Kg		80	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	942.2		mg/Kg		94	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	74		70 - 130						
o-Terphenyl	82		70 - 130						

Lab Sample ID: 880-10650-21 MS

Matrix: Solid

Analysis Batch: 18223

Client Sample ID: EH3 @ 0'

Prep Type: Total/NA

Prep Batch: 18150

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 F2	999	796.0		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	875.1		mg/Kg		86	70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: 880-10650-21 MS

Matrix: Solid

Analysis Batch: 18223

Client Sample ID: EH3 @ 0'

Prep Type: Total/NA

Prep Batch: 18150

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	57	S1-	70 - 130
o-Terphenyl	62	S1-	70 - 130

Lab Sample ID: 880-10650-21 MSD

Matrix: Solid

Analysis Batch: 18223

Client Sample ID: EH3 @ 0'

Prep Type: Total/NA

Prep Batch: 18150

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 F2	999	1038	F2	mg/Kg		99	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	975.4		mg/Kg		96	70 - 130	11	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	63	S1-	70 - 130
o-Terphenyl	69	S1-	70 - 130

Lab Sample ID: MB 880-18288/1-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18288

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		02/01/22 13:25	02/01/22 19:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/01/22 19:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 13:25	02/01/22 19:10	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	81		70 - 130	02/01/22 13:25	02/01/22 19:10	1			
o-Terphenyl	94		70 - 130	02/01/22 13:25	02/01/22 19:10	1			

Lab Sample ID: LCS 880-18288/2-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	837.8		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1109		mg/Kg		111	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	93		70 - 130

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

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

Lab Sample ID: LCSD 880-18288/3-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18288

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	859.7		mg/Kg		86	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1079		mg/Kg		108	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	90		70 - 130						

Lab Sample ID: 880-10734-A-1-F MS

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	812.0		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	934.4		mg/Kg		92	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	63	S1-	70 - 130								
o-Terphenyl	64	S1-	70 - 130								

Lab Sample ID: 880-10734-A-1-G MSD

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18288

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	999	777.8		mg/Kg		75	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	956.3		mg/Kg		94	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	64	S1-	70 - 130								
o-Terphenyl	65	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17962/1-A

Matrix: Solid

Analysis Batch: 18076

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			01/30/22 15:57	1

Eurofins Midland

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-17962/2-A

Matrix: Solid

Analysis Batch: 18076

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	271.8		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-17962/3-A

Matrix: Solid

Analysis Batch: 18076

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	270.5		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-10650-1 MS

Matrix: Solid

Analysis Batch: 18076

Client Sample ID: OS1 @ 0'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	8.80	F1	248	372.8	F1	mg/Kg		147	90 - 110

Lab Sample ID: 880-10650-1 MSD

Matrix: Solid

Analysis Batch: 18076

Client Sample ID: OS1 @ 0'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	8.80	F1	248	360.1	F1	mg/Kg		142	90 - 110	3	20

Lab Sample ID: MB 880-17963/1-A

Matrix: Solid

Analysis Batch: 18284

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			02/01/22 21:04	1

Lab Sample ID: LCS 880-17963/2-A

Matrix: Solid

Analysis Batch: 18284

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	227.1		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-17963/3-A

Matrix: Solid

Analysis Batch: 18284

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	259.9		mg/Kg		104	90 - 110	13	20

Lab Sample ID: 880-10650-19 MS

Matrix: Solid

Analysis Batch: 18284

Client Sample ID: EH2 @ 0'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	80.0		248	342.3		mg/Kg		106	90 - 110

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QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10650-19 MSD					Client Sample ID: EH2 @ 0'							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 18284												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Chloride	80.0		248	313.7		mg/Kg		94	90 - 110	9	20	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

GC VOA

Prep Batch: 17780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-21	EH3 @ 0'	Total/NA	Solid	5035	
880-10650-22	EH3 @ 1'	Total/NA	Solid	5035	
880-10650-23	WH1 @ 0'	Total/NA	Solid	5035	
880-10650-24	WH1 @ 1'	Total/NA	Solid	5035	
880-10650-25	WH2 @ 0'	Total/NA	Solid	5035	
880-10650-26	WH2 @ 1'	Total/NA	Solid	5035	
880-10650-27	WH3 @ 0'	Total/NA	Solid	5035	
880-10650-28	WH3 @ 1'	Total/NA	Solid	5035	
MB 880-17780/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17780/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17780/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10650-21 MS	EH3 @ 0'	Total/NA	Solid	5035	
880-10650-21 MSD	EH3 @ 0'	Total/NA	Solid	5035	

Prep Batch: 17879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Total/NA	Solid	5035	
880-10650-2	OS1 @ 1'	Total/NA	Solid	5035	
880-10650-3	OS2 @ 0'	Total/NA	Solid	5035	
880-10650-4	OS2 @ 1'	Total/NA	Solid	5035	
880-10650-7	V2 @ 0'	Total/NA	Solid	5035	
880-10650-8	V2 @ 1'	Total/NA	Solid	5035	
880-10650-9	V3 @ 0'	Total/NA	Solid	5035	
880-10650-10	V3 @ 2'-R	Total/NA	Solid	5035	
880-10650-11	V4 @ 0'	Total/NA	Solid	5035	
880-10650-12	V4 @ 1'	Total/NA	Solid	5035	
880-10650-13	NH1 @ 0'	Total/NA	Solid	5035	
880-10650-14	NH1 @ 1'	Total/NA	Solid	5035	
880-10650-15	SH1 @ 0'	Total/NA	Solid	5035	
880-10650-16	SH1 @ 1'	Total/NA	Solid	5035	
880-10650-17	EH1 @ 0'	Total/NA	Solid	5035	
880-10650-18	EH1 @ 1'	Total/NA	Solid	5035	
880-10650-19	EH2 @ 0'	Total/NA	Solid	5035	
880-10650-20	EH2 @ 1'	Total/NA	Solid	5035	
MB 880-17879/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17879/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17879/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10650-1 MS	OS1 @ 0'	Total/NA	Solid	5035	
880-10650-1 MSD	OS1 @ 0'	Total/NA	Solid	5035	

Prep Batch: 17924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17924/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 17974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-21	EH3 @ 0'	Total/NA	Solid	8021B	17780
880-10650-22	EH3 @ 1'	Total/NA	Solid	8021B	17780
880-10650-23	WH1 @ 0'	Total/NA	Solid	8021B	17780
880-10650-24	WH1 @ 1'	Total/NA	Solid	8021B	17780
880-10650-25	WH2 @ 0'	Total/NA	Solid	8021B	17780

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QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 17974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-26	WH2 @ 1'	Total/NA	Solid	8021B	17780
880-10650-27	WH3 @ 0'	Total/NA	Solid	8021B	17780
880-10650-28	WH3 @ 1'	Total/NA	Solid	8021B	17780
MB 880-17780/5-A	Method Blank	Total/NA	Solid	8021B	17780
MB 880-17924/5-A	Method Blank	Total/NA	Solid	8021B	17924
LCS 880-17780/1-A	Lab Control Sample	Total/NA	Solid	8021B	17780
LCSD 880-17780/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17780
880-10650-21 MS	EH3 @ 0'	Total/NA	Solid	8021B	17780
880-10650-21 MSD	EH3 @ 0'	Total/NA	Solid	8021B	17780

Analysis Batch: 18020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Total/NA	Solid	8021B	17879
880-10650-2	OS1 @ 1'	Total/NA	Solid	8021B	17879
880-10650-3	OS2 @ 0'	Total/NA	Solid	8021B	17879
880-10650-4	OS2 @ 1'	Total/NA	Solid	8021B	17879
880-10650-7	V2 @ 0'	Total/NA	Solid	8021B	17879
880-10650-8	V2 @ 1'	Total/NA	Solid	8021B	17879
880-10650-9	V3 @ 0'	Total/NA	Solid	8021B	17879
880-10650-10	V3 @ 2'-R	Total/NA	Solid	8021B	17879
880-10650-11	V4 @ 0'	Total/NA	Solid	8021B	17879
880-10650-12	V4 @ 1'	Total/NA	Solid	8021B	17879
880-10650-13	NH1 @ 0'	Total/NA	Solid	8021B	17879
880-10650-14	NH1 @ 1'	Total/NA	Solid	8021B	17879
880-10650-15	SH1 @ 0'	Total/NA	Solid	8021B	17879
880-10650-16	SH1 @ 1'	Total/NA	Solid	8021B	17879
880-10650-17	EH1 @ 0'	Total/NA	Solid	8021B	17879
880-10650-18	EH1 @ 1'	Total/NA	Solid	8021B	17879
880-10650-19	EH2 @ 0'	Total/NA	Solid	8021B	17879
880-10650-20	EH2 @ 1'	Total/NA	Solid	8021B	17879
MB 880-17879/5-A	Method Blank	Total/NA	Solid	8021B	17879
LCS 880-17879/1-A	Lab Control Sample	Total/NA	Solid	8021B	17879
LCSD 880-17879/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17879
880-10650-1 MS	OS1 @ 0'	Total/NA	Solid	8021B	17879
880-10650-1 MSD	OS1 @ 0'	Total/NA	Solid	8021B	17879

Prep Batch: 18098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-5	V1 @ 0'	Total/NA	Solid	5035	
MB 880-18098/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18098/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18098/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10720-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-10720-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 18099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-6	V1 @ 4'	Total/NA	Solid	5035	
MB 880-18099/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18099/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18099/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

GC VOA (Continued)

Prep Batch: 18099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10694-A-51-B MS	Matrix Spike	Total/NA	Solid	5035	
880-10694-A-51-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 18100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-5	V1 @ 0'	Total/NA	Solid	8021B	18098
MB 880-18098/5-A	Method Blank	Total/NA	Solid	8021B	18098
LCS 880-18098/1-A	Lab Control Sample	Total/NA	Solid	8021B	18098
LCSD 880-18098/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18098
880-10720-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	18098
880-10720-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18098

Analysis Batch: 18101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-6	V1 @ 4'	Total/NA	Solid	8021B	18099
MB 880-18099/5-A	Method Blank	Total/NA	Solid	8021B	18099
LCS 880-18099/1-A	Lab Control Sample	Total/NA	Solid	8021B	18099
LCSD 880-18099/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18099
880-10694-A-51-B MS	Matrix Spike	Total/NA	Solid	8021B	18099
880-10694-A-51-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18099

Analysis Batch: 18165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-2	OS1 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-3	OS2 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-4	OS2 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-7	V2 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-8	V2 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-9	V3 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-10	V3 @ 2'-R	Total/NA	Solid	Total BTEX	
880-10650-11	V4 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-12	V4 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-13	NH1 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-14	NH1 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-15	SH1 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-16	SH1 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-17	EH1 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-18	EH1 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-19	EH2 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-20	EH2 @ 1'	Total/NA	Solid	Total BTEX	

Analysis Batch: 18428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-5	V1 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-6	V1 @ 4'	Total/NA	Solid	Total BTEX	
880-10650-21	EH3 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-22	EH3 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-23	WH1 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-24	WH1 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-25	WH2 @ 0'	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 18428 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-26	WH2 @ 1'	Total/NA	Solid	Total BTEX	
880-10650-27	WH3 @ 0'	Total/NA	Solid	Total BTEX	
880-10650-28	WH3 @ 1'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 18142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-2	OS1 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-3	OS2 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-4	OS2 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-5	V1 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-6	V1 @ 4'	Total/NA	Solid	8015NM Prep	
880-10650-7	V2 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-8	V2 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-9	V3 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-10	V3 @ 2'-R	Total/NA	Solid	8015NM Prep	
880-10650-11	V4 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-12	V4 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-13	NH1 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-14	NH1 @ 1'	Total/NA	Solid	8015NM Prep	
MB 880-18142/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18142/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18142/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10650-1 MS	OS1 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-1 MSD	OS1 @ 0'	Total/NA	Solid	8015NM Prep	

Prep Batch: 18150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-21	EH3 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-22	EH3 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-23	WH1 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-24	WH1 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-25	WH2 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-26	WH2 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-27	WH3 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-28	WH3 @ 1'	Total/NA	Solid	8015NM Prep	
MB 880-18150/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18150/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18150/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10650-21 MS	EH3 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-21 MSD	EH3 @ 0'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-21	EH3 @ 0'	Total/NA	Solid	8015B NM	18150
880-10650-22	EH3 @ 1'	Total/NA	Solid	8015B NM	18150
880-10650-23	WH1 @ 0'	Total/NA	Solid	8015B NM	18150
880-10650-24	WH1 @ 1'	Total/NA	Solid	8015B NM	18150
880-10650-25	WH2 @ 0'	Total/NA	Solid	8015B NM	18150

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QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 18223 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-26	WH2 @ 1'	Total/NA	Solid	8015B NM	18150
880-10650-27	WH3 @ 0'	Total/NA	Solid	8015B NM	18150
880-10650-28	WH3 @ 1'	Total/NA	Solid	8015B NM	18150
MB 880-18150/1-A	Method Blank	Total/NA	Solid	8015B NM	18150
LCS 880-18150/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18150
LCSD 880-18150/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18150
880-10650-21 MS	EH3 @ 0'	Total/NA	Solid	8015B NM	18150
880-10650-21 MSD	EH3 @ 0'	Total/NA	Solid	8015B NM	18150

Analysis Batch: 18225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-15	SH1 @ 0'	Total/NA	Solid	8015B NM	18288
880-10650-16	SH1 @ 1'	Total/NA	Solid	8015B NM	18288
880-10650-17	EH1 @ 0'	Total/NA	Solid	8015B NM	18288
880-10650-18	EH1 @ 1'	Total/NA	Solid	8015B NM	18288
880-10650-19	EH2 @ 0'	Total/NA	Solid	8015B NM	18288
880-10650-20	EH2 @ 1'	Total/NA	Solid	8015B NM	18288
MB 880-18288/1-A	Method Blank	Total/NA	Solid	8015B NM	18288
LCS 880-18288/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18288
LCSD 880-18288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18288
880-10734-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	18288
880-10734-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18288

Analysis Batch: 18228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-2	OS1 @ 1'	Total/NA	Solid	8015B NM	18142
880-10650-3	OS2 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-4	OS2 @ 1'	Total/NA	Solid	8015B NM	18142
880-10650-5	V1 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-6	V1 @ 4'	Total/NA	Solid	8015B NM	18142
880-10650-7	V2 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-8	V2 @ 1'	Total/NA	Solid	8015B NM	18142
880-10650-9	V3 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-10	V3 @ 2'-R	Total/NA	Solid	8015B NM	18142
880-10650-11	V4 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-12	V4 @ 1'	Total/NA	Solid	8015B NM	18142
880-10650-13	NH1 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-14	NH1 @ 1'	Total/NA	Solid	8015B NM	18142
MB 880-18142/1-A	Method Blank	Total/NA	Solid	8015B NM	18142
LCS 880-18142/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18142
LCSD 880-18142/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18142
880-10650-1 MS	OS1 @ 0'	Total/NA	Solid	8015B NM	18142
880-10650-1 MSD	OS1 @ 0'	Total/NA	Solid	8015B NM	18142

Prep Batch: 18288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-15	SH1 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-16	SH1 @ 1'	Total/NA	Solid	8015NM Prep	
880-10650-17	EH1 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-18	EH1 @ 1'	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 18288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-19	EH2 @ 0'	Total/NA	Solid	8015NM Prep	
880-10650-20	EH2 @ 1'	Total/NA	Solid	8015NM Prep	
MB 880-18288/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18288/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10734-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10734-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Total/NA	Solid	8015 NM	
880-10650-5	V1 @ 0'	Total/NA	Solid	8015 NM	
880-10650-6	V1 @ 4'	Total/NA	Solid	8015 NM	
880-10650-7	V2 @ 0'	Total/NA	Solid	8015 NM	
880-10650-8	V2 @ 1'	Total/NA	Solid	8015 NM	
880-10650-9	V3 @ 0'	Total/NA	Solid	8015 NM	
880-10650-10	V3 @ 2'-R	Total/NA	Solid	8015 NM	
880-10650-11	V4 @ 0'	Total/NA	Solid	8015 NM	
880-10650-12	V4 @ 1'	Total/NA	Solid	8015 NM	
880-10650-13	NH1 @ 0'	Total/NA	Solid	8015 NM	
880-10650-14	NH1 @ 1'	Total/NA	Solid	8015 NM	

Analysis Batch: 18413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-2	OS1 @ 1'	Total/NA	Solid	8015 NM	
880-10650-3	OS2 @ 0'	Total/NA	Solid	8015 NM	
880-10650-4	OS2 @ 1'	Total/NA	Solid	8015 NM	
880-10650-15	SH1 @ 0'	Total/NA	Solid	8015 NM	
880-10650-16	SH1 @ 1'	Total/NA	Solid	8015 NM	
880-10650-17	EH1 @ 0'	Total/NA	Solid	8015 NM	
880-10650-18	EH1 @ 1'	Total/NA	Solid	8015 NM	
880-10650-19	EH2 @ 0'	Total/NA	Solid	8015 NM	
880-10650-20	EH2 @ 1'	Total/NA	Solid	8015 NM	
880-10650-21	EH3 @ 0'	Total/NA	Solid	8015 NM	
880-10650-22	EH3 @ 1'	Total/NA	Solid	8015 NM	
880-10650-23	WH1 @ 0'	Total/NA	Solid	8015 NM	
880-10650-24	WH1 @ 1'	Total/NA	Solid	8015 NM	
880-10650-25	WH2 @ 0'	Total/NA	Solid	8015 NM	
880-10650-26	WH2 @ 1'	Total/NA	Solid	8015 NM	
880-10650-27	WH3 @ 0'	Total/NA	Solid	8015 NM	
880-10650-28	WH3 @ 1'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 17962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Soluble	Solid	DI Leach	
880-10650-2	OS1 @ 1'	Soluble	Solid	DI Leach	
880-10650-3	OS2 @ 0'	Soluble	Solid	DI Leach	
880-10650-4	OS2 @ 1'	Soluble	Solid	DI Leach	
880-10650-5	V1 @ 0'	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 17962 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-6	V1 @ 4'	Soluble	Solid	DI Leach	
880-10650-7	V2 @ 0'	Soluble	Solid	DI Leach	
880-10650-8	V2 @ 1'	Soluble	Solid	DI Leach	
880-10650-9	V3 @ 0'	Soluble	Solid	DI Leach	
880-10650-10	V3 @ 2'-R	Soluble	Solid	DI Leach	
MB 880-17962/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17962/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17962/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10650-1 MS	OS1 @ 0'	Soluble	Solid	DI Leach	
880-10650-1 MSD	OS1 @ 0'	Soluble	Solid	DI Leach	

Leach Batch: 17963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-11	V4 @ 0'	Soluble	Solid	DI Leach	
880-10650-12	V4 @ 1'	Soluble	Solid	DI Leach	
880-10650-13	NH1 @ 0'	Soluble	Solid	DI Leach	
880-10650-14	NH1 @ 1'	Soluble	Solid	DI Leach	
880-10650-15	SH1 @ 0'	Soluble	Solid	DI Leach	
880-10650-16	SH1 @ 1'	Soluble	Solid	DI Leach	
880-10650-17	EH1 @ 0'	Soluble	Solid	DI Leach	
880-10650-18	EH1 @ 1'	Soluble	Solid	DI Leach	
880-10650-19	EH2 @ 0'	Soluble	Solid	DI Leach	
880-10650-20	EH2 @ 1'	Soluble	Solid	DI Leach	
880-10650-21	EH3 @ 0'	Soluble	Solid	DI Leach	
880-10650-22	EH3 @ 1'	Soluble	Solid	DI Leach	
880-10650-23	WH1 @ 0'	Soluble	Solid	DI Leach	
880-10650-24	WH1 @ 1'	Soluble	Solid	DI Leach	
880-10650-25	WH2 @ 0'	Soluble	Solid	DI Leach	
880-10650-26	WH2 @ 1'	Soluble	Solid	DI Leach	
880-10650-27	WH3 @ 0'	Soluble	Solid	DI Leach	
880-10650-28	WH3 @ 1'	Soluble	Solid	DI Leach	
MB 880-17963/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17963/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17963/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10650-19 MS	EH2 @ 0'	Soluble	Solid	DI Leach	
880-10650-19 MSD	EH2 @ 0'	Soluble	Solid	DI Leach	

Analysis Batch: 18076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-1	OS1 @ 0'	Soluble	Solid	300.0	17962
880-10650-2	OS1 @ 1'	Soluble	Solid	300.0	17962
880-10650-3	OS2 @ 0'	Soluble	Solid	300.0	17962
880-10650-4	OS2 @ 1'	Soluble	Solid	300.0	17962
880-10650-5	V1 @ 0'	Soluble	Solid	300.0	17962
880-10650-6	V1 @ 4'	Soluble	Solid	300.0	17962
880-10650-7	V2 @ 0'	Soluble	Solid	300.0	17962
880-10650-8	V2 @ 1'	Soluble	Solid	300.0	17962
880-10650-9	V3 @ 0'	Soluble	Solid	300.0	17962
880-10650-10	V3 @ 2'-R	Soluble	Solid	300.0	17962
MB 880-17962/1-A	Method Blank	Soluble	Solid	300.0	17962
LCS 880-17962/2-A	Lab Control Sample	Soluble	Solid	300.0	17962

Eurofins Midland

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 18076 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-17962/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17962
880-10650-1 MS	OS1 @ 0'	Soluble	Solid	300.0	17962
880-10650-1 MSD	OS1 @ 0'	Soluble	Solid	300.0	17962

Analysis Batch: 18284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10650-11	V4 @ 0'	Soluble	Solid	300.0	17963
880-10650-12	V4 @ 1'	Soluble	Solid	300.0	17963
880-10650-13	NH1 @ 0'	Soluble	Solid	300.0	17963
880-10650-14	NH1 @ 1'	Soluble	Solid	300.0	17963
880-10650-15	SH1 @ 0'	Soluble	Solid	300.0	17963
880-10650-16	SH1 @ 1'	Soluble	Solid	300.0	17963
880-10650-17	EH1 @ 0'	Soluble	Solid	300.0	17963
880-10650-18	EH1 @ 1'	Soluble	Solid	300.0	17963
880-10650-19	EH2 @ 0'	Soluble	Solid	300.0	17963
880-10650-20	EH2 @ 1'	Soluble	Solid	300.0	17963
880-10650-21	EH3 @ 0'	Soluble	Solid	300.0	17963
880-10650-22	EH3 @ 1'	Soluble	Solid	300.0	17963
880-10650-23	WH1 @ 0'	Soluble	Solid	300.0	17963
880-10650-24	WH1 @ 1'	Soluble	Solid	300.0	17963
880-10650-25	WH2 @ 0'	Soluble	Solid	300.0	17963
880-10650-26	WH2 @ 1'	Soluble	Solid	300.0	17963
880-10650-27	WH3 @ 0'	Soluble	Solid	300.0	17963
880-10650-28	WH3 @ 1'	Soluble	Solid	300.0	17963
MB 880-17963/1-A	Method Blank	Soluble	Solid	300.0	17963
LCS 880-17963/2-A	Lab Control Sample	Soluble	Solid	300.0	17963
LCSD 880-17963/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17963
880-10650-19 MS	EH2 @ 0'	Soluble	Solid	300.0	17963
880-10650-19 MSD	EH2 @ 0'	Soluble	Solid	300.0	17963

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: OS1 @ 0'

Lab Sample ID: 880-10650-1

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 13:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 10:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		1			18076	01/30/22 16:20	CH	XEN MID

Client Sample ID: OS1 @ 1'

Lab Sample ID: 880-10650-2

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 13:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 11:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		1			18076	01/30/22 16:43	CH	XEN MID

Client Sample ID: OS2 @ 0'

Lab Sample ID: 880-10650-3

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 14:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 12:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		1			18076	01/30/22 16:51	CH	XEN MID

Client Sample ID: OS2 @ 1'

Lab Sample ID: 880-10650-4

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 14:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: OS2 @ 1'

Lab Sample ID: 880-10650-4

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 12:35	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		1			18076	01/30/22 16:58	CH	XEN MID

Client Sample ID: V1 @ 0'

Lab Sample ID: 880-10650-5

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	18098	01/31/22 07:24	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	18100	01/31/22 18:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 15:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		10			18076	01/30/22 17:06	CH	XEN MID

Client Sample ID: V1 @ 4'

Lab Sample ID: 880-10650-6

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	18099	01/31/22 07:27	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	01/31/22 16:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 15:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		5			18076	01/30/22 17:29	CH	XEN MID

Client Sample ID: V2 @ 0'

Lab Sample ID: 880-10650-7

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 15:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 16:14	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V2 @ 0'

Lab Sample ID: 880-10650-7

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		5			18076	01/30/22 17:36	CH	XEN MID

Client Sample ID: V2 @ 1'

Lab Sample ID: 880-10650-8

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 15:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 16:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		1			18076	01/30/22 17:44	CH	XEN MID

Client Sample ID: V3 @ 0'

Lab Sample ID: 880-10650-9

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 16:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 16:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		10			18076	01/30/22 17:52	CH	XEN MID

Client Sample ID: V3 @ 2'-R

Lab Sample ID: 880-10650-10

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 16:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 17:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17962	01/27/22 18:49	CH	XEN MID
Soluble	Analysis	300.0		1			18076	01/30/22 17:59	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: V4@ 0'

Lab Sample ID: 880-10650-11

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 18:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 17:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 21:47	CH	XEN MID

Client Sample ID: V4 @ 1'

Lab Sample ID: 880-10650-12

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 18:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 17:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 21:53	CH	XEN MID

Client Sample ID: NH1 @ 0'

Lab Sample ID: 880-10650-13

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 18:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 18:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 21:59	CH	XEN MID

Client Sample ID: NH1 @ 1'

Lab Sample ID: 880-10650-14

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 19:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: NH1 @ 1'

Lab Sample ID: 880-10650-14

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			18369	02/02/22 12:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18142	01/31/22 11:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 18:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 22:18	CH	XEN MID

Client Sample ID: SH1 @ 0'

Lab Sample ID: 880-10650-15

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 19:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	18288	02/01/22 13:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/02/22 02:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 22:24	CH	XEN MID

Client Sample ID: SH1 @ 1'

Lab Sample ID: 880-10650-16

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 19:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18288	02/01/22 13:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/02/22 02:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 22:30	CH	XEN MID

Client Sample ID: EH1 @ 0'

Lab Sample ID: 880-10650-17

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 20:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18288	02/01/22 13:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/02/22 03:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: EH1 @ 0'

Lab Sample ID: 880-10650-17

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 22:36	CH	XEN MID

Client Sample ID: EH1 @ 1'

Lab Sample ID: 880-10650-18

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 20:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18288	02/01/22 13:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/02/22 03:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 22:42	CH	XEN MID

Client Sample ID: EH2 @ 0'

Lab Sample ID: 880-10650-19

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 20:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18288	02/01/22 13:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/02/22 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 22:49	CH	XEN MID

Client Sample ID: EH2 @ 1'

Lab Sample ID: 880-10650-20

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17879	01/27/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18020	01/28/22 21:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18165	01/31/22 12:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18288	02/01/22 13:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/02/22 04:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 23:07	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: EH3 @ 0'

Lab Sample ID: 880-10650-21

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 09:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 20:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 23:13	CH	XEN MID

Client Sample ID: EH3 @ 1'

Lab Sample ID: 880-10650-22

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 09:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 21:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 23:32	CH	XEN MID

Client Sample ID: WH1 @ 0'

Lab Sample ID: 880-10650-23

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 10:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 21:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 23:38	CH	XEN MID

Client Sample ID: WH1 @ 1'

Lab Sample ID: 880-10650-24

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 10:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: WH1 @ 1'

Lab Sample ID: 880-10650-24

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 22:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 23:44	CH	XEN MID

Client Sample ID: WH2 @ 0'

Lab Sample ID: 880-10650-25

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 10:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 22:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 23:50	CH	XEN MID

Client Sample ID: WH2 @ 1'

Lab Sample ID: 880-10650-26

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 11:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 22:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/01/22 23:57	CH	XEN MID

Client Sample ID: WH3 @ 0'

Lab Sample ID: 880-10650-27

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 11:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 23:09	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Client Sample ID: WH3 @ 0'

Lab Sample ID: 880-10650-27

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/02/22 00:03	CH	XEN MID

Client Sample ID: WH3 @ 1'

Lab Sample ID: 880-10650-28

Date Collected: 01/26/22 00:00

Matrix: Solid

Date Received: 01/27/22 00:00

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	17780	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17974	01/29/22 11:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18150	01/31/22 12:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18223	02/01/22 23:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17963	01/27/22 18:55	CH	XEN MID
Soluble	Analysis	300.0		1			18284	02/02/22 00:09	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Speedy Booster

Job ID: 880-10650-1
SDG: Rural Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10650-1	OS1 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-2	OS1 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-3	OS2 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-4	OS2 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-5	V1 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-6	V1 @ 4'	Solid	01/26/22 00:00	01/27/22 00:00	4'
880-10650-7	V2 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-8	V2 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-9	V3 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-10	V3 @ 2'-R	Solid	01/26/22 00:00	01/27/22 00:00	2'
880-10650-11	V4 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-12	V4 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-13	NH1 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-14	NH1 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-15	SH1 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-16	SH1 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-17	EH1 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-18	EH1 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-19	EH2 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-20	EH2 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-21	EH3 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-22	EH3 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-23	WH1 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-24	WH1 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-25	WH2 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-26	WH2 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	1'
880-10650-27	WH3 @ 0'	Solid	01/26/22 00:00	01/27/22 00:00	0'
880-10650-28	WH3 @ 1'	Solid	01/26/22 00:00	01/27/22 00:00	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 (905) 756-0747 Delray Beach FL (561) 689-8701
Atlanta GA (770) 449-8800

W



880-10650 Chain of Custody

www.xenco.com Page 1 of 3

Project Manager:	Joel Lowry	Bill to (if different)	Solaris Water Midstream C/O Rob Kirk
Company Name:	Etech Environmental and Safety	Company Name	
Address:	2617 West Marland	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	(575) 264-9884	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:			Speedy Booster		Turn Around	
Project Number			15509		Routine	☒
Project Location			Rural Eddy Co , NM		Rush	☐
Sampler's Name:			Matthew Grieco		Due Date	
PO #:						
SAMPLE RECEIPT						
Temp Blank:		Yes	No ☒	Wet Ice:		Yes ☒ No ☒
Temperature (°C)		32/3-3		Thermometer ID		
Received Intact:		Yes ☒ No ☒	IRB			
Cooler Custody Seals:		Yes No N/A	Correction Factor:		10	
Sample Custody Seals.		Yes No N/A	Total Containers:			
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	
OS1 @ 0'		Soil	1/26/2022		0'	
OS1 @ 1'		Soil	1/26/2022		1'	
OS2 @ 0'		Soil	1/26/2022		0'	
OS2 @ 1'		Soil	1/26/2022		1'	
V1 @ 0'		Soil	1/26/2022		0'	
V1 @ 4'		Soil	1/26/2022		4'	
V2 @ 0'		Soil	1/26/2022		0'	
V2 @ 1'		Soil	1/26/2022		1'	
V3 @ 0'		Soil	1/26/2022		0'	
V3 @ 2' - R		Soil	1/26/2022		2'	

Total	200.7 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
<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

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1					
5					

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
2					
4					
6					



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: 10650

www.xenco.com Page 2 of 3

Project Manager:	Joel Lowry	Bill to: (if different)	Solaris Water Midstream C/O Rob Kirk
Company Name:	Etech Environmental and Safety	Company Name:	
Address:	2617 West Marland	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	(575) 264-9884	Email:	Email Results to <u>PM@etechenv.com</u> + Client

Work Order Comments	
Program:	UST/PST ☐ PRF ☐ Brownfield ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting Level	☐ Level ☐ PST/US ☐ TRF ☐ Level ☐
Deliverables	EDD ☐ ADaPT ☐ Other: ☐

Project Name:		Speedy Booster		Turn Around		ANALYSIS REQUEST																Preservative Codes					
Project Number:		15509		Routine ☒																		HNO3 HN H2SO4 H2 HCL HL None NO NaOH Na MeOH Me Zn Acetate+ NaOH Zn TAT starts the day received by the lab if received by 4 30pm					
Project Location:		Rural Eddy Co NM		Rush ☐																							
Sampler's Name:		Matthew Grieco		Due Date																							
PO #:																											
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:		Yes	No	Number of Containers/Preservative Code BTEX (8021) TPH (Modified Ext.) CI- (E300)																Sample Comments	
Temperature (°C):				Thermometer ID																							
Received Intact:		Yes		No	Correction Factor:																						
Cooler Custody Seals:		Yes	No	N/A	Total Containers:																						
Sample Custody Seals:		Yes	No	N/A																							
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth																						
V4 @ 0'		Soil	1/26/2022		0'	1/NO	X	X	X																		
V4 @ 1'		Soil	1/26/2022		1'	1/NO	X	X	X																		
NH1 @ 0'		Soil	1/26/2022		0'	1/NO	X	X	X																		
NH1 @ 1'		Soil	1/26/2022		1'	1/NO	X	X	X																		
SH1 @ 0'		Soil	1/26/2022		0'	1/NO	X	X	X																		
SH1 @ 1'		Soil	1/26/2022		1'	1/NO	X	X	X																		
EH1 @ 0'		Soil	1/26/2022		0'	1/NO	X	X	X																		
EH1 @ 1'		Soil	1/26/2022		1'	1/NO	X	X	X																		
EH2 @ 0'		Soil	1/26/2022		0'	1/NO	X	X	X																		
EH2 @ 1'		Soil	1/26/2022		1'	1/NO	X	X	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

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	NR	3:06/11-26	2		1-21-22 11:33
5			6		



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
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 Atlanta GA (770) 449-8800

 Work Order No: 10650

 www.xenco.com Page 3 of 3

Project Manager:	Joel Lowry	Bill to. (if different)	Solaris Water Midstream C/O Rob Kirk
Company Name:	Etech Environmental and Safety	Company Name:	
Address:	2617 West Marland	Address:	
City, State ZIP:	Hobbs, NM 88240	City, State ZIP:	
Phone:	(575) 264-9884	Email:	Email Results to <u>PM@etechenv.com</u> + 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:		Speedy Booster		Turn Around		ANALYSIS REQUEST																Preservative Codes					
Project Number:		15509		Routine ☒																		HNO3 HN					
Project Location:		Rural Eddy Co, NM		Rush ☐																		H2S04 H2					
Sampler's Name:		Matthew Grieco		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:		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																			
EH3 @ 0'		Soil		1/26/2022				0'																			
EH3 @ 1'		Soil		1/26/2022				1'																			
WH1 @ 0'		Soil		1/26/2022				0'																			
WH1 @ 1'		Soil		1/26/2022				1'																			
WH2 @ 0'		Soil		1/26/2022				0'																			
WH2 @ 1'		Soil		1/26/2022				1'																			
WH3 @ 0'		Soil		1/26/2022				0'																			
WH3 @ 1'		Soil		1/26/2022				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>[Signature]</u>	2 <u>[Signature]</u>	3 3:00 PM 1-26-22	4 <u>[Signature]</u>	5 <u>[Signature]</u>	6 1-27-22 11:33
3			4		
5			6		

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-10650-1
SDG Number: Rural Eddy Co, NM

Login Number: 10650

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

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

Appendix D

Photographic Log

Photographic Log

Photo Number: 1	 Jan 14, 2022 at 10:01:05 AM +32.387074,-103.645135 ±5.00m 353° N
Photo Direction: North	
Photo Description: View of impacted area.	

Photo Number: 2	 Jan 14, 2022 at 10:02:13 AM +32.387212,-103.645008 ±5.00m 319° NW
Photo Direction: Northwest	
Photo Description: View of impacted area.	

Photographic Log

Photo Number: 3	 Jan 14, 2022 at 10:02:56 AM +32.386915,-103.645111 ±5.00m 217° SW
Photo Direction: Southwest	
Photo Description: View of impacted area.	

Photo Number: 4	 Jan 14, 2022 at 10:03:53 AM +32.386566,-103.645154 ±5.00m 189° S
Photo Direction: South	
Photo Description: View of impacted area.	

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

COMMENTS

Action 119429

COMMENTS

Operator: SOLARIS WATER MIDSTREAM, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706	OGRID: 371643
	Action Number: 119429
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	Initial to remediation	6/22/2022

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

CONDITIONS

Action 119429

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706	OGRID: 371643
	Action Number: 119429
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Please address and remediate the area around V-3 to meet 19.15.29.13 NMAC criteria.	7/5/2022