Form C-141
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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2204742524
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?	380 (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.

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2204742524
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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: Jacqui Harris Title: Sr. Environmental Engineer

Signature: Jacqui Harris Date: 6/16/2022

email: Jacqui.Harris@conocophillips.com Telephone: (575)745-1807

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2204742524
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jacqui Harris Title: Sr. Environmental Engineer

Signature: Jacqui Harris Date: 6/16/2022

email: Jacqui.Harris@conocophillips.com Telephone: (575)745-1807

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 06/22/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Remediation Summary & Soil Closure Request

ConocoPhillips Company
Bevo 11 Federal 004H
Lea County, New Mexico
Unit Letter "P", Section 11, Township 22 South, Range 33 East
Latitude 32.40111 North, Longitude 103.53722 West
NMOCD Reference No. nAPP2204742524

Prepared By:

Etech Environmental & Safety Solutions, Inc.
2507 79th Street, Unit A
Lubbock, Texas 79423

Ben J. Arguijo

Joel W. Lowry

ETECH Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of ConocoPhillips Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Bevo 11 Federal 004H (henceforth, "Bevo 004H"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.40111 Longitude: -103.537220

Provided GPS are in WGS84 format.

Site Name:	Bevo 11 Federal 004H	Site Type:	Tank Battery
Date Release Discovered:	1/30/2022	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
"P"	11	22S	33E	Lea

Surface Owner: [ ] State [X] Federal [ ] Tribal [ ] Private (Name _____)

Nature and Volume of Release

[X] Crude Oil	Volume Released (bbls) 1	Volume Recovered (bbls) 0
[ ] Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?	[ ] Yes [ ] No [X] 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:
The release was caused by a valve failure, which resulted in a flare fire on the pad. No fluid was recovered due to the fire burning off any standing liquid. During initial response activities, visibly stained, heavily saturated soil was scraped up and stockpiled on site, pending final disposition.

Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] 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 Bevo 004H release 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?	380'
Did the release impact groundwater or surface water?	[ ] Yes [X] No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	[ ] Yes [X] 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 [X] No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	[ ] Yes [X] 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 [X] No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	[ ] Yes [X] No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	[ ] Yes [X] No
Are the lateral extents of the release within 300 feet of a wetland?	[ ] Yes [X] No
Are the lateral extents of the release overlying a subsurface mine?	[ ] Yes [X] No
Are the lateral extents of the release overlying an unstable area such as karst geology?	[ ] Yes [X] No
Are the lateral extents of the release within a 100-year floodplain?	[ ] Yes [X] No
Did the release impact areas not on an exploration, development, production or storage site?	[X] Yes [ ] No

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Bevo 004H release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
380'	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	N/A
	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 April 8, 2022, Etech conducted an initial site assessment. During the initial site assessment, three (3) hand-augered soil bores (V1, V2, and V3) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. In addition, six (6) hand-augered soil bores (NH1, NH2, EH1, SH1, SH2, and WH1) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, a total of 18 delineation soil samples (NH1 @ 0', NH1 @ 1', NH2 @ 0', NH2 @ 1', EH1 @ 0', EH1 @ 1', SH1 @ 0', SH1 @ 1', SH2 @ 0', SH2 @ 1', WH1 @ 0', WH1 @ 1', V1 @ 0', V1 @ 1', V2 @ 0', V2 @ 1', V3 @ 0', and V3 @ 1') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the horizontal and vertical extent of impacted soil was adequately defined, and soil was not affected above the NMOCD Closure Criteria beyond ground surface in the areas characterized by sample points V1 and V3 or below one (1) foot below ground surface (bgs) in the area characterized by sample point V2.

The locations of the hand-augered soil bores are depicted in Figure 3, "Site & Sample Location Map".

5.0 REMEDIATION ACTIVITIES SUMMARY

On April 19, 2022, remediation activities commenced at the release site. Etech collected 18 confirmation soil samples (NW1, EW1, SW1, WW1, and FL1 @ 3" through FL14 @ 3") from the sidewalls and floor of the scraped area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX concentrations were below the NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory method detection limit (MDL) in each of the submitted soil samples. GRO+DRO and TPH concentrations exceeded the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in a majority of the submitted soil samples, with the exceptions of soil samples FL1 @ 3", FL3 @ 3" and FL6 @ 3". GRO+DRO concentrations ranged from less than the laboratory MDL (EW1, SW1, and FL1 @ 3") to 1,760 mg/kg (FL5 @ 3"). TPH concentrations ranged from less than the laboratory MDL (EW1, SW1, and FL1 @ 3") to 2,412 mg/kg (FL5 @ 3"). Chloride concentrations were below the NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples and ranged from 16.0 mg/kg (NW1 and FL14 @ 3") to 304 mg/kg (SW1).

On May 2, 2022, Etech commenced excavation of impacted soil. In accordance with NMOCD regulatory guidelines, soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards in the areas characterized by soil samples NW1, EW1, SW1, WW1, and FL1 @ 3" through FL14 @ 3" was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the vertical and horizontal extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

On May 3, 2022, Etech collected nine (9) confirmation soil samples (ESW, SSW, WSW, and F1 @ 1' through F6 @ 1') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples.

On May 4, 2022, Etech collected four (4) confirmation soil samples (F7 @ 2' through F10 @ 1') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples.

On May 5, 2022, Etech collected five (5) confirmation soil samples (NSW1, WSW2, F11 @ 1', F12 @ 1', and F13 @ 1') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Soil samples NSW1 and WSW2 were also analyzed for BTEX and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations were 64.0 mg/kg (NSW1) and 80.0 mg/kg (WSW2).

On May 6, 2022, Etech collected two (2) confirmation soil samples (ESW2 and F14 @ 1') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in both of the submitted soil samples.

The final dimensions of the excavated area were approximately 72 feet in length, 30 to 48 feet in width, and one (1) to two (2) feet in depth. During the course of remediation activities, Etech transported approximately 132 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 132 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. Laboratory analytical reports are provided in Appendix C. General photographs of the release site are provided in Appendix D.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was contoured and compacted to achieve erosion control, stability, and preservation of surface water flow 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 free of noxious weeds during the first favorable growing season following closure of the site. Final reclamation and re-vegetation will be conducted upon decommission and abandonment of the tank battery facility.

7.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends ConocoPhillips Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Bevo 004H release site.

8.0 LIMITATIONS

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

This report has been prepared for the benefit of ConocoPhillips Company. Use of the information contained in this report is prohibited without the consent of Etech and/or ConocoPhillips Company.

9.0 DISTRIBUTION

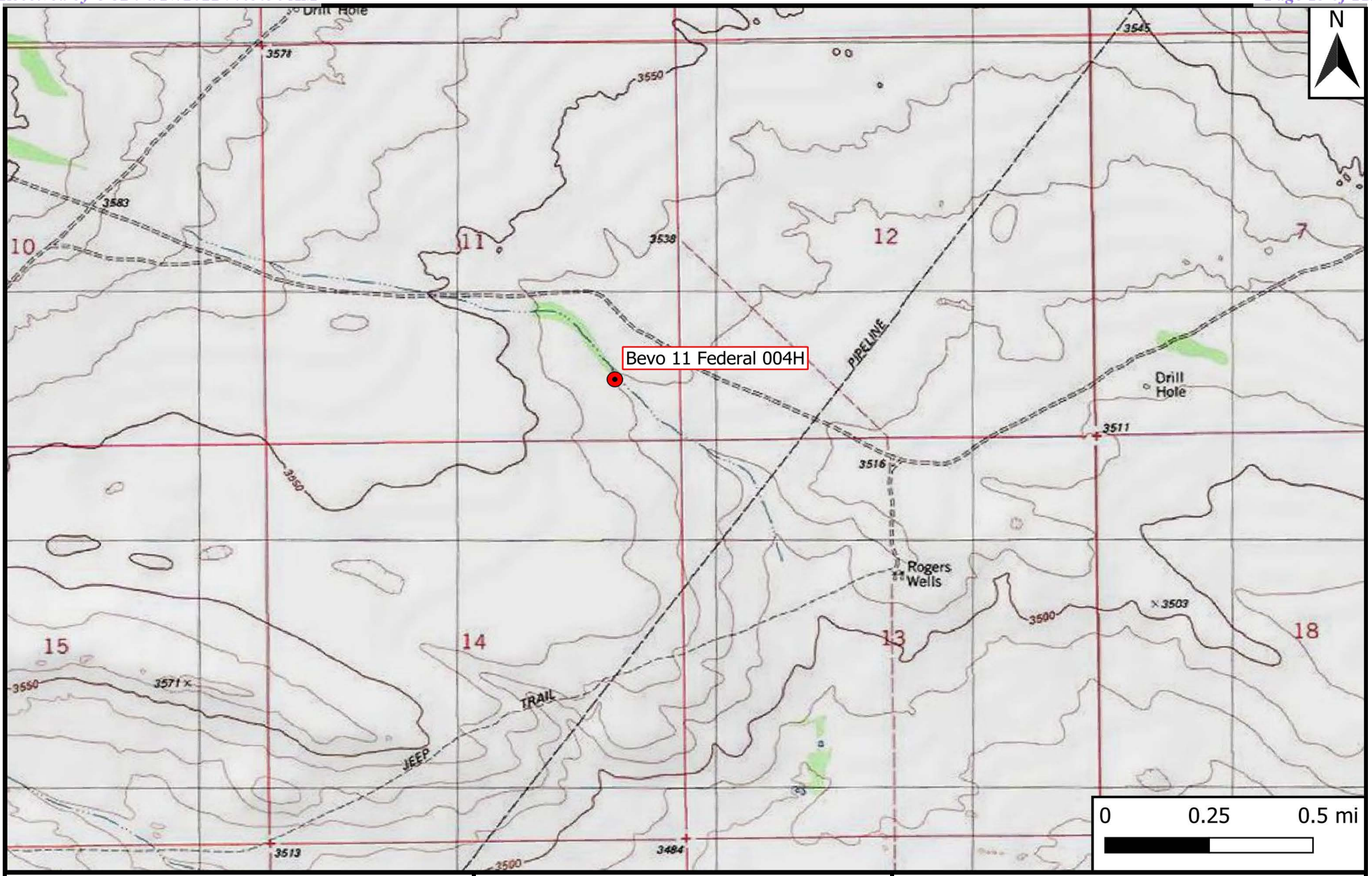
ConocoPhillips Company
3300 B A St.
Midland, TX 79705

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

Merchant Livestock Company
P.O. Box 1105
Eunice, NM 88231

(Electronic Submission)

Figure 1
Topographic Map



Legend

- Site Location

Figure 1

Topographic Map

ConocoPhillips Company

Bevo 11 Federal 004H

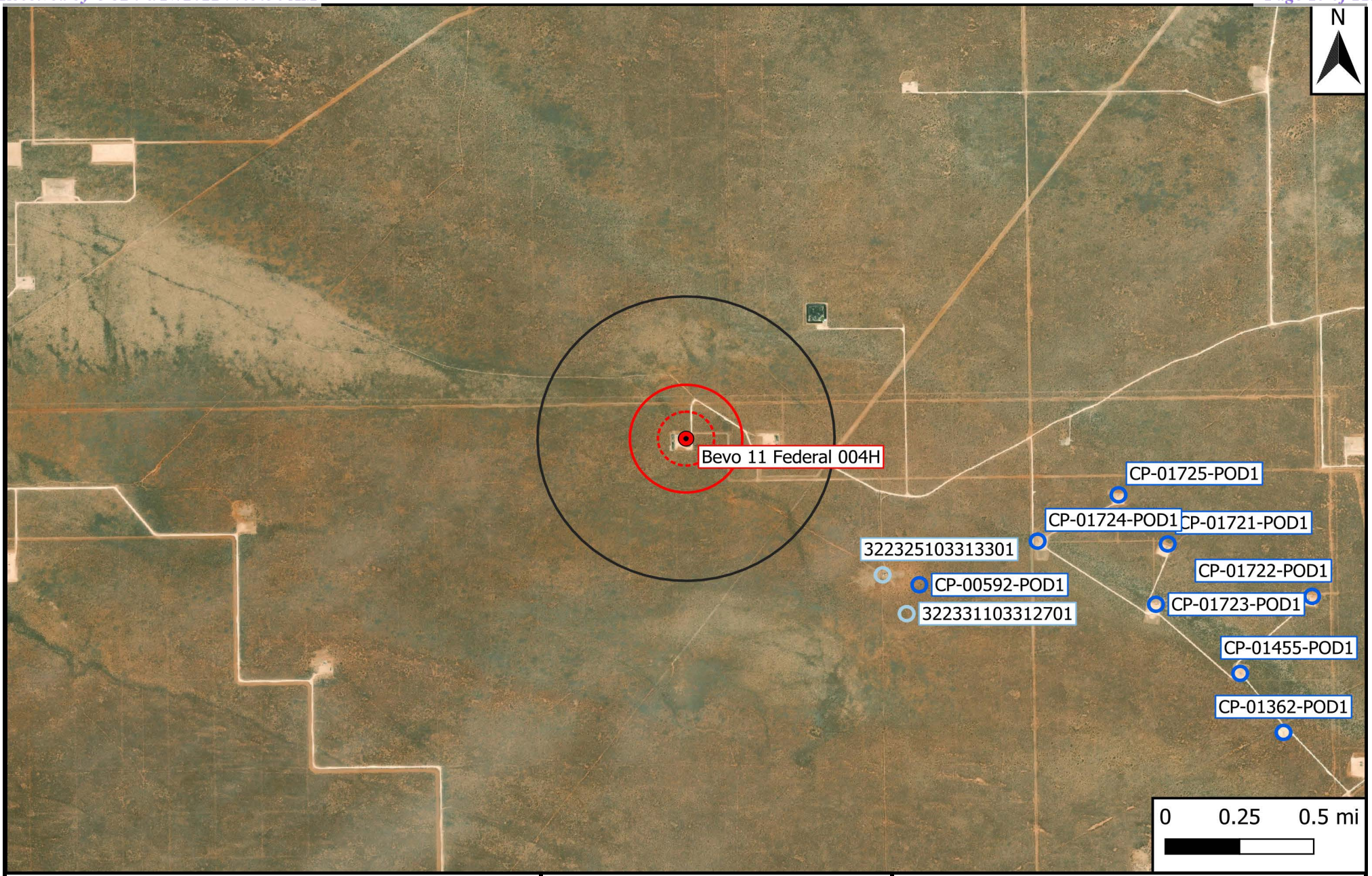
GPS: 32.40111, -103.53722

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: jwl Date: 5/19/22

Figure 2
Aerial Proximity Map



Legend

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Other
- Potash Mine Workings
- 1% Annual Flood Chance
- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Medium/High Karst
- Riverine
- 500-Ft Radius
- 1,000-Ft Radius
- 0.5-Mi Radius

Figure 2

Aerial Proximity Map

ConocoPhillips Company

Bevo 11 Federal 004H

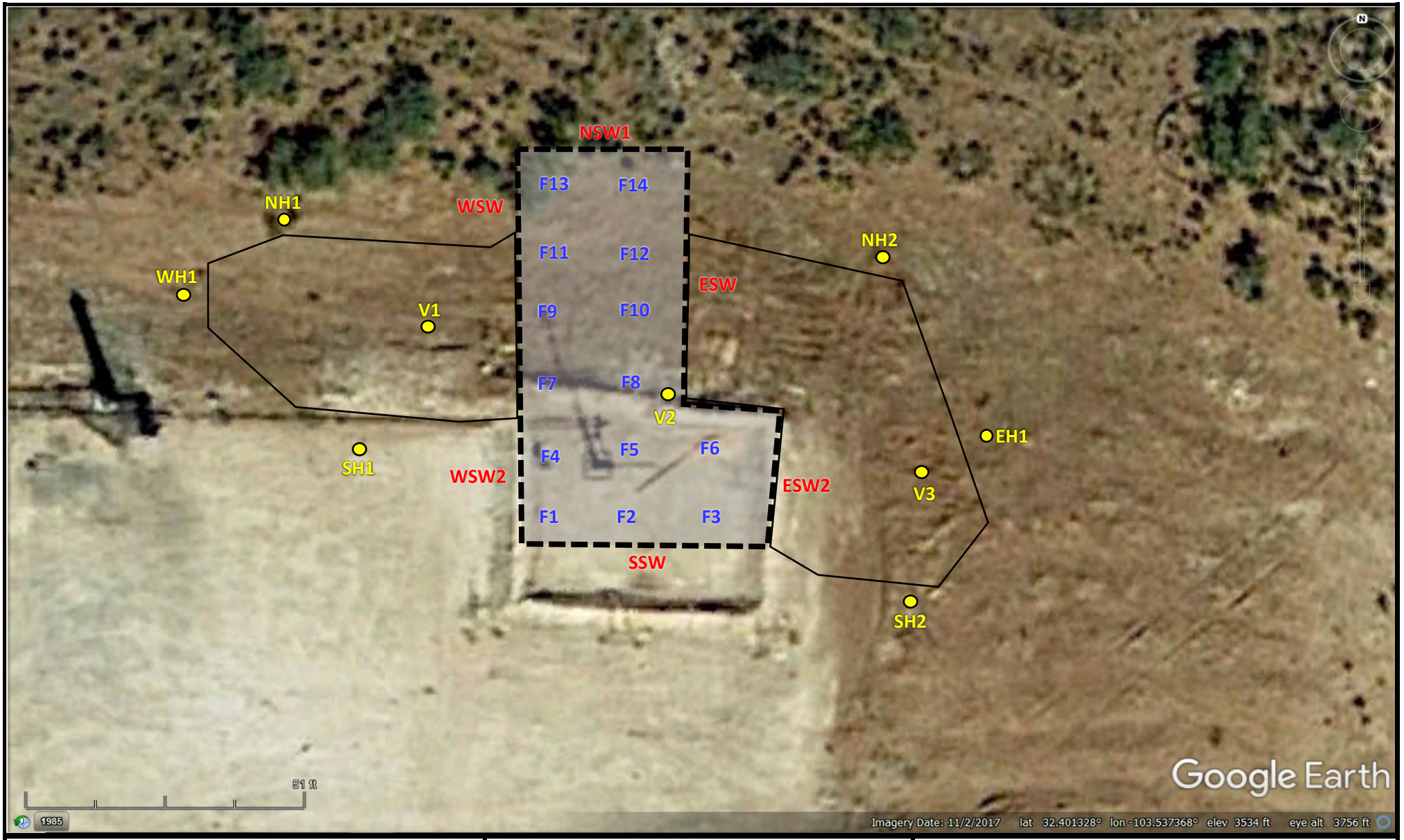
GPS: 32.40111, -103.53722

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: jwl Date: 5/19/22

Figure 3
Site & Sample Location Map



Legend:

- Excavated Area
- Scraped Area
- F# Composite Floor Sample
- W# Composite Wall Sample
- Delineation Sample Point

Figure 3

Site & Sample Location Map
ConocoPhillips Company
Bevo 11 Federal 004H
GPS: 32.40111, -103.53722
Lea County

eTECH Environmental & Safety Solutions, Inc.

Revised: bja Checked: jwl Date: 6/14/22

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ConocoPhillips Company
Bevo 11 Federal 004H
NMOCD Ref. #: nAPP2204742524

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)**
Delineation Samples											
NH1 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH1 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH2 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH2 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH1 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH1 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH1 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH1 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH2 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH2 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH1 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH1 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
V1 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
V1 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
V2 @ 0'	4/8/2022	0	Excavated	<0.050	<0.300	<10.0	55.5	55.5	17.9	73.4	<16.0
V2 @ 1'	4/8/2022	1	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
V3 @ 0'	4/8/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
V3 @ 1'	4/8/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
Excavation Samples											
NW1	4/19/2022	0-0.25	Excavated	<0.050	<0.300	<10.0	12.7	12.7	12.9	25.6	16.0
NSW1	5/5/2022	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW1	4/19/2022	0-0.25	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
ESW	5/3/2022	0-1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
ESW2	5/6/2022	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW1	4/19/2022	0-0.25	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SSW	5/3/2022	0-1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
WW1	4/19/2022	0-0.25	Excavated	<0.050	<0.300	<10.0	59.5	59.5	33.5	93.0	48.0
WSW	5/3/2022	0-1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
WSW2	5/5/2022	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL1 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
F1 @ 1'	5/3/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL2 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	1,190	**1,190**	428	1,618	240
F2 @ 1'	5/3/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL3 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	144	144	90.0	234	64.0
F3 @ 1'	5/3/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL4 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	1,110	**1,110**	437	1,547	144
F4 @ 1'	5/3/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL5 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	1,760	**1,760**	652	2,412	96.0
F5 @ 1'	5/3/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL6 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	146	146	106	252	64.0

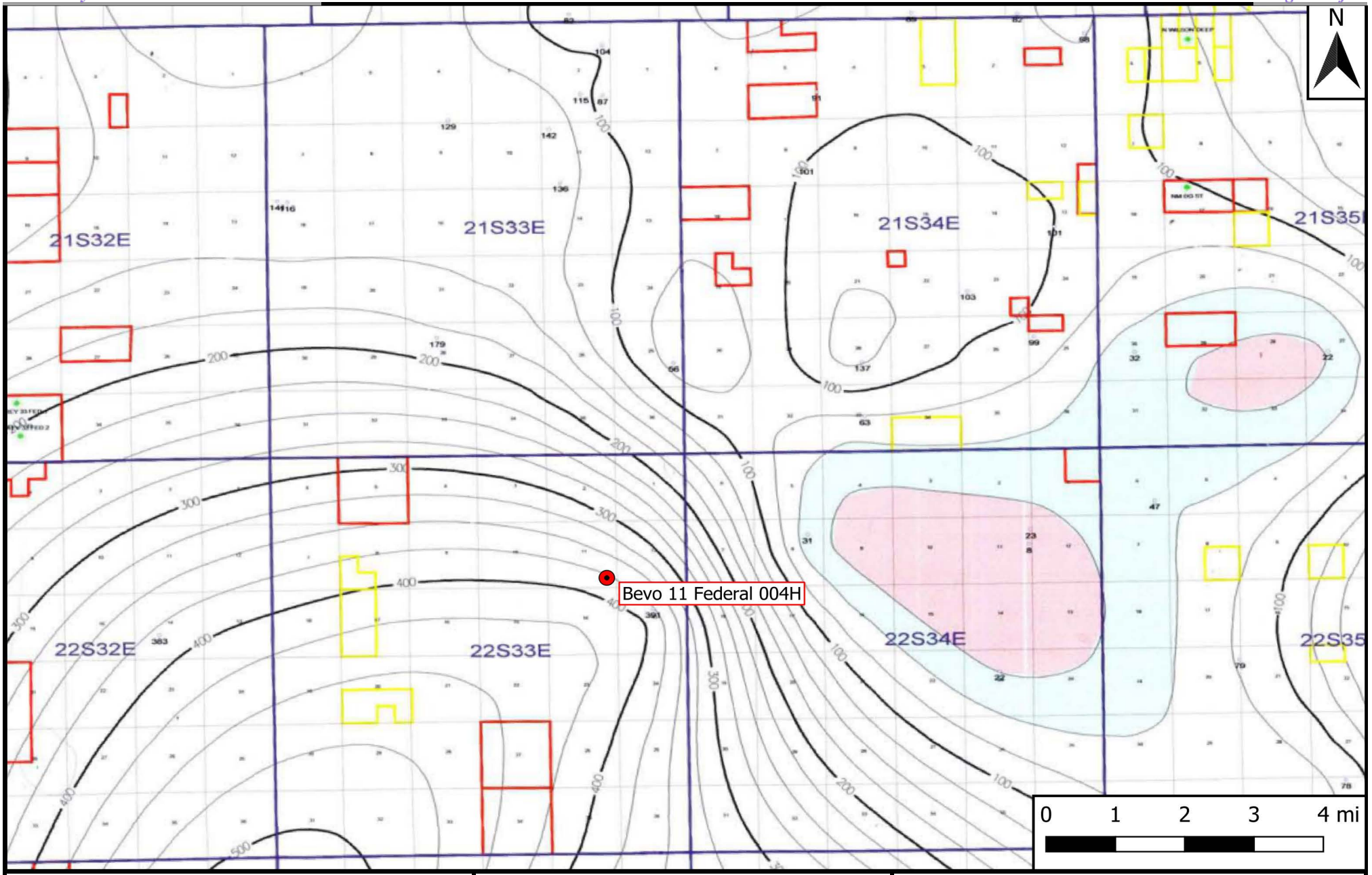
Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
ConocoPhillips Company
Bevo 11 Federal 004H
NMOCD Ref. #: nAPP2204742524

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)**
F6 @ 1'	5/3/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL7 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	725	725	371	1,096	64.0
F7 @ 2'	5/4/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL8 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	182	182	138	320	64.0
F8 @ 2'	5/4/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL9 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	127	127	85.8	213	64.0
F9 @ 1'	5/4/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL10 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	248	248	145	393	64.0
F10 @ 1'	5/4/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL11 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	113	113	81.9	195	32.0
F11 @ 1'	5/5/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL12 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	251	251	129	380	32.0
F12 @ 1'	5/5/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL13 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	84.1	84.1	61.0	145	48.0
F13 @ 1'	5/5/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL14 @ 3"	4/19/2022	0.25	Excavated	<0.050	<0.300	<10.0	141	141	90.7	232	16.0
F14 @ 1'	5/6/2022	1	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-

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

ConocoPhillips Company

Bevo 11 Federal 004H

GPS: 32.40111, -103.53722

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: jwl Date: 5/19/22

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00592 POD1		CP	ED		3	2	13	22S	33E	638834	3585015*	1509	427		
CP 01724 POD1		CP	LE	3	1	1	18	22S	34E	639475	3585260	1992	1172	800	372
CP 01725 POD1		CP	LE	1	2	1	18	22S	34E	639914	3585521	2366	1137	800	337
CP 01721 POD1		CP	LE	4	2	1	18	22S	34E	640181	3585244	2678	1108	820	288
CP 01723 POD1		CP	LE	4	4	1	18	22S	34E	640117	3584905	2713	1140	785	355

Average Depth to Water: **801 feet**
Minimum Depth: **785 feet**
Maximum Depth: **820 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 637568.92 **Northing (Y):** 3585838.23 **Radius:** 3220

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

4/5/22 7:21 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)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	CP 00592 POD1	3	2		13	22S	33E	638834	3585015*

Driller License: 122 **Driller Company:** UNKNOWN

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 3 GPM

Casing Size: 6.63 **Depth Well:** 427 feet **Depth Water:**

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

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
NA	CP 01721 POD1	4	2	1	18	22S	34E	640181	3585244

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	CORKY GLENN				
Drill Start Date:	04/07/2019	**Drill Finish Date:**	04/11/2019	**Plug Date:**	
Log File Date:	05/13/2019	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	45 GPM
Casing Size:	8.13	**Depth Well:**	1108 feet	**Depth Water:**	820 feet

Water Bearing Stratifications:	Top	Bottom	Description
	792	823	Sandstone/Gravel/Conglomerate
	823	1075	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	714	1108

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
NA	CP 01723 POD1	4	4	1	18	22S	34E	640117	3584905

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A."CORKY"

Drill Start Date: 03/31/2019 **Drill Finish Date:** 04/05/2019 **Plug Date:**

Log File Date: 05/03/2019 **PCW Rcv Date:** **Source:** Artesian

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 65 GPM

Casing Size: 8.00 **Depth Well:** 1140 feet **Depth Water:** 785 feet

Water Bearing Stratifications:	Top	Bottom	Description
	768	1120	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	702	1140

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
NA	CP 01724 POD1	3	1	1	18	22S	34E	639475	3585260

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY", CE				
Drill Start Date:	04/16/2019	**Drill Finish Date:**	04/20/2019	**Plug Date:**	
Log File Date:	05/20/2019	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	75 GPM
Casing Size:	8.00	**Depth Well:**	1172 feet	**Depth Water:**	800 feet

Water Bearing Stratifications:	Top	Bottom	Description
	799	919	Sandstone/Gravel/Conglomerate
	919	950	Shale/Mudstone/Siltstone
	950	1140	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	752	1172

New Mexico Office of the State Engineer
Point of Diversion Summary

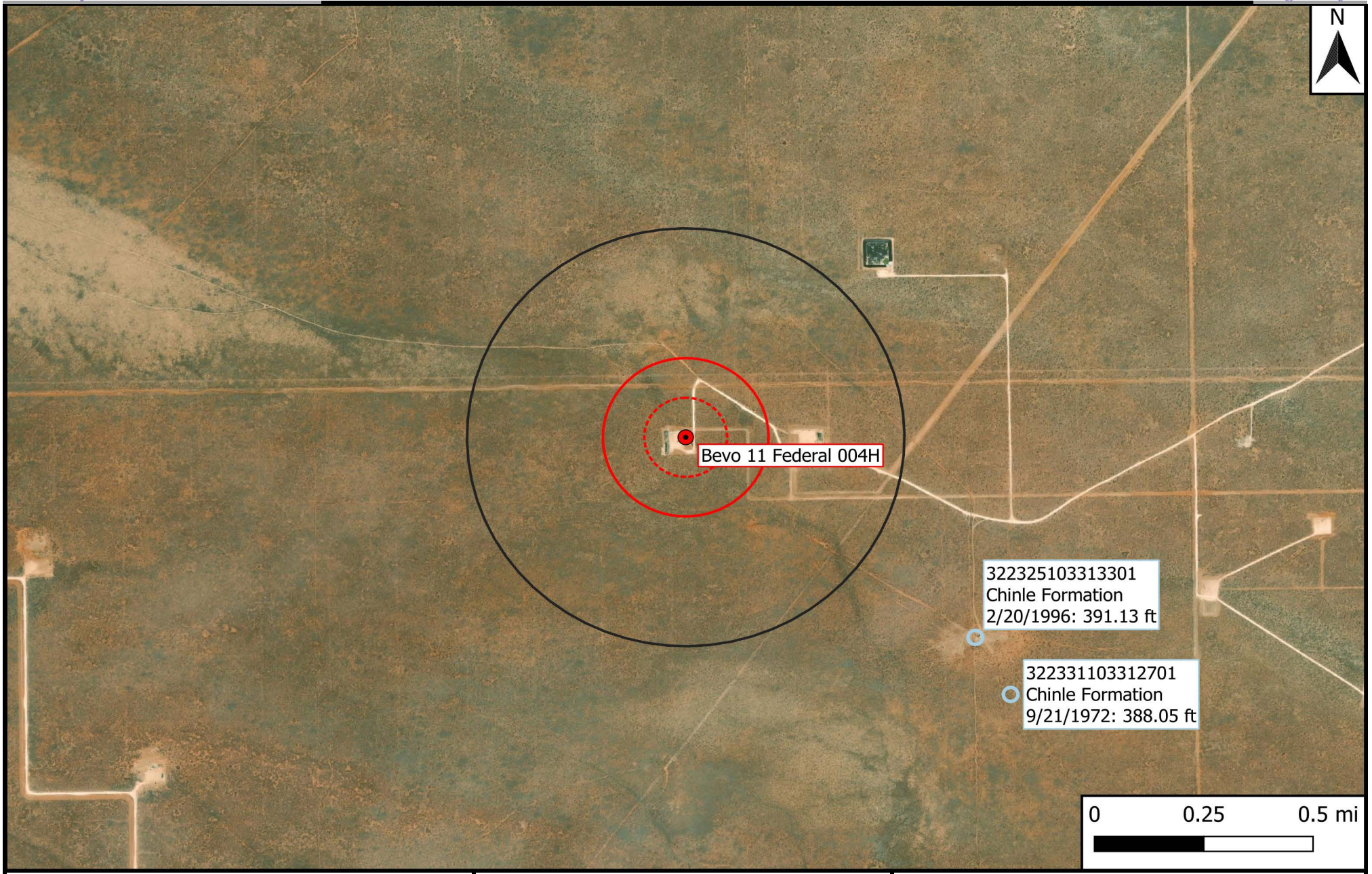
(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01725 POD1	1	2	1	18	22S	34E	639914	3585521

Driller License:	421	**Driller Company:**	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY", CE				
Drill Start Date:	04/24/2019	**Drill Finish Date:**	04/28/2019	**Plug Date:**	
Log File Date:	05/25/2019	**PCW Rcv Date:**		**Source:**	Artesian
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	75 GPM
Casing Size:	8.00	**Depth Well:**	1137 feet	**Depth Water:**	800 feet

Water Bearing Stratifications:	Top	Bottom	Description
	789	820	Sandstone/Gravel/Conglomerate
	820	1010	Sandstone/Gravel/Conglomerate
	1010	1041	Sandstone/Gravel/Conglomerate
	1041	1073	Sandstone/Gravel/Conglomerate
	1073	1105	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	717	1137



Legend

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

Figure 5

USGS Well Proximity Map

ConocoPhillips Company

Bevo 11 Federal 004H

GPS: 32.40111, -103.53722

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: bja Checked: jwl Date: 5/19/22

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322325103313301

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 322325103313301 22S.33E.13.23131

Lea County, New Mexico
Latitude 32°23'38.6", Longitude 103°31'33.6" NAD83
Land-surface elevation 3,519 feet above NAVD88
The depth of the well is 508 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-06-10		D	72019	387.08			P	Z			A
1970-12-04		D	72019	385.19			P	Z			A
1972-09-21		D	72019	388.35			1	Z			A
1976-12-16		D	72019	388.60			1	Z			A
1981-03-10		D	72019	389.83			1	Z			A
1986-04-10		D	72019	383.14			1	Z			A

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1991-05-03		D	72019	390.28			P	Z			A
1996-02-20		D	72019	391.13			1	S			A

Explanation

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

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 322331103312701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 322331103312701 22S.33E.13.14242

Lea County, New Mexico
Latitude 32°23'31", Longitude 103°31'27" NAD27
Land-surface elevation 3,507 feet above NAVD88
The depth of the well is 490 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1972-09-21		D	72019	388.05			P	Z			A

Explanation

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

Appendix B
Field Data

TECH
Environmental & Safety Solutions, Inc.

Sample Log

Date:

Project: Bevo 11 Federal 004H

Project Number: 15864 Latitude: 32.40111 Longitude: -103.53722

Sample ID	PID/Odor	Chloride Conc.	GPS
SSW	None	440	
FL 1 @ 1	None	396	
FL 2 @ 1	None	396	
FL 3 @ 1	None	352	
FL 4 @ 1	None	280	
FL 5 @ 1	None	136	
FL 6 @ 1	None	432	
ESW	None	488	
WSW	None	188	
FL 7 @ 2	None	396	
FL 8 @ 2	None	396	
FL 9 @ 1	None	480	
FL 10 @ 1	None	352	
WSW2	None	216	
FL 11 @ 1	None	488	
FL 12 @ 1	None	116	

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

Top Soil Out

5-5-22 JJ

Appendix C
Laboratory Analytical Reports

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 14, 2022

KATHY PURVIS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BEVO 11 FEDERAL 004H

Enclosed are the results of analyses for samples received by the laboratory on 04/08/22 14:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: WH 1 @ 0' (H221451-01)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	207	104	200	4.93	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	213	107	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *87.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *97.4 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: WH 1 @ 1' (H221451-02)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane *111 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *116 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: EH 1 @ 0' (H221451-03)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *111 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *121 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: EH 1 @ 1' (H221451-04)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *109 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *119 %* *59.5-142*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: NH 1 @ 0' (H221451-05)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *103 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *112 %* *59.5-142*

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: NH 1 @ 1' (H221451-06)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *107 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *116 %* *59.5-142*

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CARDINAL Laboratories

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: NH 2 @ 0' (H221451-07)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *112 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *122 %* *59.5-142*

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CARDINAL Laboratories

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: NH 2 @ 1' (H221451-08)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *106 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *115 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: SH 1 @ 0' (H221451-09)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *90.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *96.5 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: SH 1 @ 1' (H221451-10)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *107 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *116 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: SH 2 @ 0' (H221451-11)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *106 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *115 %* *59.5-142*

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CARDINAL Laboratories

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: SH 2 @ 1' (H221451-12)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *103 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *113 %* *59.5-142*

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
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Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: V 1 @ 0' (H221451-13)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *109 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *119 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: V 1 @ 1' (H221451-14)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *117 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *129 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: V 2 @ 0' (H221451-15)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	**55.5**	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	**17.9**	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *113 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *127 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: V 2 @ 1' (H221451-16)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/13/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/13/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/13/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	194	97.2	200	1.12	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	219	110	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *107 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *117 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: V 3 @ 0' (H221451-17)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/14/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *90.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *97.8 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: V 3 @ 1' (H221451-18)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.17	109	2.00	7.42	
Toluene*	<0.050	0.050	04/14/2022	ND	2.17	108	2.00	7.02	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.14	107	2.00	6.82	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.60	110	6.00	6.85	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane *95.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *108 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Kathy Purvis	**P.O. #:**	
Address:	2617 West Marland	**Company**	ConocoPhillips
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Jacqui Harris
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	15864 **Project Owner:** ConocoPhillips	**City:**	
Project Name:	Bevo 11 Federal 004H	**State:** NM **Zip:**	
Project Location:	Rural Lea County, NM	**Phone #:**	
Sampler Name:	Matthew Grieco	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)	
H221451																		
1	WH1 @ 0'	G	1			X					X		4/8/22		X	X	X	
2	WH1 @ 1'	G	1			X					X		4/8/22		X	X	X	
3	EH1 @ 0'	G	1			X					X		4/8/22		X	X	X	
4	EH1 @ 1'	G	1			X					X		4/8/22		X	X	X	
5	NH1 @ 0'	G	1			X					X		4/8/22		X	X	X	
6	NH1 @ 1'	G	1			X					X		4/8/22		X	X	X	
7	NH2 @ 0'	G	1			X					X		4/8/22		X	X	X	
8	NH2 @ 1'	G	1			X					X		4/8/22		X	X	X	
9	SH1 @ 0'	G	1			X					X		4/8/22		X	X	X	
10	SH1 @ 1'	G	1			X					X		4/8/22		X	X	X	

Relinquished By:	**Date:** 4.8.22	**Received By:**	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1431		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	**Date:**	**Received By:**	**REMARKS:**
	Time:		Please email copy of COC and results to pm@etechenv.com.

Delivered By: (Circle One) Sampler - UPS - Bus - Other: -2.9°C / C-0.5°C -3.4°C #113

Sample Condition Cool ☑ Yes ☐ No Intact ☐ Yes ☐ No

CHECKED BY: (Initials) SR

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Kathy Purvis	**P.O. #:**	
Address:	2617 West Marland	**Company**	ConocoPhillips
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Jacqui Harris
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	15864 **Project Owner:** ConocoPhillips	**City:**	
Project Name:	Bevo 11 Federal 004H	**State:** NM **Zip:**	
Project Location:	Rural Lea County, NM	**Phone #:**	
Sampler Name:	Matthew Grieco	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST															
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)													
H221451																													
11	SH2 @ 0'	G	1			X					X		4/8/22		X	X	X												
12	SH2 @ 1'	G	1			X					X		4/8/22		X	X	X												
13	V1 @ 0'	G	1			X					X		4/8/22		X	X	X												
14	V1 @ 1'	G	1			X					X		4/8/22		X	X	X												
15	V2 @ 0'	G	1			X					X		4/8/22		X	X	X												
16	V2 @ 1'	G	1			X					X		4/8/22		X	X	X												
17	V3 @ 0'	G	1			X					X		4/8/22		X	X	X												
18	V3 @ 1'	G	1			X					X		4/8/22		X	X	X												

Relinquished By:	**Date:** 4822	**Received By:**	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1431		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	**Date:**	**Received By:**	**REMARKS:**
	Time:		Please email copy of COC and results to pm@etechenv.com.

Delivered By: (Circle One) Sampler - UPS - Bus - Other: -2.9°C -0.5°C -3.4°C #113

Sample Condition Cool ☑ Yes ☐ No Intact ☐ Yes ☐ No

CHECKED BY: (Initials) SR

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 27, 2022

KATHY PURVIS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BEVO 11 FEDERAL 004H

Enclosed are the results of analyses for samples received by the laboratory on 04/21/22 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: NW 1 (H221647-01)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**12.7**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**12.9**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *101 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *112 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: EW 1 (H221647-02)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	**0.060**	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *93.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *104 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: SW 1 (H221647-03)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *95.6 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *106 %* *59.5-142*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: WW 1 (H221647-04)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**59.5**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**33.5**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *110 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *128 %* *59.5-142*

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 1 @ 3" (H221647-05)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *95.9 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *106 %* *59.5-142*

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 2 @ 3" (H221647-06)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/26/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**1190**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**428**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *101 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *265 %* *59.5-142*

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 3 @ 3" (H221647-07)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**144**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**90.0**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *104 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *127 %* *59.5-142*

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Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 4 @ 3" (H221647-08)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**1110**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**437**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *96.0 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *203 %* *59.5-142*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 5 @ 3" (H221647-09)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**1760**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**652**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *99.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *160 %* *59.5-142*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 6 @ 3" (H221647-10)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**146**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**106**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *93.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *114 %* *59.5-142*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 7 @ 3" (H221647-11)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**725**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**371**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *109 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *211 %* *59.5-142*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 8 @ 3" (H221647-12)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**182**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**138**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *103 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *133 %* *59.5-142*

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Analytical Results For:

Etech Environmental & Safety Solutions
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Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 9 @ 3" (H221647-13)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**127**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**85.8**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *103 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *123 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 10 @ 3'' (H221647-14)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/25/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**248**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**145**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *107 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *148 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 11 @ 3'' (H221647-15)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/26/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**113**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**81.9**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *106 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *127 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 12 @ 3'' (H221647-16)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/26/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**251**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**129**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *108 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *157 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 13 @ 3'' (H221647-17)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.13	106	2.00	6.59	
Toluene*	<0.050	0.050	04/26/2022	ND	2.12	106	2.00	7.17	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	2.11	105	2.00	7.27	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.50	108	6.00	6.79	
Total BTEX	<0.300	0.300	04/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**84.1**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**61.0**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *110 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *132 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	04/21/2022	Sampling Date:	04/19/2022
Reported:	04/27/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FL 14 @ 3'' (H221647-18)

BTEX 8021B mg/kg Analyzed By: MS/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.08	104	2.00	8.35	
Toluene*	<0.050	0.050	04/25/2022	ND	2.09	104	2.00	9.11	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	8.81	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.19	103	6.00	9.04	
Total BTEX	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/25/2022	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	200	99.8	200	14.1	
DRO >C10-C28*	**141**	10.0	04/25/2022	ND	227	114	200	5.31	
EXT DRO >C28-C36	**90.7**	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane *113 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *140 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Kathy Purvis	**P.O. #:**	
Address:	2617 West Marland	**Company**	ConocoPhillips
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Jacqui Harris
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	15864 **Project Owner:** ConocoPhillips	**City:**	
Project Name:	Bevo 11 Federal 004H	**State:** NM **Zip:**	
Project Location:	Rural Lea County, NM	**Phone #:**	
Sampler Name:	Matthew Grieco	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
H221647																	
1	NW1	C	1			X					X		4/19/22		X	X	X
2	EW1	C	1			X					X		4/19/22		X	X	X
3	SW1	C	1			X					X		4/19/22		X	X	X
4	WW1	C	1			X					X		4/19/22		X	X	X
5	FL1 @ 3"	C	1			X					X		4/19/22		X	X	X
6	FL2 @ 3"	C	1			X					X		4/19/22		X	X	X
7	FL3 @ 3"	C	1			X					X		4/19/22		X	X	X
8	FL4 @ 3"	C	1			X					X		4/19/22		X	X	X
9	FL5 @ 3"	C	1			X					X		4/19/22		X	X	X
10	FL6 @ 3"	C	1			X					X		4/19/22		X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 4-21-22	**Received By:**		Phone Result: ☐ Yes ☐ No	Add'l Phone #:
	Time: 1455			Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:	**Date:**	**Received By:**		REMARKS:	
	Time:				

Delivered By: (Circle One) 0.5° C-0.5°C
Sampler - UPS - Bus - Other: 0.0° #113

Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No

CHECKED BY: (Initials) TO

Please email copy of COC and results to pm@etechenv.com.

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	Kathy Purvis	**P.O. #:**	
Address:	2617 West Marland	**Company**	ConocoPhillips
City:	Hobbs **State:** NM **Zip:** 88240	**Attn:**	Jacqui Harris
Phone #:	(575) 264-9884 **Fax #:**	**Address:**	
Project #:	15864 **Project Owner:** ConocoPhillips	**City:**	
Project Name:	Bevo 11 Federal 004H	**State:** NM **Zip:**	
Project Location:	Rural Lea County, NM	**Phone #:**	
Sampler Name:	Matthew Grieco	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST																
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)														
H221647																														
11	FL7 @ 3"	C	1			X					X		4/19/22		X	X	X													
12	FL8 @ 3"	C	1			X					X		4/19/22		X	X	X													
13	FL9 @ 3"	C	1			X					X		4/19/22		X	X	X													
14	FL10 @ 3"	C	1			X					X		4/19/22		X	X	X													
15	FL11 @ 3"	C	1			X					X		4/19/22		X	X	X													
16	FL12 @ 3"	C	1			X					X		4/19/22		X	X	X													
17	FL13 @ 3"	C	1			X					X		4/19/22		X	X	X													
18	FL14 @ 3"	C	1			X					X		4/19/22		X	X	X													

Relinquished By:	Date: 4-21-22	**Received By:**		Phone Result: ☐ Yes ☐ No	Add'l Phone #:
	Time: 1455			Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:	Date:	**Received By:**		REMARKS:	
	Time:				
Delivered By: (Circle One)	0.5° C-0.5°	**Sample Condition** Cool: ☑ Yes ☐ No	Intact: ☑ Yes ☐ No	**CHECKED BY:** (Initials)	Please email copy of COC and results to pm@etechenv.com.
Sampler - UPS - Bus - Other:	0.0° #113			TO	

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 05, 2022

KATHY PURVIS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BEVO 11 FEDERAL 004H

Enclosed are the results of analyses for samples received by the laboratory on 05/04/22 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/04/2022	Sampling Date:	05/03/2022
Reported:	05/05/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: F1 @ 1' (H221864-01)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/04/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/04/2022	ND					

Surrogate: 1-Chlorooctane	*136 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*138 %*	*59.5-142*

Sample ID: F2 @ 1' (H221864-02)

TPH 8015M **mg/kg** **Analyzed By: MS** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/04/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/04/2022	ND					

Surrogate: 1-Chlorooctane	*142 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*145 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/04/2022	Sampling Date:	05/03/2022
Reported:	05/05/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: F3 @ 1' (H221864-03)

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane	*147 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*146 %*	*59.5-142*

Sample ID: F4 @ 1' (H221864-04)

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane	*140 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*138 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/04/2022	Sampling Date:	05/03/2022
Reported:	05/05/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: F5 @ 1' (H221864-05)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane	*131 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*130 %*	*59.5-142*

Sample ID: F6 @ 1' (H221864-06)

TPH 8015M **mg/kg** **Analyzed By: MS** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane	*140 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*139 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/04/2022	Sampling Date:	05/03/2022
Reported:	05/05/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: SSW (H221864-07)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane	*132 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*129 %*	*59.5-142*

Sample ID: ESW (H221864-08)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane	*129 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*134 %*	*59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/04/2022	Sampling Date:	05/03/2022
Reported:	05/05/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: WSW (H221864-09)

TPH 8015M **mg/kg** **Analyzed By: MS** **S-04**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	193	96.3	200	8.05	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	192	96.1	200	0.914	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane	*137 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*137 %*	*59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	K. Purvis	**P.O. #:**	
Address:	~~P.O. Box 301~~ 2617 W Marland	**Company:**	COP
City:	~~Levington~~ Hobbs **State:** NM **Zip:** ~~88260~~ 88240	**Attn:**	Jacqui Harris
Phone #:	(575) 396-2378 **Fax #:** (575) 396-1429	**Address:**	
Project #:	15864 **Project Owner:** ConocoPhillips	**City:**	
Project Name:	Beno 11 Fed 4	**State:** **Zip:**	
Project Location:	Rural Lea	**Phone #:**	
Sampler Name:	Dominic Casarez	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
H221864																	
1	F1 e 1'	C	1			✓					✓		5/3/22			X	
2	F2 e 1'																
3	F3 e 1'																
4	F4 e 1'																
5	F5 e 1'																
6	F6 e 1'																
7	SSW																
8	ESW																
9	WSW																

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 5/3/22 **Time:** 5:00pm	**Received By:**		**Phone Result:** ☐ Yes ☐ No	**Add'l Phone #:**
Relinquished By:	**Date:** 5-4-22 **Time:** 1415	**Received By:**		**Fax Result:** ☐ Yes ☐ No	**Add'l Fax #:**
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	-5.6c C-0.5 -6.1c #113	**Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)**	**REMARKS:** Rush! Please email results to pm@etechenv.com.	

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 09, 2022

KATHY PURVIS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BEVO 11 FEDERAL 004H

Enclosed are the results of analyses for samples received by the laboratory on 05/06/22 11:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/06/2022	Sampling Date:	05/04/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: F7 @ 2' (H221911-01)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane	*101 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*98.9 %*	*59.5-142*

Sample ID: F8 @ 2' (H221911-02)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane	*105 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*103 %*	*59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/06/2022	Sampling Date:	05/04/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: F9 @ 1' (H221911-03)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane	*95.4 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*93.8 %*	*59.5-142*

Sample ID: F10 @ 1' (H221911-04)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane	*101 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*98.9 %*	*59.5-142*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/06/2022	Sampling Date:	05/05/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: F11 @ 1' (H221911-05)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane	*97.4 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*95.3 %*	*59.5-142*

Sample ID: F12 @ 1' (H221911-06)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane	*93.2 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*91.3 %*	*59.5-142*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/06/2022	Sampling Date:	05/05/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: F13 @ 1' (H221911-07)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane	*92.5 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*91.4 %*	*59.5-142*

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/06/2022	Sampling Date:	05/05/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: NSW 1 (H221911-08)

BTEX 8021B mg/kg Analyzed By: MS/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	05/06/2022	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane *94.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *92.0 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/06/2022	Sampling Date:	05/05/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: WSW 2 (H221911-09)

BTEX 8021B mg/kg Analyzed By: MS/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	05/06/2022	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	210	105	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	193	96.3	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane *98.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *94.9 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

1 of

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	K. Purvis	**P.O. #:**	
Address:	~~P.O. Box 301~~ 2617 W Marland	**Company:**	COP
City:	~~Lovington~~ Hobbs **State:** NM **Zip:** ~~88260~~ 88240	**Attn:**	C. Beauvais
Phone #:	(575) 396-2378 **Fax #:** (575) 396-1429	**Address:**	
Project #:	15864 **Project Owner:** COP	**City:**	
Project Name:	Bryo 11 Fed 4	**State:** **Zip:**	
Project Location:	Rural Lea	**Phone #:**	
Sampler Name:	Dominic Casarez	**Fax #:**	

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)											
H221911																												
1	F7 @ 2'	C	1			✓					✓		5/4/22			X												
2	F8 @ 2'												5/4/22															
3	F9 @ 1'												5/4/22															
4	F10 @ 1'												5/4/22															
5	F11 @ 1'												5/5/22															
6	F12 @ 1'												5/5/22															
7	F13 @ 1'												5/5/22															
8	NSW 1												5/5/22		X	X	X											
9	WSW 2												5/5/22		X	X	X											

Relinquished By:	**Date:** 5/6/22	**Received By:**	Phone Result: ☐ Yes ☐ No	Add'l Phone #:	
	Time: 5:45		Fax Result: ☐ Yes ☐ No	Add'l Fax #:	
Relinquished By:	**Date:** 5.6.22	**Received By:**	REMARKS: RUSH!		
	Time: 7:12	S Rodriguez	Please email results to pm@etechenv.com.		

Delivered By: (Circle One) Sampler - UPS - Bus - Other: -4.6°C/-0.5°C -5.1°C #113

Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No

CHECKED BY: (Initials) SR

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 10, 2022

KATHY PURVIS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BEVO 11 FEDERAL 004H

Enclosed are the results of analyses for samples received by the laboratory on 05/09/22 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/09/2022	Sampling Date:	05/06/2022
Reported:	05/10/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: F14 @ 1' (H221953-01)

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.4	200	3.25	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	192	95.8	200	7.79	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					

Surrogate: 1-Chlorooctane	*118 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*118 %*	*59.5-142*

Sample ID: ESW 2 (H221953-02)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.13	107	2.00	2.21	
Toluene*	<0.050	0.050	05/10/2022	ND	2.08	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.05	102	2.00	2.13	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.31	105	6.00	1.01	
Total BTEX	<0.300	0.300	05/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID	*103 %*	*69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/10/2022	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
KATHY PURVIS
2617 W MARLAND
HOBBS NM, 88240
Fax To:

Received:	05/09/2022	Sampling Date:	05/06/2022
Reported:	05/10/2022	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL 004H	Sampling Condition:	Cool & Intact
Project Number:	15864	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

Sample ID: ESW 2 (H221953-02)

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	191	95.7	200	3.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	199	99.6	200	6.13	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					

Surrogate: 1-Chlorooctane	*84.8 %*	*66.9-136*
Surrogate: 1-Chlorooctadecane	*98.8 %*	*59.5-142*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Etech Environmental & Safety Solutions, Inc.	**BILL TO**	
Project Manager:	K. Purvis	**P.O. #:**	
Address:	~~P.O. Box 301~~ 2617 W Marland	**Company:**	COP
City:	~~Lovington~~ Hobbs **State:** NM **Zip:** ~~88260~~ 88240	**Attn:**	Jacqui Harris
Phone #:	(575) 396-2378 **Fax #:** (575) 396-1429	**Address:**	
Project #:	15864 **Project Owner:** COP	**City:**	
Project Name:	Bennett Fed 4H	**State:** **Zip:**	
Project Location:	Rural Lea	**Phone #:**	
Sampler Name:	Dominic Casarez	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST														
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)												
4221953																												
1	FS1@1'	C	1			✓					✓		5/6/22			X												
2	FSW2	C	1			✓					✓				X	X	X											

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 5/6/22 **Time:** 5:00pm	**Received By:**	
Relinquished By:	**Date:** 5-9-22 **Time:** 1630	**Received By:**	Rodriguez

Delivered By: (Circle One) 4.9°C C-0.5°C
Sampler - UPS - Bus - Other: 4.4°C #113

Sample Condition Cool: ☐ Yes ☐ No Intact: ☑ Yes ☐ No
CHECKED BY: (Initials) SR

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS: Rush!

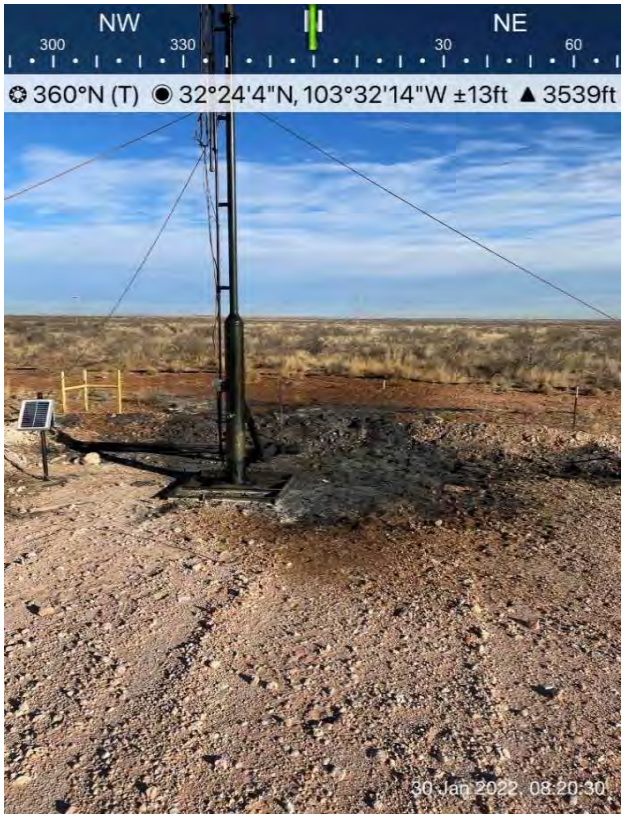
Please email results to pm@etechenv.com.

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Appendix D
Photographic Log

Photographic Log

Photo Number: 1 **Photo Direction:** West-Northwest **Photo Description:** View of the affected area.	
Photo Number: 2 **Photo Direction:** North **Photo Description:** View of the affected area.	

Photographic Log

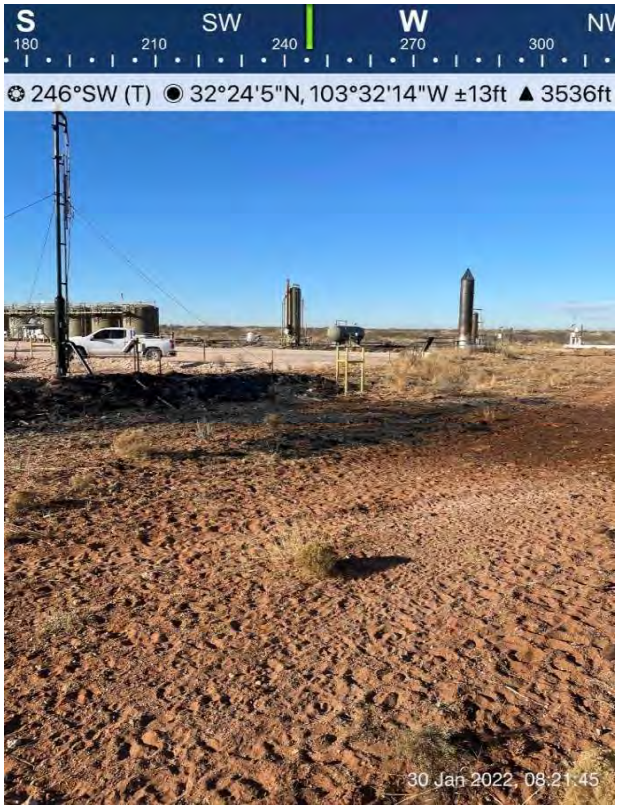
Photo Number: 3	
Photo Direction: Southwest	
Photo Description: View of the affected area.	

Photo Number: 4	
Photo Direction: North	
Photo Description: View of the scraped area.	

Photographic Log

Photo Number: 5 **Photo Direction:** West **Photo Description:** View of the scraped area.	
Photo Number: 6 **Photo Direction:** South **Photo Description:** View of the excavated area.	

Photographic Log

Photo Number: 7	
Photo Direction: North	
Photo Description: View of the excavated area.	

Photo Number: 8	
Photo Direction: East-Southeast	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 9 **Photo Direction:** Southeast **Photo Description:** View of the excavated area.	

Photo Number: 10 **Photo Direction:** Northwest **Photo Description:** View of the remediated area after backfilling and regrading.	

Photographic Log

Photo Number: 11	
Photo Direction: North-Northeast	
Photo Description: View of the remediated area after backfilling and regrading.	

Photo Number: 12	
Photo Direction: Northeast	
Photo Description: View of the remediated area after backfilling and regrading.	

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 118322

COMMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 118322
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	Missing initial C-141 pagesw	6/21/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 118322

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 118322
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please note that the depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. However, since site was remediated to the strictest criteria, closure is approved.	6/22/2022