Received by OCD: 6/17/2022 9:43:34 AM Form C-141 State of New Mexico

Oil Conservation Division

	Page 1 of 1	11
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?	<u>380</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🖌 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🖌 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🖌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🖌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🖌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🖌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🖌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🖌 No
Did the release impact areas not on an exploration, development, production, or storage site?	🖌 Yes 🗌 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ✓ Field data

Page 3

- Data table of soil contaminant concentration data
- \checkmark Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-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.

Received by OCD: 6/17/2	2022 9:43:34 AM State of New Mexico			Page 2 d				
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age 4	Oil Conservation Division			District RP				
				Facility ID				
				Application ID				
public health or the enviro failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name: Jacqui Signature:	The required to report and/or file certain release no comment. The acceptance of a C-141 report by the tigate and remediate contamination that pose a th e of a C-141 report does not relieve the operator of Harris	OCD does reat to grou f responsib 	not relieve the ndwater, surfa ility for compl	operator of liability sho ce water, human health iance with any other fed nental Engineer	ould their operations have or the environment. In			
OCD Only Received by:			Date:					

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Oil Conservation Division

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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: Jacque Acorio 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. Title: Environmental Specialist A

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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

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:

		Locatio	n of Release So	ource	
Latitude:	32.40111		Longitude:		-103.537220
		Provided	I GPS are in WGS84 form	nat.	
Site Name:	Bevo 11 Federa	l 004H	Site Type:		Tank Battery
Date Release Discover	red: 1/	30/2022	API # (if appli	cable):	N/A
Unit Letter Se	ection T	ownship	Range	County	
"P"	11	228	33E	Lea	
Surface Owner: S	tate X Federal		Private (Na		
X Crude Oil	Volume Relea	used (bbls)	1	Volume Recov	vered (bbls) 0
Produced Water	Volume Relea	used (bbls)		Volume Recov	vered (bbls)
			issolved solids > 10,000 mg/L?	Yes [No X N/A
Condensate	Volume Relea	used (bbls)		Volume Recov	vered (bbls)
Natural Gas	Volume Relea	used (Mcf)		Volume Recov	vered (Mcf)
Other (describe)	Volume/Weigh	nt Released		Volume/Weigh	t Recovered
	tanding liquid. D	uring initial re-	sponse activities, v		id was recovered due to the vily saturated soil was
		In	itial Response		
X The source of the	release has been s	stopped.			
X The impacted are	a has been secured	l to protect hum	an health and the e	nvironment.	
X Release materials	have been contain	ned via the use of	of berms or dikes, a	bsorbent pad, or oth	ner containment devices
X All free liquids ar	nd recoverable ma	terials have bee	n removed and mar	aged 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 halfmile 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*‡
	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
380'	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 than the laboratory MDL (EW1, SW1, and FL1 @ 3") to 2,412 mg/kg (FL5 @ 3"). Chloride 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 FL1 @ 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)

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Figure 1 Topographic Map

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Figure 2 Aerial Proximity Map

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Figure 3 Site & Sample Location Map



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Table 1Concentrations of BTEX, TPH & Chloride in Soil

	Table 1											
			Conce				Chloride in	Soil				
					nocoPhilli		•					
					evo 11 Feo							
				NMOCI	D Ref. #: n	APP2204	742524	-	1	-		
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	20,000	
NMOCI	Reclamation	Standard		10	50	-	-	-	-	100	600	
				SW 840	5 8021B		SW	846 8015M	Ext.		4500 Cl	
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀	DRO C ₁₀ -C ₂₈	GRO + DRO C ₆ -C ₂₈	ORO C ₂₈ -C ₃₆	ТРН С ₆ -С ₃₆	Chloride (mg/kg)	
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
	1				Delineatior	· ·	I	1	I	1	1	
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							
NW1	4/19/2022	0-0.25		< 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	

.

	Table 1 Concentrations of BTEX, TPH & Chloride in Soil												
					10coPhillij		•						
					evo 11 Fed								
	<u></u>				D Ref. #: n	APP2204	742524	I	1	I			
	CD Closure C			10	50	-	-	1,000	-	2,500	20,000		
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600		
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	7 846 8015M GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	4500 Cl 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	-		

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Appendix A Depth to Groundwater Information







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(A CT MUUUUU .

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 been rep O=orpha C=the fil closed)	laced, ined,							V 2=NE est to la	3=SW 4=S rgest) (1	E) NAD83 UTM in n	neters)	(In f	eet)	
		POD													
		Sub-	. .	-	Q	-		ar.	р	\$7	*7	D' (D			Vater
POD Number	Code		County	64					0	X	_	DistanceDe		th Water Co	Jumn
<u>CP 00592 POD1</u>		СР	ED		3	2	13	22S	33E	638834	3585015* 🌍	1509	427		
<u>CP 01724 POD1</u>		СР	LE	3	1	1	18	22S	34E	639475	3585260 🌍	1992	1172	800	372
<u>CP 01725 POD1</u>		СР	LE	1	2	1	18	22S	34E	639914	3585521 🌍	2366	1137	800	337
<u>CP 01721 POD1</u>		СР	LE	4	2	1	18	22S	34E	640181	3585244 🌍	2678	1108	820	288
<u>CP 01723 POD1</u>		СР	LE	4	4	1	18	22S	34E	640117	3584905 🌍	2713	1140	785	355
											Avera	ge Depth to Wat	er:	801 fee	et
												Minimum De	pth:	785 fee	et
												Maximum De	pth:	820 fee	et
Record Count: 5															
UTMNAD83 Radius	<u>s Search (i</u>	n meters	<u>):</u>												
Easting (X): 637	7568.92		North	ning	(Y)):	358:	5838.2	3		Radius: 3220				
*UTM location was derived	from PLSS	- see Helj	p												
The data is furnished by the Maccuracy, completeness, reliable	NMOSE/ISC bility, usabilit	and is ac ty, or suita	cepted by th bility for an	ne re ly pa	cipi rticu	ent ılar	with purp	the exp ose of th	essed ur e data.	nderstanding	that the OSE/ISC ma	ake no warranties,	expressed or in	nplied, concern	ning the
4/5/22 7:21 AM												WATER COL	LUMN/ AVER	AGE DEPTH	H TO

WATER COLUMN/ AVERAGE DEPTH TO WATER



		(quarters are 1=NW 2= (quarters are smallest	,	(NAD83 UTM in meters)	
Well Tag	POD Number CP 00592 POD1	Q64 Q16 Q4 Set 3 2 13	8	X Y 638834 3585015* 😜	
Driller Lic Driller Naı		Driller Company:	UNKNOW	Ν	
Drill Start	Date:	Drill Finish Date:		Plug Date:	
Log File D	ate:	PCW Rcv Date:		Source:	Shallow
Pump Type	e:	Pipe Discharge Siz	e:	Estimated Yield:	3 GPM
Casing Siz	e: 6.63	Depth Well:	427 feet	Depth Water:	

*UTM location was derived from PLSS - see Help

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			< 1	ers are 1=				01 - D00 17		
	DOD		(1	ters are si		0	/	· · · · · · · · · · · · · · · · · · ·	TM in meters)	
Well Tag	-	Number	-	Q16 Q4			0	Х	Y	
NA	CP (01721 POD1	4	2 1	18	228	34E	640181	3585244 🧉	
Driller License: 421			Driller	Driller Company: GLENN'S					LL SERVICE	
Driller Na	me:	CORKY GLENN								
Drill Start	Date:	04/07/2019	Drill F	inish D	ate:	0	4/11/20	19 Plu	g Date:	
Log File D	ate:	05/13/2019	PCW	Rcv Da	te:			Sou	irce:	Artesian
Pump Typ	e:		Pipe D	ischarg	ge Siz	e:		Est	imated Yield:	45 GPM
Casing Siz	e:	8.13	Depth	Well:		1	108 feet	t Dej	pth Water:	820 feet
х	Wate	er Bearing Stratific	cations:	1	[op]	Bottom	Desc	ription		
				-	792	823	Sands	stone/Gravel/	Conglomerate	
				8	323	1075	Sand	stone/Gravel/	Conglomerate	
х		Casing Perfo	orations:	1	[op]	Bottom	1			
				-	714	1108	3			

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			(quarte	rs are 1=N	W 2=1	NE 3=S	W 4=SE)			
			(quart	ers are sm	allest t	o larges	t)	(NAD83 U7	M in meters)	
Well Tag	POD	Number	Q64 (Q16 Q4	Sec	Tws	Rng	Х	Y	
NA	CP ()1723 POD1	4	4 1	18	22S	34E	640117	3584905 🌍	
x Driller Lic	ense:	421	Driller	Compa	ny:	GL	ENN'S V	WATER WE	LL SERVICE	
Driller Na	me:	GLENN, CLARI	K A."CORK	Υ"						
Drill Start	Date:	03/31/2019	Drill F	inish Da	te:	0	4/05/201	9 Plu	g Date:	
Log File D	ate:	05/03/2019	PCW F	Rev Date	e:			Sou	irce:	Artesian
Pump Typ	e:		Pipe Di	ischarge	Size	:		Est	imated Yield:	65 GPM
Casing Siz	æ:	8.00	Depth	Well:		1	140 feet	Dej	oth Water:	785 feet
х	Wate	er Bearing Stratif	ications:	То	op E	ottom	Descr	iption		
				76	58	1120	Sands	tone/Gravel/	Conglomerate	
х		Casing Pert	forations:	Тс	op E	Bottom	l			
				70)2	1140				

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			(1	s are 1=N						
				ers are sm		e	<i>,</i>		TM in meters)	
Well Tag	POD	Number	Q64 Q	Q16 Q4	Sec	Tws	Rng	Х	Y	
NA	CP ()1724 POD1	3	1 1	18	22S	34E	639475	3585260 🌍	
x Driller Lic	ense:	421	Driller	Compa	ny:	GL	ENN'S	WATER WE	LL SERVICE	
Driller Nai	me:	GLENN, CLARI	K A."CORKY	Y", CE						
Drill Start	Date:	04/16/2019	Drill Fi	nish Da	te:	0-	4/20/20	19 Plu	ıg Date:	
Log File Da	ate:	05/20/2019	PCW R	cv Date	e:			So	urce:	Artesian
Pump Type	e:		Pipe Dis	scharge	Size	:		Est	imated Yield:	75 GPM
Casing Size	e:	8.00	Depth V	Vell:		1	172 feet	d De	pth Water:	800 feet
X	Wate	er Bearing Stratif	ications:	To	p E	Bottom	Desci	ription		
				79	99	919	Sands	stone/Gravel/	Conglomerate	
				91	9	950	Shale	/Mudstone/S	iltstone	
				95	50	1140	Sands	stone/Gravel/	Conglomerate	
X		Casing Per	forations:	То	op E	Bottom	l			
				75	52	1172				

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			< I	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)) (NAD83 UTM in meters)		
Well Tag	POE) Number	••	Q16 Q4		e	<i>´</i>	X	Ŷ		
NA	CP	01725 POD1	1	2 1	18	22S	34E	639914	3585521 🌍		
Driller Lice	ense:	421	Driller	Compa	ny:	GL	ENN'S	WATER WE	LL SERVICE		
Driller Nar	ne:	GLENN, CLARI	K A."CORK	Y", CE							
Drill Start	Date:	04/24/2019	Drill F	inish Da	te:	0-	4/28/20	19 Pl u	ıg Date:		
Log File Da	ate:	05/25/2019	PCW I	Rev Date	:			So	urce:	Artesian	
Pump Type	e:		Pipe D	ischarge	Size	e:		Est	timated Yield:	75 GPM	
Casing Size	e:	8.00	Depth	Well:		1	137 feet	De	pth Water:	800 feet	
x	Wate	er Bearing Stratif	ications:	То	p E	Bottom	Desci	ription			
				78	39	820	Sands	stone/Gravel	Conglomerate		
				82	20	1010	Sands	stone/Gravel	/Conglomerate		
				101	0	1041	Sands	stone/Gravel/	Conglomerate		
				104	1	1073	Sands	stone/Gravel	/Conglomerate		
				107	'3	1105	Shale	/Mudstone/S	iltstone		
K.		Casing Peri	forations:	To	p E	Bottom					
				71	7	1137					

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Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

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	? \$tatus	? Method of measurement	? Measuring ^{\$} agency	? Source of the source of the	? Water- level approval status
1968-06-10		D	72019	387.08			Р	Z			А
1970-12-04		D	72019	385.19			Р	Z			А
1972-09-21		D	72019	388.35			1	Z			А
1976-12-16		D	72019	388.60			1	Z			А
1981-03-10		D	72019	389.83			1	Z			А
1986-04-10		D	72019	383.14			1	Z			А

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Received by OCD: 6/17/2022 9:43:34 AM

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	? \$tatus	? Method of measurement	? Measuring ^{\$} agency	? Source of measurement	? Water- level approval status
1991-05-03		D	72019	390.28			Р	Z			А
1996-02-20		D	72019	391.13			1	S			А

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	Р	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	А	Approved for publication Processing and review completed.							

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-06-14 16:44:40 EDT 0.37 0.3 nadww01





USGS Water Resources

Data Category:	Geographic Area:	
Groundwater 🗸	United States	GO

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Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

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		C	72019	388.05			Р	Z			А

Received by OCD: 6/17/2022 9:43:34 AM

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	Р	Pumping							
Method of measurement	Z	Other.							
Measuring agency		Not determined							
Source of measurement		Not determined							
Water-level approval status	А	Approved for publication Processing and review completed.							

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Page Contact Information: USGS Water Data Support Team Page Last Modified: 2022-06-14 16:46:12 EDT 0.47 0.3 nadww01 USA.gov

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Appendix B Field Data



Sample Log

Date:

Bevo 11 Federal 004H Project: **Project Number:** Latitude: 32.40111 Longitude: 15864

-103.53722

Sample ID	PID/Odor	Chloride Conc.	GPS
554	NONe	440	
FLICI	norre	391	
FL2@1	NONE	396 352	
FISQI	ARANZ.	352	
FL421	12016	230	
FL4D 1 FL501	None	136	
FL6@1	1101.00		
ESW	110 380	834	
マショ	A NC	138	
FL7@2	NONe	396	
FL R@Z	None	376	
FL 9@1	NOWIE	480	
FLIOCI	nove	352	
WSW2	NONe	216	
FLII @, I	NOMP	488	
CL 201	None	//6	
	_		
1			
		· · · · · · · · · · · · · · · · · · ·	
1			
	_		
	_		
<u><u></u></u>	_		
	- chieven		
Sample Point = SP #1 @ ## etc Floor = FL #1 etc Sidewall = SW #1 etc 5 - 5 - 22 11		Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc	0 1 1	Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Floor = FL #1 etc Sidewall = SW #1 etc 5 - 5 - 22 11	or soil ou	Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Areas
6-6-27/1			
Kec			

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Appendix C Laboratory Analytical Reports


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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.4	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 9	% 59.5-14							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.5	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 @ 0' (H221451-13)

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129 9	% 59.5-14	`						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	127 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.8	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

(575) 393-2326 FAX (575) 393-2	476		-					-					_	_	_	_	Page 1 of 2
	tions	, Ind	с.					1		BI	LL TO	1.1.1	2	_			ANALYSIS REQUEST
er: Kathy Purvis						_	1	P.O.	#:				_				
7 West Marland							0	Com	par	ny	Conoco	Phillips					
State: NM	Zip	: 88	240				1	Attn	:		Jacqui H	lamis					
5) 264-9884 Fax #:							1	Add	ress	5:							
64 Project Owne	r:	Co	noc	p	hillip)S	0	City:							100		
Bevo 11 Federal 004H	-					_	-	State	e:	NM	Zip:				2W)	218	
n: Rural Lea County, NM			_										리		801	80	
Matthew Grieco							-						Ť		H	X	
	T	Г		1	MAT	RIX		-	-	SERV	SAMP	LING	\neg		TP	BTI	
Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	AUDIBASE:	OTHER ;	DATE	TIM	E				
WH1 @ 0'	G	1			X			T	2	x	4/8/22		X		Х	X	
WH1 @ 1'	G	1			X				2	x	4/8/22		X	(X	X	
EH1 @ 0'	G	1			X				12	x	4/8/22		X	(X	X	
EH1 @ 1'	G	1			X	_	_		2	X	4/8/22		X	(Х	X	
NH1 @ 0'	G	1			X	-	-	+	2	x	4/8/22	-	X	(Х	X	
NH1 @ 1'	G	1				_	_	+	1	X	4/8/22		X	(X	X	
NH2 @ 0'	G	1					-		1	X	4/8/22	-	X	(X	X	
NH2 @ 1'	G	1			-	-	-	+	1	X	4/8/22	-	X	(X	X	
	-	1		_			-	+	-+-		4/8/22	-	×	(Х	X	
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	Etech Environmental & Safety Solu Kathy Purvis Vest Marland State: NM Sol 264-9884 Fax #: 64 Project Owne Bevo 11 Federal 004H n: Rural Lea County, NM Matthew Grieco Sample I.D. WH1 @ 0' WH1 @ 0' WH1 @ 1' EH1 @ 0' EH1 @ 1' NH1 @ 0' NH1 @ 1' NH2 @ 0' NH1 @ 1' SH1 @ 0' SH1 @ 0' SH1 @ 1' SH1 @ 0' SH1 SH1 SUN	r: Kathy Purvis 7 West Marland 5) 264-9884 Fax #: 64 Project Owner: Bevo 11 Federal 004H m: n: Rural Lea County, NM Matthew Grieco Official Gradient State WH1 @ 0' G NH1 @ 0' G NH1 @ 0' G NH1 @ 0' G NH2 @ 0' G Shi @ 0' G Shi @ 0' G Shi @ 0' G Shi @ 0' G Mut @ 1' G Mut @ 1' G NH2 @ 1' G Ot readies for heddered to the performance of sectusive remedy for any claim of the readies for heddered to consequential demember of consequentia	Etech Environmental & Safety Solutions, Inv r: Kathy Purvis 7 West Marland State: NM Zip: 88 5) 264-9884 Fax #: 64 Project Owner: Co Bevo 11 Federal 004H n: Rural Lea County, NM Matthew Grieco Sample I.D. Orgon G 1 WH1 @ 0' G 1 WH1 @ 0' G 1 WH1 @ 1' G 1 EH1 @ 1' G 1 NH1 @ 1' G 1 NH1 @ 1' G 1 NH1 @ 1' G 1 NH2 @ 0' G 1 NH2 @ 0' G 1 NH2 @ 0' G 1 NH2 @ 1' G 1 SH1 @ 0' G 1 SH1 @ 0' G 1 SH1 @ 0' G 1 SH1 @ 1' SH1 @ 0' G 1 SH1 @ 0' SH1 & 0' SH1 @ 0' SH1 @ 0' SH1 @ 0' SH1 & 0' SH1	Example I.D. WH1@0' Conserved and Conserve	Example I.D. WH1@0' KH1@0' K	Example I.D. WH1@0' WH1@0' G 1 X WH2@0' G 1 X WH2W WH2W WH2W WH2W WH2W WH2W WH2W WH	Etech Environmental & Safety Solutions, Inc. rr: Kathy Purvis 7 West Marland State: NM Zip: 88240 5) 264-9884 Fax #: 664 Project Owner: ConocoPhillips Bevo 11 Federal 004H m: Rural Lea County, NM Matthew Grieco MATRIX WH1 @ 0' G 1 X WH1 @ 1' G 1 X EH1 @ 0' G 1 X NH1 @ 0' G 1 X NH1 @ 1' G 1 X NH2 @ 0' G 1 X Shill @ 1' G 1 X NH2 @ 1' G 1 X NH2 @ 1' G 1 X NH2 @ 1' G 1 X Shill @ 1' Cordinal based on writing whother based in cording those for magingence and any other cause whotheever shall be deemed write unstanately in whother based in cording those for magingence and any other cause whotheever shall be deemed write unstanately in the shall based in cording the shally and clactrif actrubase memod for any claim a shifting whothet	Etech Environmental & Safety Solutions, Inc. rr. Kathy Purvis 7 West Marland State: NM Zip: 88240 5) 264-9884 Fax #: 64 Project Owner: 65 Sample I.D. WH1 @ 0' G WH1 @ 1' G 61 X WH1 @ 1' G 61 X WH1 @ 0' G NH2 @ 0' G NH2 @ 1' G <tr< td=""><td>Etech Environmental & Safety Solutions, Inc. P.O. rr. Kathy Purvis P.O. 7 West Marland Com State: NM Zip: 88240 64 Project Owner: 64 Project Owner: 64 Project Owner: 64 Project Owner: 664 Project Owner: 667 Sample I.D. Wathew Grieco Fax WH1 @ 0' G 1 WH1 @ 1' G 1 EH1 @ 1' G 1 NH1 @ 1' G 1 NH1 @ 1' G 1 NH2 @ 0' G 1 SH1 @ 0</td><td>:: Etech Environmental & Safety Solutions, Inc. rr: Kathy Purvis P.O. #: 7 West Marland Compare State: NM Zip: 88240 5) 264-9884 Fax #: 64 Project Owner: 65 Sample I.D. 9 WH1 @ 0' WH1 @ 0' G 1 WH1 @ 0' G 1 WH1 @ 1' G 1 EH1 @ 0' G 1 KH1 @ 0' G 1 NH2 @ 0' G 1 NH2 @ 0' G 1 NH2 @ 1' G 1 SH1 @ 0' G 1 SH1 @ 0' G 1 Y: Date: Time: Hat State Y: Date: Time: Sam</td><td>e: Etech Environmental & Safety Solutions, Inc. P.O. #: r: Kathy Purvis P.O. #: 7 West Marland Company State: NM Zip: 88240 64 Project Owner: ConocoPhillips Bevo 11 Federal 004H State: NM n: Rural Lea County, NM Phone #: Matthew Grieco Fax #: PRESERV WH1 @ 0' G 1 X X NH1 @ 0' G 1 X X NH1 @ 0' G 1 X X NH1 @ 0' G 1 X X</td><td>Bill TO Bill TO r: Kathy Purvis P.O. #: 7 West Marland Company Conocc State: NM Zip: 88240 Attn: Jacqui H 5) 264-9884 Fax #: Address: Address: 64 Project Owner: ConocoPhillips City: Bevo 11 Federal 004H State: NM Zip: n: Rural Lea County, NM Phone #: Matthew Grieco Fax #: MATRIX PRESERV Sample I.D. Sample VOID State: NM Zip: DATE WH1 @ 0' G 1 X X 4/8/22 SH1 @ 1' G 1<</td><td>Etech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips State: NM Zip: 88240 Attn: Jacqui Harris 64 Project Owner: ConcooPhillips City: Bevo 11 Federal 004H State: NM Zip: 64 Project Owner: ConcooPhillips City: Bevo 11 Federal 004H State: NM Zip: n: Rural Lea County, NM Phone #: Fax #: Phone #: Fax #: DATE TIMI WH1 @ 0' G 1 X X 4/8/22 DATE TIMI WH1 @ 0' G 1 X X 4/8/22 EH1 @ 0' DATE TIMI WH1 @ 0' G 1 X X 4/8/22 IM MATRIX Y Bever A/8/22 EH1 @ 0' DATE TIMI WH1 @ 0' G 1 X X 4/8/22 IM A/8/22 IM IM A/8/22 IM A/8/22 IM A/8/22 IM</td><td>Etech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConocoPhillips 84 Project Owner: ConocoPhillips 64 Project Owner: ConocoPhillips 66 Fax #: Matrix Matthew Grieco Fax #: Fax #: 6000 WH1 @ 0' G 1 X 4/8/22 > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > ><!--</td--><td>Etech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips 84 Project Owner: ConcooPhillips 64 Project Owner: ConcooPhillips 66 Project Owner: ConcooPhillips 67 Wathew Grieco Fax #: Matthew Grieco Fax #: Address: 60 WH1 @ 0' G 1 X 70 G 1 X 4/8/22 X WH1 @ 0' G 1 X 4/8/22 X NH1 @ 0' G 1 X 4/8/22 X</td><td>Elech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips 3 State: NM Zip: 88240 Attn:: Jacqui Harris 64 Project Owner: ConcooPhillips City: Bevo 11 Federal 004H State: NM r: Richard County, NM Phone #: Fax #: Address: Fax #: Fax #: Matthew Grieco Fax #: Mattrix PRESERV SAMPLING WH1 @ 0' G 1 X X 4/8/22 X WH1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X NH1 @ 1' G 1 X X 4/8/22 X X NH1 @ 1' G 1 X X 4/8/22 X X NH1 @ 0' G 1 X X 4/8/22 X X NH1 @ 0'<td>Elech Environmental & Safety Solutions, Inc. 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P.O. #: r: Kathy Purvis P.O. #: 7 West Marland Company State: NM Zip: 88240 64 Project Owner: ConocoPhillips Bevo 11 Federal 004H State: NM n: Rural Lea County, NM Phone #: Matthew Grieco Fax #: PRESERV WH1 @ 0' G 1 X X NH1 @ 0' G 1 X X NH1 @ 0' G 1 X X NH1 @ 0' G 1 X X	Bill TO Bill TO r: Kathy Purvis P.O. #: 7 West Marland Company Conocc State: NM Zip: 88240 Attn: Jacqui H 5) 264-9884 Fax #: Address: Address: 64 Project Owner: ConocoPhillips City: Bevo 11 Federal 004H State: NM Zip: n: Rural Lea County, NM Phone #: Matthew Grieco Fax #: MATRIX PRESERV Sample I.D. Sample VOID State: NM Zip: DATE WH1 @ 0' G 1 X X 4/8/22 SH1 @ 1' G 1<	Etech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips State: NM Zip: 88240 Attn: Jacqui Harris 64 Project Owner: ConcooPhillips City: Bevo 11 Federal 004H State: NM Zip: 64 Project Owner: ConcooPhillips City: Bevo 11 Federal 004H State: NM Zip: n: Rural Lea County, NM Phone #: Fax #: Phone #: Fax #: DATE TIMI WH1 @ 0' G 1 X X 4/8/22 DATE TIMI WH1 @ 0' G 1 X X 4/8/22 EH1 @ 0' DATE TIMI WH1 @ 0' G 1 X X 4/8/22 IM MATRIX Y Bever A/8/22 EH1 @ 0' DATE TIMI WH1 @ 0' G 1 X X 4/8/22 IM A/8/22 IM IM A/8/22 IM A/8/22 IM A/8/22 IM	Etech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConocoPhillips 84 Project Owner: ConocoPhillips 64 Project Owner: ConocoPhillips 66 Fax #: Matrix Matthew Grieco Fax #: Fax #: 6000 WH1 @ 0' G 1 X 4/8/22 > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > > WH1 @ 0' G 1 X 4/8/22 > > </td <td>Etech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips 84 Project Owner: ConcooPhillips 64 Project Owner: ConcooPhillips 66 Project Owner: ConcooPhillips 67 Wathew Grieco Fax #: Matthew Grieco Fax #: Address: 60 WH1 @ 0' G 1 X 70 G 1 X 4/8/22 X WH1 @ 0' G 1 X 4/8/22 X NH1 @ 0' G 1 X 4/8/22 X</td> <td>Elech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips 3 State: NM Zip: 88240 Attn:: Jacqui Harris 64 Project Owner: ConcooPhillips City: Bevo 11 Federal 004H State: NM r: Richard County, NM Phone #: Fax #: Address: Fax #: Fax #: Matthew Grieco Fax #: Mattrix PRESERV SAMPLING WH1 @ 0' G 1 X X 4/8/22 X WH1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X NH1 @ 1' G 1 X X 4/8/22 X X NH1 @ 1' G 1 X X 4/8/22 X X NH1 @ 0' G 1 X X 4/8/22 X X NH1 @ 0'<td>Elech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips State: NM Zip: 88240 Attn:: Jacqui Harris 64 Project Owner: ConcooPhillips Matthew Grieco Fax #: Mattrix While @ 0' G I X WH1 @ 0' G I X X WH1 @ 0' G I X X 4/8/22 X X WH1 @ 0' G I X X 4/8/22 X X WH1 @ 0' G I X X 4/8/22 X X NH1 @ 0' G I X X 4/8/22 X X NH1 @ 0' G I X X 4/8/22 X X NH1 @ 0'<!--</td--></td></td>	Etech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips 84 Project Owner: ConcooPhillips 64 Project Owner: ConcooPhillips 66 Project Owner: ConcooPhillips 67 Wathew Grieco Fax #: Matthew Grieco Fax #: Address: 60 WH1 @ 0' G 1 X 70 G 1 X 4/8/22 X WH1 @ 0' G 1 X 4/8/22 X NH1 @ 0' G 1 X 4/8/22 X	Elech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips 3 State: NM Zip: 88240 Attn:: Jacqui Harris 64 Project Owner: ConcooPhillips City: Bevo 11 Federal 004H State: NM r: Richard County, NM Phone #: Fax #: Address: Fax #: Fax #: Matthew Grieco Fax #: Mattrix PRESERV SAMPLING WH1 @ 0' G 1 X X 4/8/22 X WH1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X H1 @ 0' G 1 X X 4/8/22 X X NH1 @ 1' G 1 X X 4/8/22 X X NH1 @ 1' G 1 X X 4/8/22 X X NH1 @ 0' G 1 X X 4/8/22 X X NH1 @ 0' <td>Elech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips State: NM Zip: 88240 Attn:: Jacqui Harris 64 Project Owner: ConcooPhillips Matthew Grieco Fax #: Mattrix While @ 0' G I X WH1 @ 0' G I X X WH1 @ 0' G I X X 4/8/22 X X WH1 @ 0' G I X X 4/8/22 X X WH1 @ 0' G I X X 4/8/22 X X NH1 @ 0' G I X X 4/8/22 X X NH1 @ 0' G I X X 4/8/22 X X NH1 @ 0'<!--</td--></td>	Elech Environmental & Safety Solutions, Inc. BILL TO r: Kathy Purvis P.O. #: 7 West Marland Company ConcooPhillips State: NM Zip: 88240 Attn:: Jacqui Harris 64 Project Owner: ConcooPhillips Matthew Grieco Fax #: Mattrix While @ 0' G I X WH1 @ 0' G I X X WH1 @ 0' G I X X 4/8/22 X X WH1 @ 0' G I X X 4/8/22 X X WH1 @ 0' G I X X 4/8/22 X X NH1 @ 0' G I X X 4/8/22 X X NH1 @ 0' G I X X 4/8/22 X X NH1 @ 0' </td

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0 ARDINAL LABORATORIES 7

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 22 of 22

101 East Marland, Hobbs, NM 88240 (575) 303-2326 EAY (575) 303-2476

	(575) 393-2326 FAX (575) 393-2	476								_	_					Page 2 of 2
Company Name	Etech Environmental & Safety Solu	tions	, Inc	.						BI	LL TO					ANALYSIS REQUEST
Project Manage	er: Kathy Purvis							P.O.	#:							
Address: 261	7 West Marland							Con	npar	ny	Conocof	hillips				
City: Hobbs	State: NM	Zip	: 88	240				Attn	:		Jacqui Ha	unis	1			
Phone #: (57	5) 264-9884 Fax # :							Add	ress	5:			1			
Project #: 158	164 Project Owne	er:	Co	noco	Phill	ips		City	:							
Project Name:	Bevo 11 Federal 004H							Stat	e:	NM	Zip:			EM)	21B	
Project Locatio	n: Rural Lea County, NM							Pho	net	k:			Chloride	TPH (8015M)	BTEX (8021B)	
Sampler Name:	Matthew Grieco		-			-		Fax	#:				- E	H	ă	
FOR LAB USE ONLY		Т	Г		MA	TRI	(-	-	SERV.	SAMPL	ING		1	81	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	OTHER :	DATE	TIME				
1	SH2 @ 0'	G	1		X				1	X	4/8/22		X	X	X	
12	SH2 @ 1'	G	1		X					X	4/8/22		х	X	X	
13	V1 @ 0'	G	1		X				1	X	4/8/22		X	X	X	
14	V1 @ 1'	G	1		X				1	X	4/8/22		X	X	X	
15	V2 @ 0'	G	1		X				1	X	4/8/22		X	X	X	
14	V2 @ 1'	G	1		X	-			1	x	4/8/22		X	X	X	
17	V3 @ 0'	G	1		X	-			1	X	4/8/22		X	X	X	
18	V3 @ 1'	G	1	\vdash	X	-		-	-	×	4/8/22	-	X	X	X	
analyses, All claims includ service. In no event shall G additions or successors with Relinquished B Relinquished B Delivered By	The Time: 1431	Re 5°C	d weik ut limit d, rega ecei	ed unless atton, but refless of ved B ved B	whethe	in well therrup r such	ng and tions, is claim i claim i nditi	inecaive one of a is based	ed by C me, or <u>5 upon</u>	Cardinal v loss of pr any of th A	within 30 days all rollis incurred by	er completion of client, its subeidi easons or otherw Phone Re Fax Resu REMARK	he applica vies, <u>se</u> esult: ilt: S:		<u>es</u>	No Add'l Phone #: No Add'l Fax #: C and results to pm@etechenv.com.

Received by OCD: 6/17/2022 9:43:34 AM

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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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	128 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	265 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	203 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	160 9	% 59.5-14	2						

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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 6 @ 3" (H221647-10)

BTEX 8021B	mg/	/kg	Analyze	d 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	% 69.9-14	0						
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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	211 9	59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	133	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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 9 @ 3" (H221647-13)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 69.9-14	0						
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	Analyze	d 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	123 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


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	Analyze	d 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 %		% 69.9-14	0							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6							
Surrogate: 1-Chlorooctadecane	148 9	% 59.5-14	2							

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Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0							
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6							
Surrogate: 1-Chlorooctadecane	127	% 59.5-14	2							

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	/26/2022 ND						
Surrogate: 4-Bromofluorobenzene (PID 104 %		% 69.9-14	0							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 66.9-13	6							
Surrogate: 1-Chlorooctadecane	157 9	% 59.5-14	2							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane 132 % 59.5-142		2							

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS/					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	2022 ND		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		% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	140 \$	59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 (575) 393-2326 EAX (575) 393-2476

	(575) 393-2326 FAX (575) 393-2	2476					_			_			_		_	Page 1 of 2
Company Name	e: Etech Environmental & Safety Sol	utions	s, Inc	.		_				BI	LL TO					ANALYSIS REQUEST
Project Manage	er: Kathy Purvis							P.0	. #:							
Address: 261	17 West Marland							Company ConocoPhillips								
City: Hobbs	State: NM	Zip	: 88	240				Attn: Jacqui Harris								
Phone #: (57	5) 264-9884 Fax #:							Add	ress	5:						
Project #: 158	864 Project Own	er:	Co	посо	Phill	lips		City:						1		
Project Name:	Bevo 11 Federal 004H							Stat	e:	NM	Zip:			2W	218	
Project Locatio	m: Rural Lea County, NM						-	-	ne #				Chloride	TPH (8015M)	BTEX (8021B)	
Sampler Name:	Matthew Grieco					-	-	Fax					Ť	E	EX	
FOR LAB USE ONLY	1	T			MA	TRI	X	-		SERV.	SAMPL	ING	ľ	₽	BT	
Lab I.D. HZZ1647	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	OTHER :	DATE	TIME				
(INW1	С	1		X				2	K	4/19/22		X	X	X	
2	EW1	С	1		X)	K	4/19/22		X	X	X	
3	SW1	С	1		X				2	K	4/19/22		X	X	X	
4	WW1	C	1		X				2	K	4/19/22		X	X	X	
5	FL1 @ 3"	С	1		X				2	K	4/19/22	-	X	X	X	
6	FL2 @ 3"	С	1		X				2	K	4/19/22		X	X	X	
	FL3 @ 3"	C	1		X	-			12	K	4/19/22	-	X	X	X	
	F ⁻ L4 @ 3"	С	1		X				2	K	4/19/22		X	X	X	
9	FL5 @ 3"	C	-		X	+				K	4/19/22		X	X	X	
10	FL6 @ 3" nó Damages. Cardinal's liebility and client's exclusive remedy for	C			X	-			100	K	4/19/22		X	X	X	
Relinquished By	Time: 155	Re Re	ut limits i, repair eceiv	red B ved B ved B	inees in whether y:		nditi	on on		HECK	rallis incurred by	clent, in subsidi as ons or otherw IPhone Re IFax Resu IREMARK	ries, se. isult: it: S:		25 🗆	No Add'l Phone #: No Add'l Fax #: C and results to pm@etechenv.com.

Page 79 of 111

Page 80 of 111 ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name	: Etech Environmental & Safety So	2476 lutions	s, Inc	C.			Т		B	ILL TO	1				Page 2 of 2 ANALYSIS REQUEST
Project Manage							7	P.O.							
Address: 261	7 West Marland						1	Com	pany	Conocol	Phillins	1			
City: Hobbs	State: NM	Zin	: 88	240									100		
	5) 264-9884 Fax #:						-	Attn:		Jacqui Ha	ims				
Project #: 158			Co	noco	Dhill	line	-	Addr	855:			1			
		HUT:	~	HIULL	7-11m	uha		City:					E	â	
	Bevo 11 Federal 004H						- 5	State	: NM	Zip:		8	151	021	
	n: Rural Lea County, NM						F	hon	e #:			Chloride	8	8	
Sampler Name:	Matthew Grieco	-	-	-			_	ax	-	1		ō	TPH (8015M)	BTEX (8021B)	
H221647	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER		TRIX		ACID/BASE:	ICE / COOL		TIME				
//	FL7 @ 3"	C	1		X			T	X	4/19/22		X	X	X	
	FL8 @ 3"	C	1		X				X	4/19/22		X	X	X	
13	FL9 @ 3"	С	1		X				X	4/19/22		X	X	X	
14	FL10 @ 3"	С	1		X				X	4/19/22		X	X	X	
15	FL11 @ 3"	С	1		X				X	4/19/22		X	X	X	
	FL12 @ 3"	C	1		X				X	4/19/22		X	X	X	
	FL13 @ 3"	С	1		X			1	X	4/19/22	-	X	X	X	
[8	FL14 @ 3"	c	1	$\left \right $	X	$\left \right $	-	+	X	4/19/22		X	X	x	
advess. At claims includin innice. In no event whall Ce lines or successors and Relinquished By Relinquished By Delivered By:	Time:	the disense ling without constitution Re	d water at timita 1. rugn eceiv	ed unless stion, but referess of ved E ved E	ample	in writing terruptic r such c r such c r such c r such c r such c r such c	and runs, loan laim is l dittio	celved a of use based u	by Cendinal , or loss of p pon any of t	within 30 days allo rollis incurred by	er completion of il client, ils subsidie Sons or otherwis Phone Re Fax Resul REMARKS	ne applicat ies, ie. suit: tt: S:	□ Ye □ Ye	<u>s</u>	No Add'I Phone #: No Add'I Fax #: C and results to pm@etechenv.com.



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/ga/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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	138	% 59.5-14	2						

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

TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	145 %	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	146	% 59.5-14	12						

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

TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	138 %	6 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

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

TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	139 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129	% 59.5-14	2						

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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	134 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	137 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 88 of 111 ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Received by OCD: 6/17/2022 9:43:34 AM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 8 of 8

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(575) 393-2326 FAX (575) 393-2476

Company Name		vironmental & Safety Sol	the second s	-	C.			T			BI	LL TO	-				ANALYSIS REQUEST
Project Manage	K.Pu	IVIS .							P.O.	#:						T	
Address: P.O	Box 301 24	217 W Marland							Com	pany	v: (OP,		1	1		
City: Lovingto	(1 1)	State: NM	Zip	: 88	260	88	240		Attn:			quita	lis	1			
Phone #: (575) 396-2378	Fax #: (575)	396-	1429	3			-	Addr			1		1			
Project #: 159	404	Project Own	er: /	m	neni	XII.	15		City:								
Project Name:	ROND II	614		Un	0.001	1000	P	- 1	State			Zip:		1.	W)	18	
Project Location	Pural	Fed 4 Los In Classerez						-	Phon			and the second s		Chloride	TPH (8015M)	BTEX (8021B)	
Sampler Name:	Ammin	in Casarez						-	Fax					Ĕ	H	X	
FOR LAB USE ONLY	Churry.	in lange	T	T	1	M/	TRE	_	-	RESI	ERV.	SAMPL	NG	1	d	BTE	
Lab I.D. Haa1864	Sa	mple I.D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
1	Fle	1	C	1		1	7		T	1		5322		-	X	_	
Z	F2 e	1	T	TT		1			1	1		-190			II	1	
3	£3 e	1,		T													
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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/ga/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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.9	% 59.5-14	2						

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 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.8	% 59.5-14	2						

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

TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.9 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.3	% 59.5-14	2						

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

TPH 8015M	mg/	kg	Analyze	d 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 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.3 %	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.4	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.0	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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										
Analyte	Analyte Result Reporting Limit Analyte ane* <0.050 0.050 05/08/ ne* <0.050 0.050 05/08/ benzene* <0.050 0.050 05/08/ Xylenes* <0.050 0.050 05/08/ BTEX <0.150 0.150 05/08/ gate: 4-Bromofluorobenzene (PID 99.0 % 69.9-140 de, SM4500CI-B mg/kg Malyte Analyte Analyte Result Reporting Limit Analyte	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	% 69.9-14	0									
Chloride, SM4500Cl-B			Analyze	d 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	Analyze	d 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	% 66.9-13	6									
Surrogate: 1-Chlorooctadecane	94.9	% 59.5-14	2									

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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 client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 9 of 9

104

(576) 303 3390 EAV (576) 303 3470

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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/ga/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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	59.5-14	2						

Sample ID: ESW 2 (H221953-02)

BTEX 8021B	mg	/kg	Analyze	d 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	Analyze	d By: GM					
Analyte	Analyte Result Reporting Limit Analyzed Method Blank		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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.8	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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ARDINAL LABORATORIES

Page 102 of 111

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

Company Name:	Etech Environmental & Safety Solu		, Inc	2			T		-	ILL TO						ANALY	SIS	REQU	EST		
Project Manager:	K. HULVIS	7					P.	0.1													
Address: P.O.E	K. Rusvis	L				-		company: COP													
City: Lovington	Hobbs State: NM	Zip:	88	260	88	fO	A	ttn:	97	Jacqui Harris											
Phone #: (575) 396-2378 Fax #: (575) 396-1429			A	ddre	-	1		1													
Project #: 58	4 Project Owne	r: (101	P	and a state particular		Ci	ity:				1									
Project Name:	Sevol Fed 4H						SI	tate:		Zip:			TPH (8015M)	BTEX (8021B)							
Project Location:	hural lea						PI	hone	#:			Chloride	801	803							
Sampler Name:	Sommic Casarez						-	IX #:				È	H	X							
FOR LAB USE ONLY		Π			MAT	RIX		PR	ESERN	SAMP	LING	1	E.	81							
Lab I.D. <i>H3219</i> 53	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER :	ACID/BASE:	ICE / COOL OTHER :	DATE											
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	one for negligence and any other cause whelever shall be at be liable for incidental or consequental demages, including					writing munifor		eived b of use,	or loss of)	i wilkin 30 days at profile incerned by		ive applica ales,	ile .								
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Sampler - UPS - I				1	Yes No	E v	es No	<	S	itials)											
FORM-006 Revision 1.0	† Ca	rdina	al ca	nno	t acce	ept v	erba	l chi	inges	. Please fa	ux written o	change	es to 5	75-39	3-247	5					

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Appendix D Photographic Log













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

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

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

COMMENTS

COMMENTS

Action 118322

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

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CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	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

Action 118322