

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Bish Recycle Facility


Eddy County, New Mexico
Unit Letter "A", Section 25, Township 18 South, Range 29 East
Latitude 32.724299 North, Longitude 104.020938 West
NMOCD Reference No. nAPP2407356057

Prepared By:

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Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Bish Recycle Facility. Details of the release are summarized below:

Location of Release Source				
Latitude: <u>32.724299</u>		Longitude: <u>-104.020938</u>		
Provided GPS are in WGS84 format.				
Site Name: <u>Bish Recycle Facility</u>		Site Type: <u>Tank Battery</u>		
Date Release Discovered: <u>3/5/2024</u>		API # (if applicable): <u>N/A</u>		
Unit Letter	Section	Township	Range	County
"A"	25	18S	29E	Eddy
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Private (Name <u>Steve B. Hanes</u>)				
Nature and Volume of Release				
<input type="checkbox"/> Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)	
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <u>130</u>		Volume Recovered (bbls) <u>85</u>	
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
<input type="checkbox"/> Other (describe)	Volume/Weight Released		Volume/Weight Recovered	
Cause of Release: <u>Equipment failure (transport).</u>				
Initial Response				
<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.				

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 75 and 100 (ft.)
What method was used to determine the depth to groundwater?	Attached Document
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution or church?	> 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between ½ and 1 (mi.)
Any other fresh water well or spring?	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	> 5 (mi.)
A wetland?	Between ½ and 1 (mi.)
A subsurface mine?	Between 1 and 5 (mi.)
A (non-karst) unstable area?	Between ½ and 1 (mi.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Searches of databases maintained by the NMOCD, New Mexico Office of the State Engineer (NMOSE), and United States Geological Survey (USGS) were conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Bish Recycle Facility 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 in Appendix A.

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

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 Bish Recycle Facility release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
Between 75 and 100 (ft.)	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	10,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

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

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

4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	4/30/2024
On what date will (or did) the final sampling or liner inspection occur?	5/9/2024
On what date will (or was) the remediation complete(d)?	5/10/2024
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	27,774
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	1,029
What was the total surface area (sq. ft.) that has or will be remediated?	27,774
What was the total volume (cy) that has or will be remediated?	120
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	Lea Land, Inc.
NMOCD Disposal Facility ID?	fEEM0112342028
Summarize any additional remediation activities not included by answers above.	See below

On April 30, 2024, remediation activities commenced at the Bish Recycle Facility release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria 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 horizontal and vertical 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. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	7,600	FL 57 @ 2"	5/7/2024	0.17	In-Situ
TPH	3,270	FL 58 @ 2"	5/7/2024	0.17	Excavated
GRO+DRO	2,510	FL 58 @ 2"	5/7/2024	0.17	Excavated
BTEX	0.782	FL 72 @ 2"	3/18/2024	0.17	In-Situ
Benzene	0.104	WH 1 @ Surf	4/30/2024	0	In-Situ

Please reference Table 1 for additional information.

On April 30, 2024, Etech advanced a series of 16 hand-augered soil bores (NH 1 through NH 5, EH 1, EH 2, EH 3, SH 1 through SH 5, WH1, WH2, and WH3) along the inferred margins of the release 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 32 delineation soil samples (NH 1 @ Surf, NH 1 @ 1', NH 2 @ Surf, NH 2 @ 1', NH 3 @ Surf, NH 3 @ 1', NH 4 @ Surf, NH 4 @ 1', NH 5 @ Surf, NH 5 @ 1', EH 1 @ Surf, EH 1 @ 1', EH 2 @ Surf, EH 2 @ 1', EH 3 @ Surf, EH 3 @ 1', SH 1 @ Surf, SH 1 @ 1', SH 2 @ Surf, SH 2 @ 1', SH 3 @ Surf, SH 3 @ 1', SH 4 @ Surf, SH 4 @ 1', SH 5 @ Surf, SH 5 @ 1', WH 1 @ Surf, WH 1 @ 1', WH 2 @ Surf, WH 2 @ 1', WH 3 @ Surf, and WH 3 @ 1') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. A review of laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples, and the horizontal extent of impacted soil was adequately defined.

On May 2, 2024, Etech collected 15 confirmation soil samples (FL 1 @ 2" through FL 11 @ 2" and FL 14 @ 2" through FL 17 @ 2") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

On May 6, 2024, Etech collected 27 confirmation soil samples (FL 12 @ 3", FL 13 @ 3", and FL 18 @ 3" through FL 42 @ 2") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples, with the exception of sample FL 42 @ 2", which exceeded the NMOCD Closure Criterion for TPH. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample FL 42 @ 2".

On May 7, 2024, Etech collected 75 confirmation soil samples (FL 43 @ 2" through FL 117 @ 2") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples, with the exception of sample FL 58 @ 2", which exceeded the NMOCD Closure Criterion for TPH. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample FL 58 @ 2".

On May 8, 2024, Etech collected 34 confirmation soil samples (FL 18 @ 2", FL 32 @ 2" through FL 36 @ 2", FL 119 @ 2" through FL 131 @ 2", FL 137 @ 2" through FL 144 @ 2", NW 1, NW 2, EW 1, SW 1, SW 2, WW 1, and WW 2) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

On May 9, 2024, Etech collected two (2) confirmation soil samples (FL 42 @ 6" and FL 58 @ 6") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 412 feet in length, 16 to 126 feet in width, and two (2) to six (6) inches in depth. During the course of remediation activities, Etech transported approximately 120 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 100 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

The extent of the excavated area and the locations of the confirmation soil samples and hand-augered soil bores are depicted in Figure 3, "Sample Location Map". Soil chemistry data is summarized in Table 1. General photographs of the site are provided in Appendix B. Field data is provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
What was the total surface area (sq. ft.) remediated?	27,774	
What was the total volume (cy) remediated?	120	

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria 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.

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

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a reclamation approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a restoration complete approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What was the total surface area (sq. ft.) reclaimed?	0	
What was the total volume (cy) reclaimed?	0	

The release was limited to the production pad of an active tank battery and did not impact the adjacent pasture. 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 compacted and contoured to fit the needs of the facility. Final reclamation and revegetation will be conducted upon decommissioning and abandonment of the tank battery.

7.0 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 referenced 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 Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

8.0 DISTRIBUTION

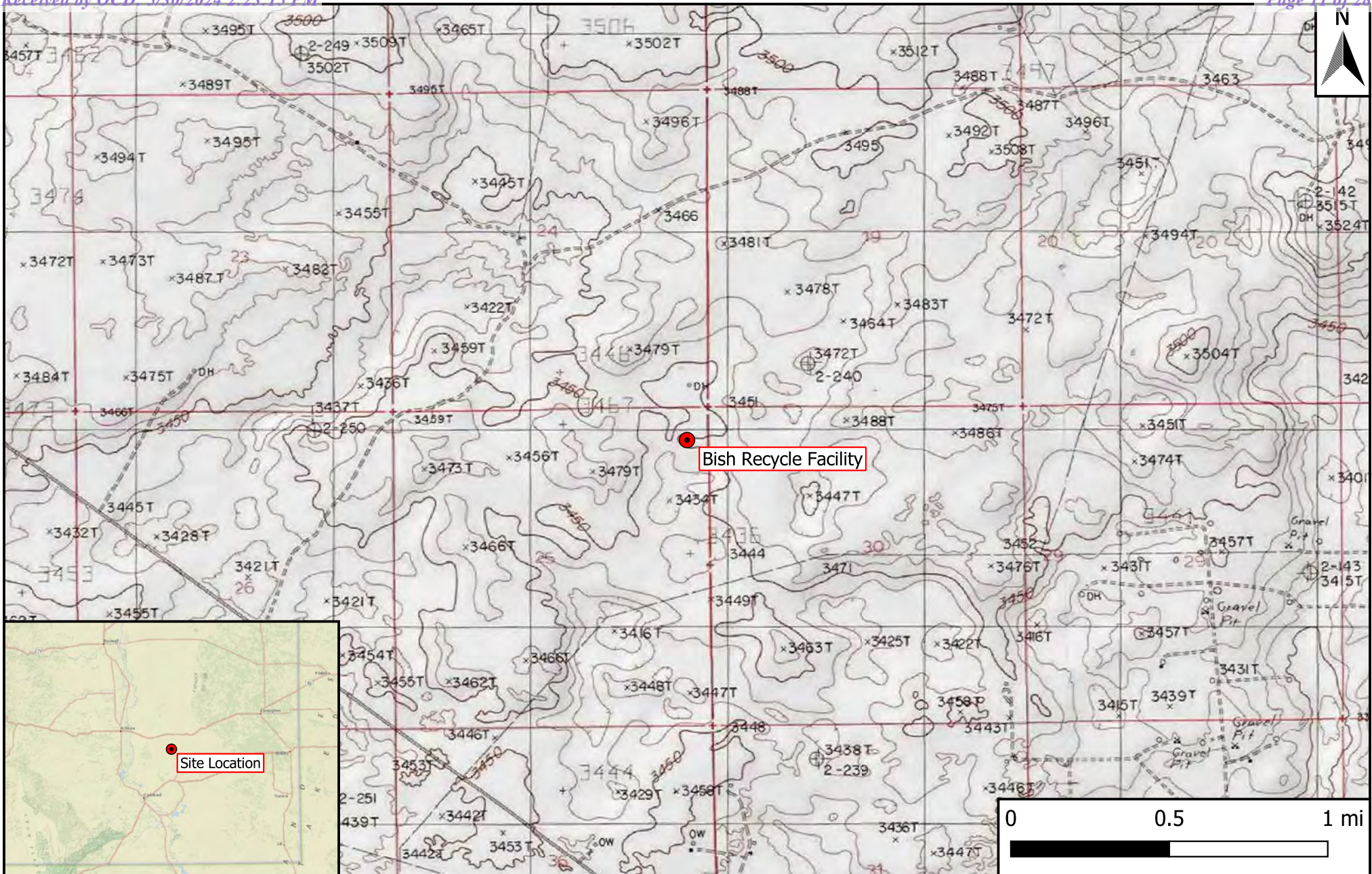
Mewbourne Oil Company
4801 Business Park Blvd.
Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, NM 88210

United States Department of the Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220

(Electronic Submission)

Figure 1 Site Location Map



Legend
 ● Site Location

Figure 1
 Site Location Map
 Mewbourne Oil Company
 Bish Recycle Facility
 GPS: 32.724299, -104.020938
 Eddy County, New Mexico



Figures 2A & 2B

Site Characterization Maps

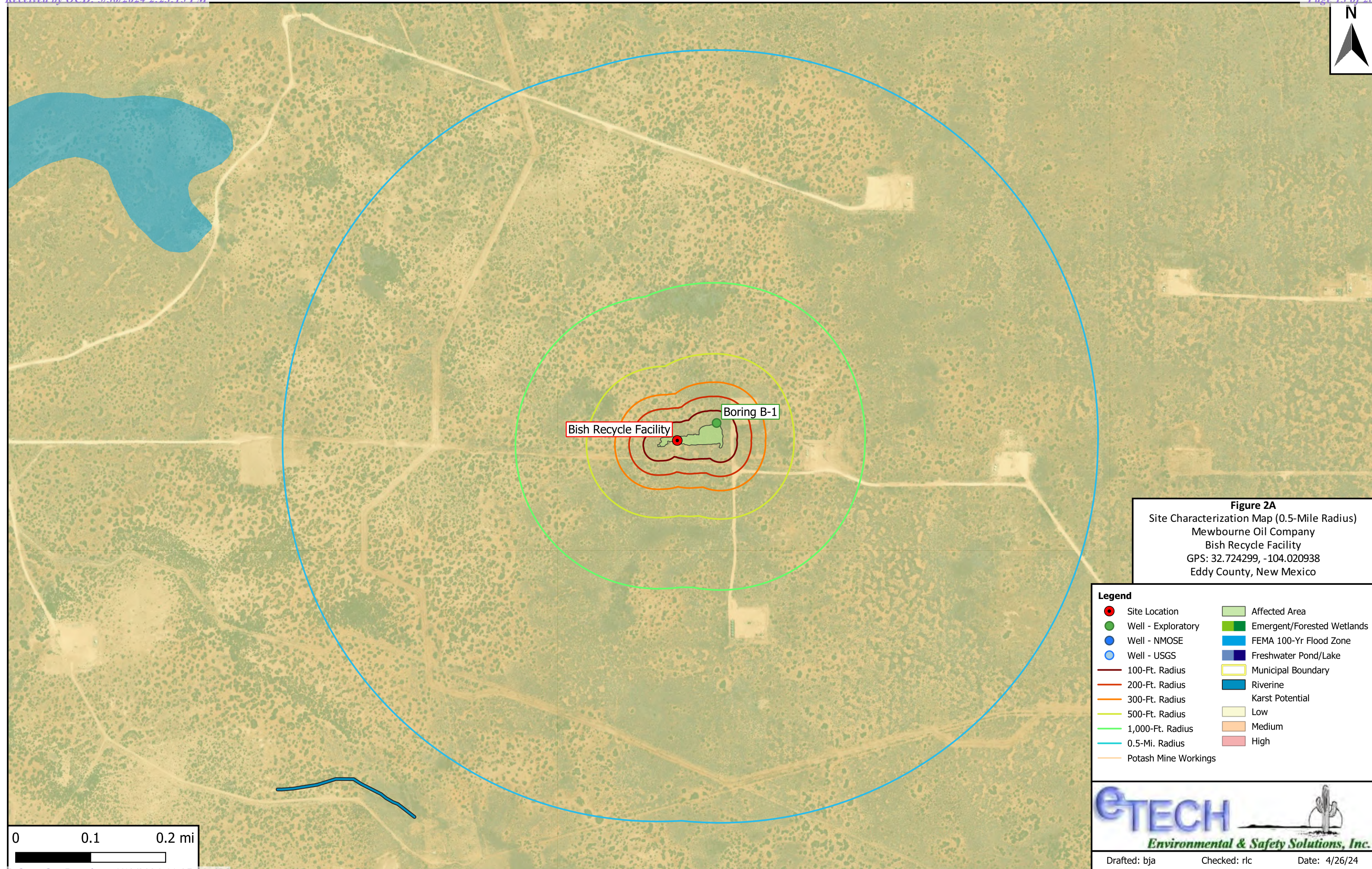
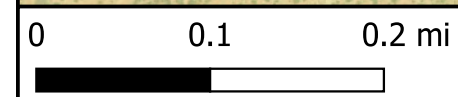
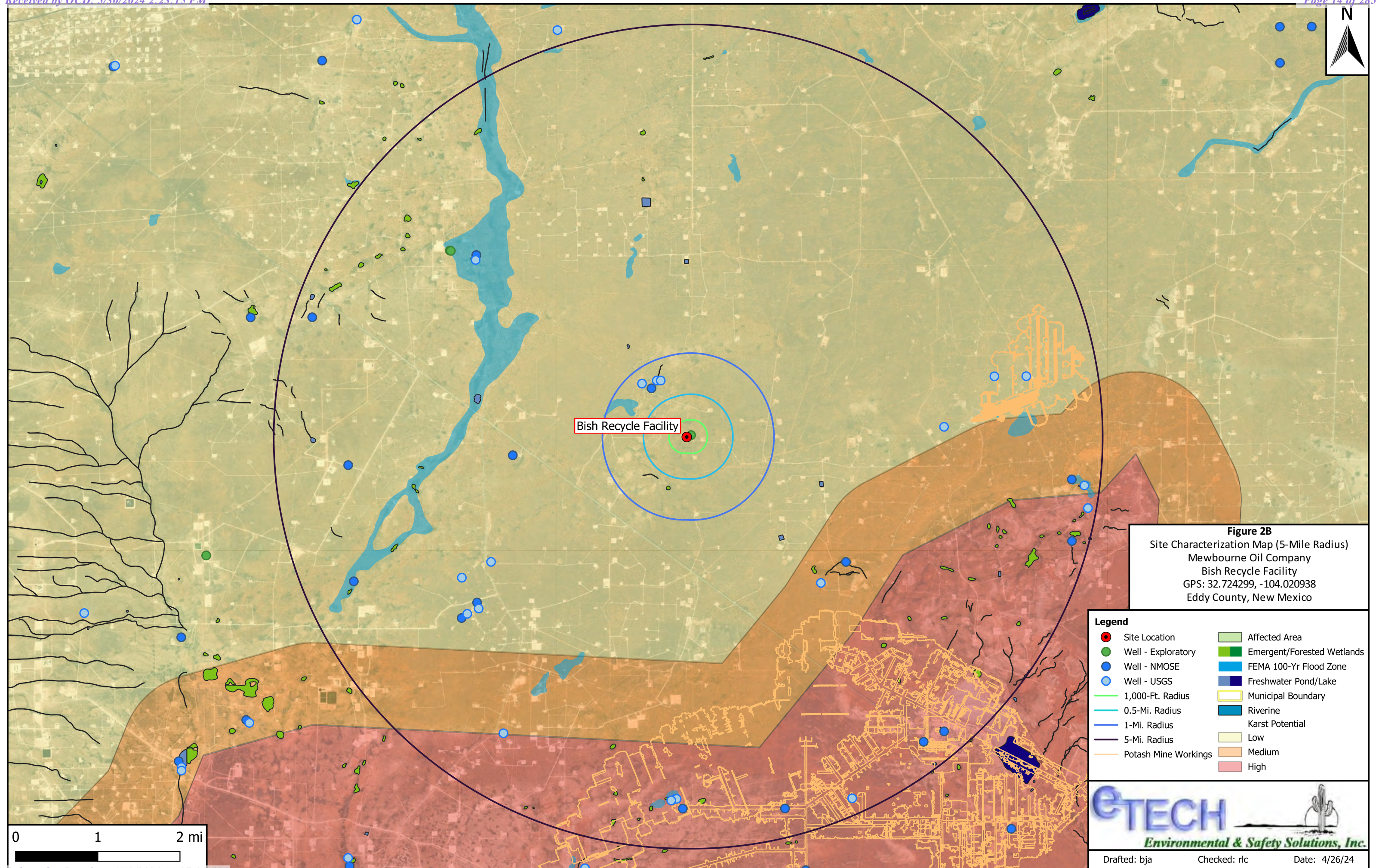


Figure 2A
 Site Characterization Map (0.5-Mile Radius)
 Mewbourne Oil Company
 Bish Recycle Facility
 GPS: 32.724299, -104.020938
 Eddy County, New Mexico

- Legend**
- Site Location
 - Well - Exploratory
 - Well - NMOSE
 - Well - USGS
 - 100-Ft. Radius
 - 200-Ft. Radius
 - 300-Ft. Radius
 - 500-Ft. Radius
 - 1,000-Ft. Radius
 - 0.5-Mi. Radius
 - Potash Mine Workings
 - Affected Area
 - Emergent/Forested Wetlands
 - FEMA 100-Yr Flood Zone
 - Freshwater Pond/Lake
 - Municipal Boundary
 - Riverine
 - Karst Potential
 - Low
 - Medium
 - High



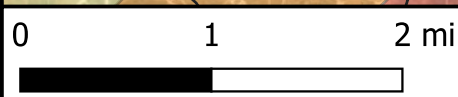
Drafted: bja Checked: rlc Date: 4/26/24



Bish Recycle Facility

Figure 2B
 Site Characterization Map (5-Mile Radius)
 Mewbourne Oil Company
 Bish Recycle Facility
 GPS: 32.724299, -104.020938
 Eddy County, New Mexico

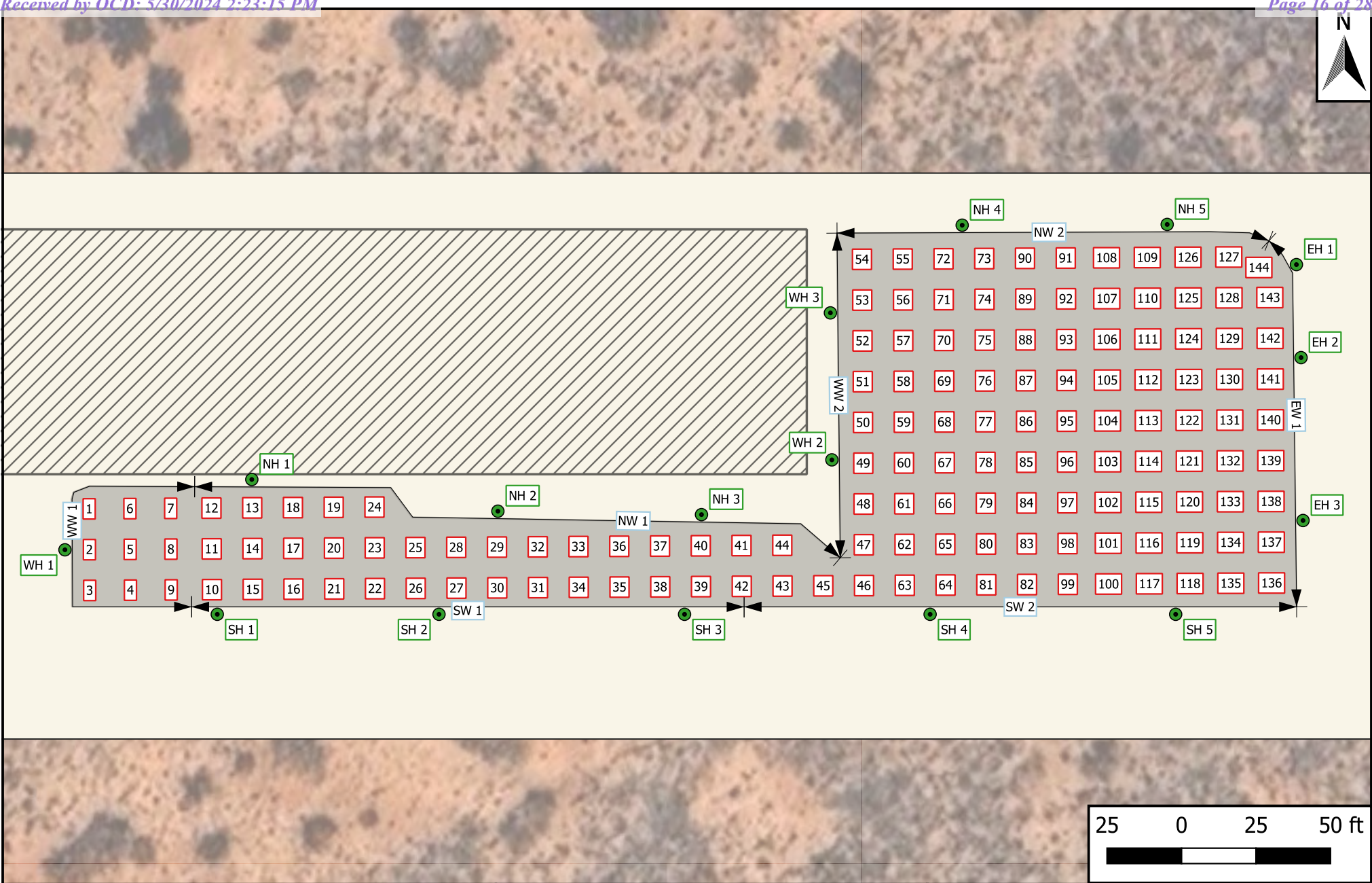
- Legend**
- Site Location
 - Well - Exploratory
 - Well - NMOSE
 - Well - USGS
 - 1,000-Ft. Radius
 - 0.5-Mi. Radius
 - 1-Mi. Radius
 - 5-Mi. Radius
 - Potash Mine Workings
 - Affected Area
 - Emergent/Forested Wetlands
 - FEMA 100-Yr Flood Zone
 - Freshwater Pond/Lake
 - Municipal Boundary
 - Riverine
 - Karst Potential
 - Low
 - Medium
 - High



ETECH
 Environmental & Safety Solutions, Inc.

Drafted: bja Checked: rlc Date: 4/26/24

Figure 3 Sample Location Map



Legend	
	Caliche Pad/Road
	Composite Floor Sample
	Excavation Extent
	Composite Wall Sample
	Tank Battery
	Delineation Sample Location

Figure 3
 Sample Location Map
 Mewbourne Oil Company
 Bish Recycle Facility
 GPS: 32.724299, -104.020938
 Eddy County, New Mexico



Drafted: bja

Checked: rlc

Date: 5/29/24

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Bish Recycle Facility NMOCD Ref. #: nAPP2407356057											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	10,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Delineation Samples											
NH 1 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH 1 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NH 2 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
NH 2 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH 3 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	69.8	69.8	<10.0	69.8	272
NH 3 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NH 4 @ Surf	4/30/2024	0	In-Situ	0.0550	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
NH 4 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NH 5 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
NH 5 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EH 1 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 1 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 2 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH 2 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 3 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EH 3 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SH 1 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH 1 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 2 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SH 2 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SH 3 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH 3 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 4 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH 4 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH 5 @ Surf	4/30/2024	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SH 5 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH 1 @ Surf	4/30/2024	0	In-Situ	0.104	0.360	<10.0	<10.0	<20.0	<10.0	<30.0	112
WH 1 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH 2 @ Surf	4/30/2024	0	In-Situ	0.0860	0.552	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH 2 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH 3 @ Surf	4/30/2024	0	In-Situ	0.0560	0.394	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WH 3 @ 1'	4/30/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
Excavation Samples											
FL 1 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,640
FL 2 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL 3 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880
FL 4 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,200
FL 5 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL 6 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560
FL 7 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
FL 8 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,200
FL 9 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,240
FL 10 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080

Dash (-): Sample not analyzed for that constituent.
 Bold: NMOCD Closure Criteria exceedance.
 Red: NMOCD Reclamation Standard exceedance.
 Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Bish Recycle Facility NMOCD Ref. #: nAPP2407356057											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	10,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B			SW 846 8015M Ext.				4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 11 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320
FL 12 @ 3"	5/6/2024	0.25	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,400
FL 13 @ 3"	5/6/2024	0.25	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,100
FL 14 @ 2"	5/2/2024	0.17	In-Situ	<0.050	0.475	<10.0	18.9	18.9	<10.0	18.9	3,920
FL 15 @ 2"	5/2/2024	0.17	In-Situ	<0.050	0.580	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
FL 16 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FL 17 @ 2"	5/2/2024	0.17	In-Situ	<0.050	<0.300	<10.0	120	120	33.5	154	6,800
FL 18 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360
FL 18 @ 3"	5/6/2024	0.25	In-Situ	<0.050	<0.300	<10.0	37.2	37.2	<10.0	37.2	2,600
FL 19 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	266	266	164	430	4,800
FL 20 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	135	135	46.8	182	640
FL 21 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 22 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 23 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	270	270	94.1	364	1,390
FL 24 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	26.1	26.1	<10.0	26.1	7,040
FL 25 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,520
FL 26 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 27 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	29.6	29.6	<10.0	29.6	1,390
FL 28 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	244	244	81.7	326	1,470
FL 29 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	69.9	69.9	19.7	89.6	2,280
FL 30 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	37.3	37.3	11.8	49.1	3,080
FL 31 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
FL 32 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 32 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL 33 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	20.7	20.7	<10.0	20.7	2,720
FL 33 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	13.2	13.2	<10.0	13.2	704
FL 34 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	15.9	15.9	<10.0	15.9	2,880
FL 34 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070
FL 35 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	18.0	18.0	<10.0	18.0	688
FL 35 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070
FL 36 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	72.5	72.5	15.1	87.6	5,600
FL 36 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 37 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360
FL 38 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	25.6	25.6	<10.0	25.6	2,720
FL 39 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	58.9	58.9	15.2	74.1	2,110
FL 40 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 41 @ 2"	5/6/2024	0.17	In-Situ	<0.050	<0.300	<10.0	12.7	12.7	<10.0	12.7	4,400
FL 42 @ 2"	5/6/2024	0.17	Excavated	<0.050	<0.300	<10.0	1,310	1,310	1,290	2,600	5,120
FL 42 @ 6"	5/9/2024	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 43 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	32.0	32.0	<10.0	32.0	2,040
FL 44 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	112	112	58.3	170	2,640
FL 45 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL 46 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	46.2	46.2	15.1	61.3	3,240
FL 47 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	77.3	77.3	23.9	101	2,640

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Bish Recycle Facility NMOCD Ref. #: nAPP2407356057												
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	10,000	
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600	
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B			SW 846 8015M Ext.				4500 Cl	
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
FL 48 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	177	177	97.3	274	5,200	
FL 49 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	311	311	218	529	4,480	
FL 50 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624	
FL 51 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	140	140	75.7	216	1,410	
FL 52 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	27.3	27.3	<10.0	27.3	1,570	
FL 53 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	11.8	11.8	<10.0	11.8	1,310	
FL 54 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	41.6	41.6	15.2	56.8	1,040	
FL 55 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	52.6	52.6	31.3	83.9	640	
FL 56 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	443	443	428	871	1,070	
FL 57 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	477	477	365	842	7,600	
FL 58 @ 2"	5/7/2024	0.17	Excavated	<0.050	<0.300	<10.0	2,510	2,510	755	3,270	4,800	
FL 58 @ 6"	5/9/2024	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FL 59 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	130	130	81.5	212	1,650	
FL 60 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	225	225	147	372	7,360	
FL 61 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	57.0	57.0	32.6	89.6	2,600	
FL 62 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	65.5	65.5	21.4	86.9	2,600	
FL 63 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	51.3	51.3	24.1	75.4	3,920	
FL 64 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	73.3	73.3	28.2	102	4,400	
FL 65 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	70.2	70.2	28.9	99.1	2,640	
FL 66 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	32.3	32.3	<10.0	32.3	4,080	
FL 67 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	116	116	38.4	154	3,000	
FL 68 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	142	142	71.6	214	2,360	
FL 69 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	143	143	58.4	201	1,710	
FL 70 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	10.0	10.0	<10.0	10.0	4,600	
FL 71 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	966	966	375	1,340	1,330	
FL 72 @ 2"	5/7/2024	0.17	In-Situ	<0.050	0.782	<10.0	116	116	75.6	192	976	
FL 73 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	141	141	92.1	233	1,100	
FL 74 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	492	492	209	701	1,800	
FL 75 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	202	202	109	311	2,400	
FL 76 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	216	216	114	330	1,730	
FL 77 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	165	165	80.7	246	2,280	
FL 78 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	62.8	62.8	17.9	80.7	2,440	
FL 79 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	80.3	80.3	32.6	113	1,620	
FL 80 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	20.5	20.5	<10.0	20.5	1,280	
FL 81 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	76.0	76.0	25.9	102	3,200	
FL 82 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	44.4	44.4	10.9	55.3	3,600	
FL 83 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FL 84 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	68.8	68.8	24.7	93.5	1,760	
FL 85 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070	
FL 86 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	88.7	88.7	30.9	120	2,120	
FL 87 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	62.7	62.7	29.3	92.0	1,250	
FL 88 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	74.7	74.7	41.1	116	1,540	
FL 89 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	33.9	33.9	12.4	46.3	1,070	
FL 90 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	28.0	28.0	12.2	40.2	864	

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

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Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Bish Recycle Facility NMOCD Ref. #: nAPP2407356057												
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	10,000	
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600	
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B			SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
FL 91 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	25.2	25.2	<10.0	25.2	880	
FL 92 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	18.2	18.2	<10.0	18.2	736	
FL 93 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	57.0	57.0	25.2	82.2	1,140	
FL 94 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	137	137	100	237	1,600	
FL 95 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	84.0	84.0	46.3	130	1,920	
FL 96 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	74.5	74.5	31.5	106	1,580	
FL 97 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	50.3	50.3	20.3	70.6	1,760	
FL 98 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	96.5	96.5	50.7	147	2,160	
FL 99 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	54.0	54.0	22.0	76.0	1,680	
FL 100 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	169	169	101	270	2,680	
FL 101 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	78.1	78.1	42.9	121	1,570	
FL 102 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	137	137	82.5	220	1,890	
FL 103 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	387	387	181	568	1,730	
FL 104 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	36.0	36.0	10.0	46.0	1,420	
FL 105 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	30.4	30.4	<10.0	30.4	864	
FL 106 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	20.7	20.7	<10.0	20.7	768	
FL 107 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	21.1	21.1	<10.0	21.1	800	
FL 108 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	56.2	56.2	21.7	77.9	768	
FL 109 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	713	713	499	1,210	544	
FL 110 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	30.0	30.0	<10.0	30.0	720	
FL 111 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	32.7	32.7	<10.0	32.7	1,100	
FL 112 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	56.8	56.8	21.2	78.0	1,090	
FL 113 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	33.2	33.2	<10.0	33.2	1,200	
FL 114 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	30.6	30.6	<10.0	30.6	960	
FL 115 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	46.4	46.4	10.5	56.9	2,160	
FL 116 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	28.1	28.1	<10.0	28.1	1,330	
FL 117 @ 2"	5/7/2024	0.17	In-Situ	<0.050	<0.300	<10.0	14.6	14.6	<10.0	14.6	768	
FL 119 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,650	
FL 120 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	13.8	13.8	<10.0	13.8	2,160	
FL 121 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090	
FL 122 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400	
FL 123 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560	
FL 124 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496	
FL 125 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880	
FL 126 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480	
FL 127 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	27.9	27.9	<10.0	27.9	864	
FL 128 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	323	323	103	426	2,360	
FL 129 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	57.4	57.4	20.8	78.2	1,700	
FL 130 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	10.3	10.3	<10.0	10.3	1,420	
FL 131 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928	
FL 137 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816	
FL 138 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	768	
FL 139 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010	
FL 140 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	17.4	17.4	10.1	27.5	1,200	

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

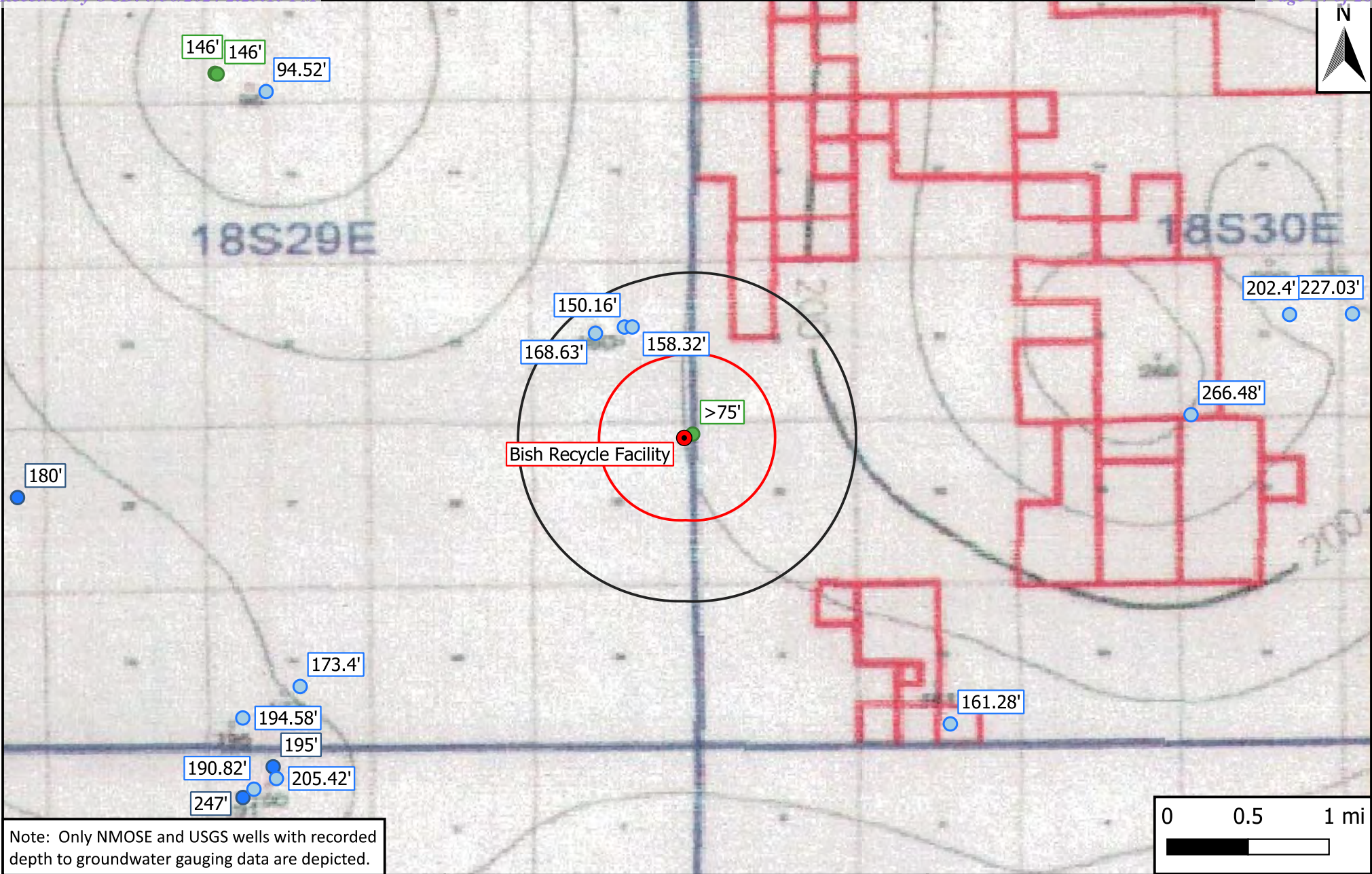
Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Bish Recycle Facility NMOCD Ref. #: nAPP2407356057											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	10,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 141 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FL 142 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 143 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 144 @ 2"	5/8/2024	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
NW 1	5/8/2024	0-0.25	In-Situ	<0.050	<0.300	<10.0	663	663	646	1,310	2,480
NW 2	5/8/2024	0-0.17	In-Situ	<0.050	<0.300	<10.0	33.0	33.0	13.0	46.0	816
EW 1	5/8/2024	0-0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
SW 1	5/8/2024	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
SW 2	5/8/2024	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	720
WW 1	5/8/2024	0-0.17	In-Situ	<0.050	<0.300	<10.0	71.9	71.9	17.0	88.9	2,350
WW 2	5/8/2024	0-0.17	In-Situ	<0.050	<0.300	<10.0	71.1	71.1	22.9	94.0	1,470

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
 Red Border with Shading: Highest observed concentration.

Appendix A

Depth to Groundwater Information



Note: Only NMOSE and USGS wells with recorded depth to groundwater gauging data are depicted.

- Legend
- Site Location
 - Well - Exploratory
 - Well - NMOSE
 - Well - USGS
 - 0.5-Mile Radius
 - 1-Mile Radius

Figure 4
 Inferred Depth to Groundwater Map
 Mewbourne Oil Company
 Bish Recycle Facility
 GPS: 32.724299, -104.020938
 Eddy County, New Mexico



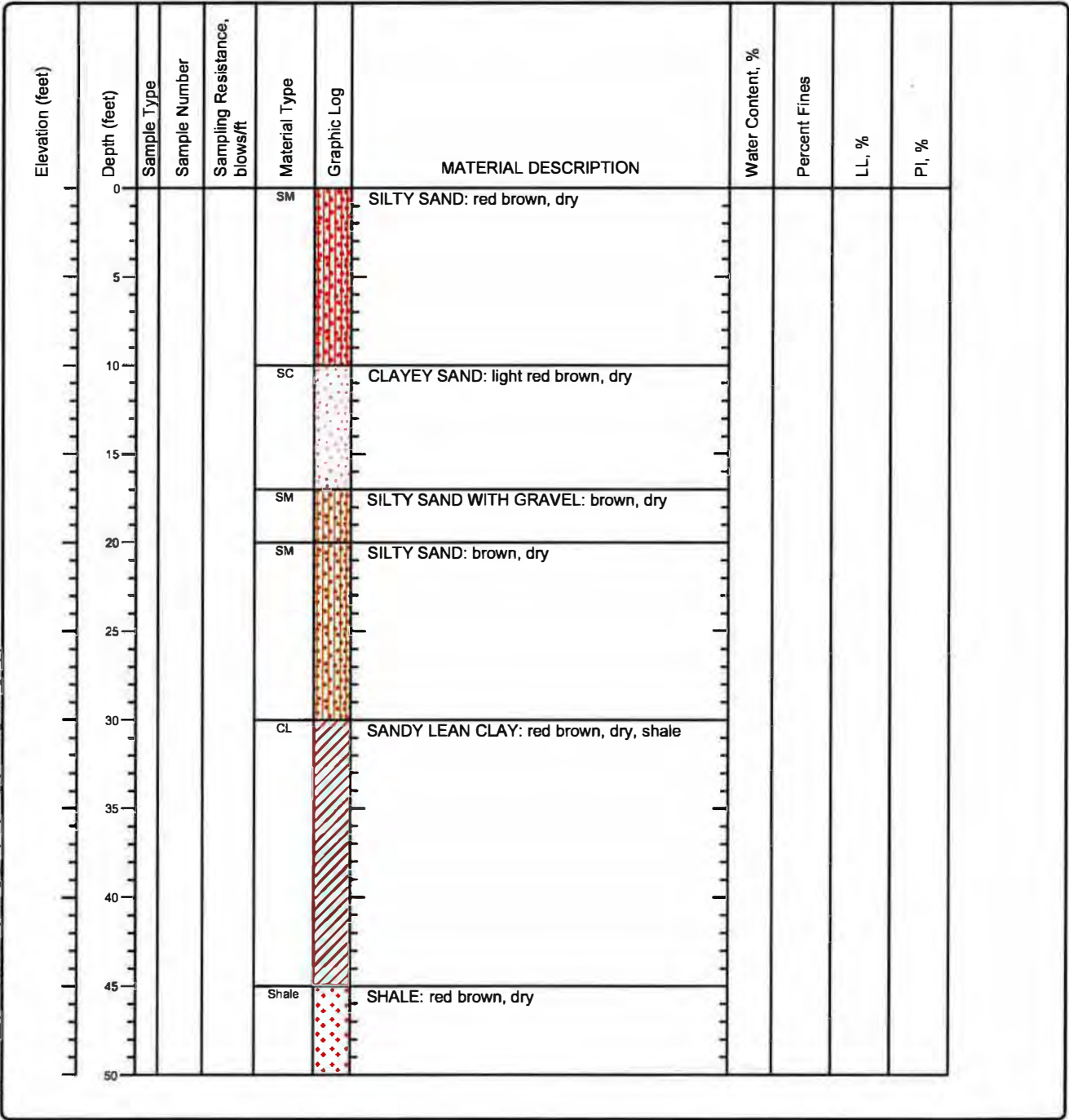
Drafted: bja

Checked: rlc

Date: 4/23/24

Project: Loco Hills South Recycling Facility Project Location: 32.724636, -104.020036, Highway 360, Eddy County, NM Project Number: 4223124	Log of Boring B-1 Sheet 1 of 2
--	---


Date(s) Drilled: 10-10-23	Logged By: COZ	Checked By: COZ
Drilling Method: hollow-stem auger	Drill Bit Size/Type:	Total Depth of Borehole: 75 feet bgs
Drill Rig Type: CME-75	Drilling Contractor: Southlands	Approximate Surface Elevation:
Groundwater Level and Date Measured: not encountered	Sampling Method(s):	Hammer Data:
Borehole Backfill: cuttings	Location: see boring plan	



C:\Users\the\OneDrive\LocalTemp\borings_temp\mp\file_bgs\COZ_Engineering_1.jpg

Project: **Loco Hills South Recycling Facility**
 Project Location: **32.724636, -104.020036, Highway 360, Eddy County, NM**
 Project Number: **4223124**

Log of Boring B-1
Sheet 2 of 2

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	Material Type	Graphic Log	MATERIAL DESCRIPTION	Water Content, %	Percent Fines	LL, %	PI, %
50					Shale		SHALE: red brown, dry				
55											
60											
65											
70											
75							Bottom of Boring				
80											
85											
90											
95											
100											

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	basin	County	POD Sub-	Q	Q	Q	64	16	4	Sec	Tws	Rng	X	Y	Distance	Depth	Well	Depth	Water Column
CP 00582 POD1		CP	ED					24	18S	29E				591048	3622096*	1177		150		

Average Depth to Water: --
Minimum Depth: --
Maximum Depth: --

Record Count: 1

UTM NAD83 Radius Search (in meters):

Easting (X): 591745.15

Northing (Y): 3621147.15

Radius: 1610

*UTM location was derived from PLSS - see Help

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

5/29/24 10:46 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)	
		(quarters are smallest to largest)	(NAD83 UTM in meters)
Well Tag	POD Number	Q64 Q16 Q4 Sec Tws Rng	X Y
	CP 00582 POD1	24 18S 29E	591048 3622096*

Driller License: 122		Driller Company: UNKNOWN	
Driller Name:			
Drill Start Date:		Drill Finish Date:	
Log File Date:		PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size: 6.00		Depth Well: 150 feet	
		Plug Date:	
		Source: Shallow	
		Estimated Yield: 4 GPM	
		Depth Water:	

*UTM location was derived from PLSS - see Help

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

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Data Category: Groundwater Geographic Area: United States GO

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
• 324403104013301

Minimum number of levels = 1

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

USGS 324403104013301 18S.29E.24.23314

Eddy County, New Mexico
Latitude 32°44'03", Longitude 104°01'33" NAD27
Land-surface elevation 3,446 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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[Tab-separated data](#)
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[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
1950-04-28		D	72019	158.32			P	Z			A

Explanation

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

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Agency code = usgs

site_no list =
• 324403104013601

Minimum number of levels = 1

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USGS 324403104013601 18S.29E.24.23313

Eddy County, New Mexico

Latitude 32°44'03", Longitude 104°01'36" NAD27

Land-surface elevation 3,443 feet above NAVD88

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

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

Output formats

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

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1965-12-20			D	72019	147.54		P	Z			A
1968-03-08			D	72019	160.70		P	Z			A
1971-04-08			D	72019	160.20		P	Z			A
1976-05-28			D	72019	145.98		1	Z			A
1983-04-12			D	72019	155.85		1	Z			A
1986-06-03			D	72019	162.09		1	S			A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1990-09-19		D	72019	153.24			1	S			A
1994-03-11		D	72019	174.41			1	S			A
1994-03-30		D	72019	150.16			1	S			A

Explanation

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

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324402104014701

Minimum number of levels = 1

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USGS 324402104014701 18S.29E.24.14413

Eddy County, New Mexico

Latitude 32°44'01.5", Longitude 104°01'48.9" NAD83

Land-surface elevation 3,441 feet above NAVD88

The depth of the well is 202.00 feet below land surface.

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

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

Output formats

[Table of data](#)

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Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1994-03-30		D	72019	159.96				S			A
2015-12-16	17:30 UTC	m	72019	168.63			1	S	USGS	S	A

Explanation

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

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Appendix B

Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: Northwest	
Photo Description: View of the affected area.	

Photo Number: 2	
Photo Direction: North-Northeast	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 3	 <p>05Mar24 10:10 MOC Bish Pond Artesia NM 88210, United States © 05-Mar-24 10:10:32</p>
Photo Direction: North	
Photo Description: View of the affected area.	

Photo Number: 4	 <p>05Mar24 10:22 MOC Bish Pond Artesia NM 88210, United States © 05-Mar-24 10:22:52</p>
Photo Direction: East	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 5	
Photo Direction: East-Southeast	
Coordinates: 32.724341,-104.021019	
Date Taken: 5/6/2024	
Photo Description: View of the excavated area.	

Photo Number: 6	
Photo Direction: North	
Coordinates: 32.724224,-104.020966	
Date Taken: 5/6/2024	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 7	
Photo Direction: Southeast	
Coordinates: 32.724341,-104.021019	
Date Taken: 5/6/2024	
Photo Description: View of the excavated area.	

Photo Number: 8	 <p>May 8, 2024 at 11:33:42 AM Artesia NM 88210 United States</p>
Photo Direction: Southeast	
Coordinates: 32.724357,-104.020873	
Photo Description: View of the remediated area after backfill and regrading.	

Photographic Log

Photo Number: 9	 <p>May 8, 2024 at 11:35:58 AM Artesia NM 88210 United States</p>
Photo Direction: Northeast	
Coordinates: 32.724159,-104.019758	
Photo Description: View of the remediated area after backfill and regrading.	

Photo Number: 10	 <p>May 8, 2024 at 11:50:34 AM Artesia NM 88210 United States</p>
Photo Direction: East	
Coordinates: 32.724318,-104.021351	
Photo Description: View of the remediated area after backfill and regrading.	

Appendix C

Field Data



Sample Log

Date: _____

Project: BISH Pona

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
WH1 at Surf	None	2.0 $49 \times 4 = 194$	
WH1 at 1ft	None	1.0 Non Detect	
WH2 at Surf	None	2.0 $49 \times 4 = 194$	
WH2 at 1ft	None	1.0 Non Detect	
WH3 at Surf	None	2.4 $65 \times 4 = 260$	
WH3 at 1ft	None	2.0 $49 \times 4 = 194$	
SH1 at Surf	None	Non Detect	
SH1 at 1ft	None	2.8 $43 \times 4 = 172$	
SH2 at Surf	None	3.4 $114 \times 4 = 456$	
SH2 at 1ft	H	Non Detect	
SH3 at Surf	—	1.4 $30 \times 4 = 120$	
SH3 at 1ft	—	1.4 $30 \times 4 = 120$	
SH4 at Surf	—	1.0 Non Detect	
SH4 at 1ft	—	Non Detect	
SH5 at Surf	—	1.0 Non Detect	
SH5 at 1ft	—	1.4 $30 \times 4 = 120$	
EH1 at Surf	—	1.0 Non Detect	
EH1 at 1ft	—	Non Detect	
EH2 at Surf	—	1.2 Non Detect	
EH2 at 1ft	—	1.2 Non Detect	
EH3 at Surf	—	1.2 Non Detect	
EH3 at 1ft	—	Non Detect	
NH1 at Surf	—	1.8 $43 \times 4 = 172$	
NH1 at 1ft	—	1.4 $30 \times 4 = 120$	
NH2 at Surf	—	2.0 $49 \times 4 = 196$	
NH2 at 1ft	—	1.2 Non Detect	
NH3 at Surf	—	3.4 $114 \times 4 = 456$	
NH3 at 1ft	—	3.2 $103 \times 4 = 412$	
NH4 at Surf	—	3.4 $114 \times 4 = 456$	
NH4 at 1ft	—	2.0 $49 \times 4 = 196$	
NH5 at Surf	—	3.4 $114 \times 4 = 456$	
NH5 at 1ft	—	1.8 $43 \times 4 = 172$	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Project: *Bish Pond*

Date: _____

Project Number: _____

Latitude: _____

Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-1 @ 2'		7116	
FL-2 @ 2'		3244	
FL-3 @ 2'		4468	
FL-4 @ 2'		3816	
FL-5 @ 2'		6092	
FL-6 @ 2'		6584	
FL-7 @ 2'		3520	
FL-8 @ 2'		4468	
FL-9 @ 2'		3520	
FL-10 @ 2'		2104	
FL-11 @ 2'		4468	
FL-12 @ 2'		12640	
FL-13 @ 2'		15212	
FL-14 @ 2'		4460	
FL-15 @ 2'		1996	
FL-16 @ 2'		1736	
FL-17 @ 2'		9028	
FL-18 @ 2'		10160	
FL-12 @ 3'		2984	
FL-13 @ 3'		1572	
FL-18 @ 3'		2984	
FL-19 @ 2'		5660	
FL-20 @ 2'		1088	
FL-21 @ 2'		1088	
FL-22 @ 2'		1044	
FL-23 @ 2'		1736	
FL-24 @ 2'		6584	
FL-25 @ 2'		6584	
FL-26 @ 2'		1044	
FL-27 @ 2'		1736	
FL-28 @ 2'		1736	
FL-29 @ 2'		2516	
FL-30 @ 2'		2984	
FL-31 @ 2'		3520	
FL-32 @ 2'		1044	
FL-33 @ 2'		2984	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas



Sample Log

Bish Pond

Date: _____

Project: _____
 Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-34 @ 2"		2984	
FL-35 @ 2"		1124	
FL-36 @ 2"		6092	
FL-37 @ 2"		1916	
FL-38 @ 2"		4660	
FL-39 @ 2"		4660	
FL-40 @ 2"		1124	
FL-41 @ 2"		4460	
FL-42 @ 2"		2672	
FL-43 @ 2"		2104	
FL-44 @ 2"		2516	
FL-45 @ 2"		4128	
FL-46 @ 2"		3552	
FL-47 @ 2"		3244	
FL-48 @ 2"		6092	
FL-49 @ 2"		6092	
FL-50 @ 2"		3768	
FL-51 @ 2"		7752	
FL-52 @ 2"		1732	
FL-53 @ 2"		1732	
FL-54 @ 2"		1056	
FL-55 @ 2"		660	
FL-56 @ 2"		1220	
FL-57 @ 2"		7696	
FL-58 @ 2"		4828	
FL-59 @ 2"		1736	
FL-60 @ 2"		7179	
FL-61 @ 2"		6092	
FL-62 @ 2"		2304	
FL-63 @ 2"		2744	
FL-64 @ 2"		3520	
FL-65 @ 2"		2304	
FL-66 @ 2"		3816	
FL-67 @ 2"		2744	
FL-68 @ 2"		2104	
FL-69 @ 2"		1736	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: B. Sh. Penn. Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-70 @ 2"		4468	
FL-71 @ 2"		1220	
FL-72 @ 2"		1072	
FL-73 @ 2"		1312	
FL-74 @ 2"		1732	
FL-75 @ 2"		1992	
FL-76 @ 2"		1992	
FL-77 @ 2"		3244	
FL-78 @ 2"		2480	
FL-79 @ 2"		1732	
FL-80 @ 2"		5604	
FL-81 @ 2"		2744	
FL-82 @ 2"		2744	
FL-83 @ 2"		200	
FL-84 @ 2"		1736	
FL-85 @ 2"		1124	
FL-86 @ 2"		2204	
FL-87 @ 2"		1412	
FL-88 @ 2"		1572	
FL-89 @ 2"		1056	
FL-90 @ 2"		908	
FL-91 @ 2"		1,056	
FL-92 @ 2"		776	
FL-93 @ 2"		1,508	
FL-94 @ 2"		2,140	
FL-95 @ 2"		1,860	
FL-96 @ 2"		1,860	
FL-97 @ 2"		1,616	
FL-98 @ 2"		2,480	
FL-99 @ 2"		1,860	
FL-100 @ 2"		2,983	
FL-101 @ 2"		2,140	
FL-102 @ 2"		900	
FL-103 @ 2"		1,124	
FL-104 @ 2"		1,572	
FL-105 @ 2"		980	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas



34

Sample Log

Project: Bish Pond Date: _____
 Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-106 @ 2"		660	
FL-107 @ 2"		840	
FL-108 @ 2"		908	
FL-109 @ 2"		500	
FL-110 @ 2"		604	
FL-111 @ 2"		1056	
FL-112 @ 2"		1220	
FL-113 @ 2"		1,220	
FL-114 @ 2"		908	
FL-115 @ 2"		1860	
FL-116 @ 2"		1312	
FL-117 @ 2"		776	
FL-118 @ 2"		1408	
FL-119 @ 2"		1312	
FL-120 @ 2"		1616	
FL-121 @ 2"		1220	
FL-122 @ 2"		500	
FL-123 @ 2"		604	
FL-124 @ 2"		552	
FL-125 @ 2"		776	
FL-126 @ 2"		500	
FL-127 @ 2"		908	
FL-128 @ 2"		2476	
FL-129 @ 2"		1616	
FL-130 @ 2"		1312	
FL-131 @ 2"		908	
FL-132 @ 2"		1056	
FL-133 @ 2"		908	
FL-134 @ 2"		1136	
FL-135 @ 2"		1136	
FL-136 @ 2"		660	
FL-137 @ 2"		604	
FL-138 @ 2"		412	
FL-139 @ 2"		908	
FL-140 @ 2"		1312	
FL-141 @ 2"		604	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

65



Sample Log

Date: _____

Project: _____

Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-142 @ 2"		332	
FL-143 @ 2"		604	
FL-144 @ 2"		500	
Sw-1		908	
Sw-2		908	
ww-1		2744	
ww-2		1616	
Ew-1		660	
NW-1		2304	
NW-2		908	

Sample Point = SP #1 @ ## etc Test Trench = TT #1 @ ## Resamples= SP #1 @ 5b or SW #1b
 Floor = FL #1 etc Refusal = SP #1 @ 4'-R Stockpile = Stockpile #1
 Sidewall = SW #1 etc Soil Intended to be Deferred = SP #1 @ 4' In-Situ GPS Sample Points, Center of Comp Areas

Appendix D

Laboratory Analytical Reports



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

May 07, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BISH POND

Enclosed are the results of analyses for samples received by the laboratory on 05/01/24 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 1 @ SURF (H242340-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/03/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/03/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	201	101	200	2.11	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	195	97.6	200	0.916	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 1 @ 1' (H242340-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/03/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/03/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	201	101	200	2.11	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	195	97.6	200	0.916	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 2 @ SURF (H242340-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	0.123	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 2 @ 1' (H242340-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 3 @ SURF (H242340-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	69.8	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 3 @ 1' (H242340-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 4 @ SURF (H242340-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.055	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	0.129	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 4 @ 1' (H242340-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 5 @ SURF (H242340-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	0.110	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NH 5 @ 1' (H242340-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: EH 1 @ SURF (H242340-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	0.097	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: EH 1 @ 1' (H242340-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	400	100	400	7.69	

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	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: EH 2 @ SURF (H242340-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: EH 2 @ 1' (H242340-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: EH 3 @ SURF (H242340-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	0.100	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: EH 3 @ 1' (H242340-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 1 @ SURF (H242340-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	0.087	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 1 @ 1' (H242340-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.04	102	2.00	3.57	
Toluene*	<0.050	0.050	05/04/2024	ND	1.94	96.8	2.00	4.40	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.92	96.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.73	95.5	6.00	5.65	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 2 @ SURF (H242340-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2024	ND	2.01	100	2.00	2.56		
Toluene*	0.089	0.050	05/03/2024	ND	2.06	103	2.00	0.756		
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	2.17	108	2.00	1.41		
Total Xylenes*	<0.150	0.150	05/03/2024	ND	6.47	108	6.00	1.66		
Total BTEX	<0.300	0.300	05/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36		
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51		
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 2 @ 1' (H242340-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2024	ND	2.01	100	2.00	2.56	
Toluene*	<0.050	0.050	05/03/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/03/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 3 @ SURF (H242340-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2024	ND	2.01	100	2.00	2.56		
Toluene*	<0.050	0.050	05/03/2024	ND	2.06	103	2.00	0.756		
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	2.17	108	2.00	1.41		
Total Xylenes*	<0.150	0.150	05/03/2024	ND	6.47	108	6.00	1.66		
Total BTEX	<0.300	0.300	05/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/07/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36		
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51		
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 3 @ 1' (H242340-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2024	ND	2.01	100	2.00	2.56	
Toluene*	<0.050	0.050	05/03/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/03/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	214	107	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	215	107	200	3.51	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 4 @ SURF (H242340-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2024	ND	2.01	100	2.00	2.56	
Toluene*	0.121	0.050	05/03/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/03/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 4 @ 1' (H242340-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2024	ND	2.01	100	2.00	2.56	
Toluene*	<0.050	0.050	05/03/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/03/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 5 @ SURF (H242340-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2024	ND	2.01	100	2.00	2.56	
Toluene*	0.107	0.050	05/03/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/03/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/03/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SH 5 @ 1' (H242340-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.01	100	2.00	2.56	
Toluene*	<0.050	0.050	05/04/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WH 1 @ SURF (H242340-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.104	0.050	05/04/2024	ND	2.01	100	2.00	2.56	
Toluene*	0.256	0.050	05/04/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	6.47	108	6.00	1.66	
Total BTEX	0.360	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WH 1 @ 1' (H242340-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.01	100	2.00	2.56	
Toluene*	0.060	0.050	05/04/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WH 2 @ SURF (H242340-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.086	0.050	05/04/2024	ND	2.01	100	2.00	2.56	
Toluene*	0.314	0.050	05/04/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	0.152	0.150	05/04/2024	ND	6.47	108	6.00	1.66	
Total BTEX	0.552	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WH 2 @ 1' (H242340-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.01	100	2.00	2.56	
Toluene*	0.119	0.050	05/04/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WH 3 @ SURF (H242340-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.056	0.050	05/04/2024	ND	2.01	100	2.00	2.56	
Toluene*	0.202	0.050	05/04/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	6.47	108	6.00	1.66	
Total BTEX	0.394	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/01/2024	Sampling Date:	04/30/2024
Reported:	05/07/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WH 3 @ 1' (H242340-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	2.01	100	2.00	2.56	
Toluene*	<0.050	0.050	05/04/2024	ND	2.06	103	2.00	0.756	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	2.17	108	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	6.47	108	6.00	1.66	
Total BTEX	<0.300	0.300	05/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	197	98.7	200	1.41	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	181	90.6	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																																																																																																																																																									
Project Manager: Lance Crenshaw				P.O. #:				<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																																																																																																																																									
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City: Hobbs		State: NM		Zip: 88240		Attn: Connor Walker																																																																																																																																																																											
Phone #: (575) 264-9884		Fax #:		Address:																																																																																																																																																																													
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Project Name: Bish Pond				State: NM				Zip:																																																																																																																																																																									
Project Location: 32.724299, -104.020938				Phone #:																																																																																																																																																																													
Sampler Name: Aaron Rios				Fax #:																																																																																																																																																																													
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<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																																																																																																																																																																																	
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FORM-006
Revision 1.0

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



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

May 07, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BISH POND

Enclosed are the results of analyses for samples received by the laboratory on 05/02/24 14:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL 1 @ 2"	H242373-01	Soil	02-May-24 00:00	02-May-24 14:37
FL 2 @ 2"	H242373-02	Soil	02-May-24 00:00	02-May-24 14:37
FL 3 @ 2"	H242373-03	Soil	02-May-24 00:00	02-May-24 14:37
FL 4 @ 2"	H242373-04	Soil	02-May-24 00:00	02-May-24 14:37
FL 5 @ 2"	H242373-05	Soil	02-May-24 00:00	02-May-24 14:37
FL 6 @ 2"	H242373-06	Soil	02-May-24 00:00	02-May-24 14:37
FL 7 @ 2"	H242373-07	Soil	02-May-24 00:00	02-May-24 14:37
FL 8 @ 2"	H242373-08	Soil	02-May-24 00:00	02-May-24 14:37
FL 9 @ 2"	H242373-09	Soil	02-May-24 00:00	02-May-24 14:37
FL 10 @ 2"	H242373-10	Soil	02-May-24 00:00	02-May-24 14:37
FL 11 @ 2"	H242373-11	Soil	02-May-24 00:00	02-May-24 14:37
FL 14 @ 2"	H242373-12	Soil	02-May-24 00:00	02-May-24 14:37
FL 15 @ 2"	H242373-13	Soil	02-May-24 00:00	02-May-24 14:37
FL 16 @ 2"	H242373-14	Soil	02-May-24 00:00	02-May-24 14:37
FL 17 @ 2"	H242373-15	Soil	02-May-24 00:00	02-May-24 14:37

05/07/24 - Client changed the sample depths (see COC). This is the revised report and will replace the one sent on 05/06/24.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 1 @ 2"
H242373-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	6640		16.0	mg/kg	4	4050315	HM	06-May-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.5 %		71.5-134	4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

Surrogate: 1-Chlorooctane			101 %		48.2-134	4050232	MS	02-May-24	8015B	
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Surrogate: 1-Chlorooctadecane			93.7 %		49.1-148	4050232	MS	02-May-24	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 2 @ 2"
H242373-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	3000		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %		71.5-134	4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.4 %		48.2-134	4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			73.5 %		49.1-148	4050232	MS	02-May-24	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 3 @ 2"
H242373-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	4880		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

Surrogate: 1-Chlorooctane			84.3 %	48.2-134		4050232	MS	02-May-24	8015B	
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Surrogate: 1-Chlorooctadecane			81.1 %	49.1-148		4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 4 @ 2"
H242373-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	3200		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %		71.5-134	4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.4 %		48.2-134	4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.3 %		49.1-148	4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 5 @ 2"
H242373-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	5520		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.0 %	48.2-134		4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.0 %	49.1-148		4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 6 @ 2"
H242373-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	6560		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.1 %		71.5-134	4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.3 %		48.2-134	4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.6 %		49.1-148	4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 7 @ 2''
H242373-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2720		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.4 %	48.2-134		4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.3 %	49.1-148		4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 8 @ 2"
H242373-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	4200		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.7 %	48.2-134		4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.8 %	49.1-148		4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 9 @ 2"
H242373-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	3240		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.7 %		71.5-134	4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			104 %		48.2-134	4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			95.4 %		49.1-148	4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 10 @ 2"
H242373-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2080		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.8 %		71.5-134	4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	02-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.3 %		48.2-134	4050232	MS	02-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.2 %		49.1-148	4050232	MS	02-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 11 @ 2"
H242373-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	4320		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4050232	MS	03-May-24	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	49.1-148		4050232	MS	03-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 14 @ 2"
H242373-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	3920		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	0.061		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	0.414		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	0.475		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
DRO >C10-C28*	18.9		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	

Surrogate: 1-Chlorooctane			86.9 %	48.2-134		4050232	MS	03-May-24	8015B	
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Surrogate: 1-Chlorooctadecane			84.1 %	49.1-148		4050232	MS	03-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 15 @ 2"
H242373-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1760		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	0.088		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	0.492		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	0.580		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.0 %	48.2-134		4050232	MS	03-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.3 %	49.1-148		4050232	MS	03-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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FL 16 @ 2"
H242373-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1120		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.2 %		71.5-134	4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.3 %		48.2-134	4050232	MS	03-May-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.0 %		49.1-148	4050232	MS	03-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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**FL 17 @ 2"
H242373-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	6800		16.0	mg/kg	4	4050315	HM	06-May-24	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4050231	JH	03-May-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4050231	JH	03-May-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4050231	JH	03-May-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.9 %	71.5-134		4050231	JH	03-May-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
DRO >C10-C28*	120		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	
EXT DRO >C28-C36	33.5		10.0	mg/kg	1	4050232	MS	03-May-24	8015B	

Surrogate: 1-Chlorooctane			87.4 %	48.2-134		4050232	MS	03-May-24	8015B	
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Surrogate: 1-Chlorooctadecane			83.7 %	49.1-148		4050232	MS	03-May-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4050315 - 1:4 DI Water										
Blank (4050315-BLK1)										
Prepared & Analyzed: 03-May-24										
Chloride	ND	16.0	mg/kg							
LCS (4050315-BS1)										
Prepared & Analyzed: 03-May-24										
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (4050315-BSD1)										
Prepared & Analyzed: 03-May-24										
Chloride	448	16.0	mg/kg	400		112	80-120	0.00	20	

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Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4050231 - Volatiles

Blank (4050231-BLK1)

Prepared: 02-May-24 Analyzed: 03-May-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.8	71.5-134			

LCS (4050231-BS1)

Prepared: 02-May-24 Analyzed: 03-May-24

Benzene	1.95	0.050	mg/kg	2.00		97.3	82.8-130			
Toluene	1.99	0.050	mg/kg	2.00		99.4	86-128			
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	85.9-128			
m,p-Xylene	3.92	0.100	mg/kg	4.00		98.1	89-129			
o-Xylene	1.92	0.050	mg/kg	2.00		96.2	86.1-125			
Total Xylenes	5.85	0.150	mg/kg	6.00		97.5	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500		98.7	71.5-134			

LCS Dup (4050231-BSD1)

Prepared: 02-May-24 Analyzed: 03-May-24

Benzene	1.95	0.050	mg/kg	2.00		97.3	82.8-130	0.0331	15.8	
Toluene	1.97	0.050	mg/kg	2.00		98.3	86-128	1.08	15.9	
Ethylbenzene	2.00	0.050	mg/kg	2.00		99.8	85.9-128	0.795	16	
m,p-Xylene	3.89	0.100	mg/kg	4.00		97.2	89-129	0.883	16.2	
o-Xylene	1.90	0.050	mg/kg	2.00		95.1	86.1-125	1.22	16.7	
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	88.2-128	0.994	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.1	71.5-134			

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Analytical Results For:

Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS NM, 88240	Project: BISH POND Project Number: 20335 Project Manager: LANCE CRENSHAW Fax To:	Reported: 07-May-24 16:28
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4050232 - General Prep - Organics

Blank (4050232-BLK1)		Prepared & Analyzed: 02-May-24								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	48.2-134			
Surrogate: 1-Chlorooctadecane	44.2		mg/kg	50.0		88.4	49.1-148			

LCS (4050232-BS1)		Prepared & Analyzed: 02-May-24								
GRO C6-C10	212	10.0	mg/kg	200		106	66.4-123			
DRO >C10-C28	214	10.0	mg/kg	200		107	66.5-118			
Total TPH C6-C28	426	10.0	mg/kg	400		106	77.6-123			
Surrogate: 1-Chlorooctane	53.4		mg/kg	50.0		107	48.2-134			
Surrogate: 1-Chlorooctadecane	54.2		mg/kg	50.0		108	49.1-148			

LCS Dup (4050232-BSD1)		Prepared & Analyzed: 02-May-24								
GRO C6-C10	210	10.0	mg/kg	200		105	66.4-123	1.06	17.7	
DRO >C10-C28	209	10.0	mg/kg	200		105	66.5-118	2.13	21	
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123	1.59	18.5	
Surrogate: 1-Chlorooctane	52.7		mg/kg	50.0		105	48.2-134			
Surrogate: 1-Chlorooctadecane	52.6		mg/kg	50.0		105	49.1-148			

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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO										ANALYSIS REQUEST																																																																								
Project Manager: Lance Crenshaw		P.O. #:										<table border="1"> <tr><td>Chloride</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TPH (8015M)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>BTEX (8021B)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>										Chloride																					TPH (8015M)																					BTEX (8021B)																				
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Address: 2617 West Marland		Company: SEE REMARKS																																																																																		
City: Hobbs State: NM Zip: 88240		Attn:																																																																																		
Phone #: (575) 264-9884 Fax #:		Address:																																																																																		
Project #: 20335 Project Owner: Mewbourne		City:																																																																																		
Project Name: Bish Pond		State: NM Zip:																																																																																		
Project Location: 32.724299, -104.020938		Phone #:																																																																																		
Sampler Name: Aaron Rios		Fax #:																																																																																		
FOR LAB USE ONLY		MATRIX										PRESERV.										SAMPLING																																																														
Lab I.D.		Sample I.D.		G/RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME																																																								
H202373		*		C 1								X								X		5/2/24				X		X		X																																																						
11		FL 11 @ 2"		C 1								X								X		5/2/24				X		X		X																																																						
12		FL 14 @ 2"		C 1								X								X		5/2/24				X		X		X																																																						
13		FL 15 @ 2"		C 1								X								X		5/2/24				X		X		X																																																						
14		FL 16 @ 2"		C 1								X								X		5/2/24				X		X		X																																																						
15		FL 17 @ 2"		C 1								X								X		5/2/24				X		X		X																																																						

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Relinquished By:		Date: 5/2/24		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: 1437				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:				* Customer requested Depth changes. RUSH SAMPLES - 48H to 5/7/24			
Delivered By: (Circle One)		09: #140		Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other:				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Bill analytical charges to Mewbourne C/O Connor Walker and rush charges to Etech C/O Lance Crenshaw. Please email results and copy of CoC to pm@etechenv.com.			



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

May 09, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BISH POND

Enclosed are the results of analyses for samples received by the laboratory on 05/07/24 14:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 12 @ 3" (H242468-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 13 @ 3" (H242468-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 18 @ 3" (H242468-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	37.2	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 19 @ 2" (H242468-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	266	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	164	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 20 @ 2" (H242468-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	135	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	46.8	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 21 @ 2" (H242468-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 22 @ 2" (H242468-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 23 @ 2" (H242468-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	270	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	94.1	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 24 @ 2" (H242468-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	26.1	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 25 @ 2" (H242468-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7520	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 26 @ 2" (H242468-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Analytical Results For:

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Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 27 @ 2" (H242468-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	29.6	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 28 @ 2" (H242468-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	05/08/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	244	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	81.7	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 29 @ 2" (H242468-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	69.9	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	19.7	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 30 @ 2" (H242468-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	37.3	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	11.8	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 31 @ 2" (H242468-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 32 @ 2" (H242468-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 33 @ 2" (H242468-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	20.7	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 34 @ 2" (H242468-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	15.9	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 35 @ 2" (H242468-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	2.96	
Toluene*	<0.050	0.050	05/08/2024	ND	2.29	115	2.00	1.66	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.27	114	2.00	1.34	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.82	114	6.00	1.45	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	188	93.9	200	0.344	
DRO >C10-C28*	18.0	10.0	05/08/2024	ND	181	90.7	200	0.767	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 36 @ 2" (H242468-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/08/2024	ND	2.03	102	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	1.99	99.7	2.00	2.64	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	5.89	98.1	6.00	3.12	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	185	92.3	200	0.530	
DRO >C10-C28*	72.5	10.0	05/08/2024	ND	185	92.6	200	0.442	
EXT DRO >C28-C36	15.1	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 37 @ 2" (H242468-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/08/2024	ND	2.03	102	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	1.99	99.7	2.00	2.64	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	5.89	98.1	6.00	3.12	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	185	92.3	200	0.530	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	185	92.6	200	0.442	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 38 @ 2" (H242468-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/08/2024	ND	2.03	102	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	1.99	99.7	2.00	2.64	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	5.89	98.1	6.00	3.12	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	185	92.3	200	0.530	
DRO >C10-C28*	25.6	10.0	05/08/2024	ND	185	92.6	200	0.442	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 39 @ 2" (H242468-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/08/2024	ND	2.03	102	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	1.99	99.7	2.00	2.64	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	5.89	98.1	6.00	3.12	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2110	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	185	92.3	200	0.530	
DRO >C10-C28*	58.9	10.0	05/08/2024	ND	185	92.6	200	0.442	
EXT DRO >C28-C36	15.2	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 40 @ 2" (H242468-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/08/2024	ND	2.03	102	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	1.99	99.7	2.00	2.64	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	5.89	98.1	6.00	3.12	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	185	92.3	200	0.530	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	185	92.6	200	0.442	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 41 @ 2" (H242468-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/08/2024	ND	2.03	102	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	1.99	99.7	2.00	2.64	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	5.89	98.1	6.00	3.12	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	185	92.3	200	0.530	
DRO >C10-C28*	12.7	10.0	05/08/2024	ND	185	92.6	200	0.442	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/09/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 42 @ 2" (H242468-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2024	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/08/2024	ND	2.03	102	2.00	1.85	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	1.99	99.7	2.00	2.64	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	5.89	98.1	6.00	3.12	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	05/09/2024	ND	464	116	400	3.51	

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	05/08/2024	ND	185	92.3	200	0.530	
DRO >C10-C28*	1310	10.0	05/08/2024	ND	185	92.6	200	0.442	
EXT DRO >C28-C36	1290	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																				
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																				
Address: 2617 West Marland				Company: Etech																								
City: Hobbs		State: NM		Zip: 88240		Attn: Lance Crenshaw																						
Phone #: (575) 264-9884		Fax #:		Address:																								
Project #: 20335		Project Owner: Mewbourne		City:																								
Project Name: Bish Pond				State: NM														Zip:										
Project Location: 32.724299, -104.020938				Phone #:																								
Sampler Name: Aaron Rios				Fax #:																								
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.		SAMPLING																		
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
	H2421108		C	1			X					X		5/6/24		X	X	X										
	11	FL 26 @ 2"	C	1			X					X		5/6/24		X	X	X										
	12	FL 27 @ 2"	C	1			X					X		5/6/24		X	X	X										
	13	FL 28 @ 2"	C	1			X					X		5/6/24		X	X	X										
	14	FL 29 @ 2"	C	1			X					X		5/6/24		X	X	X										
	15	FL 30 @ 2"	C	1			X					X		5/6/24		X	X	X										
	16	FL 31 @ 2"	C	1			X					X		5/6/24		X	X	X										
	17	FL 32 @ 2"	C	1			X					X		5/6/24		X	X	X										
	18	FL 33 @ 2"	C	1			X					X		5/6/24		X	X	X										
	19	FL 34 @ 2"	C	1			X					X		5/6/24		X	X	X										
	20	FL 35 @ 2"	C	1			X					X		5/6/24		X	X	X										
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Relinquished By:				Date: 5-12-24		Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																
				Time: 14:40						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																
Relinquished By:				Date:		Received By:				REMARKS:																		
				Time:						RUSH SAMPLES - 48H																		
Delivered By: (Circle One)				-3-3-0		Sample Condition		CHECKED BY: (Initials)		Please email results and copy of CoC to pm@etechenv.com.																		
Sampler - UPS - Bus - Other:				-740		Cool Intact		PSD																				
						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																						
						<input type="checkbox"/> No <input type="checkbox"/> No																						



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

May 10, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BISH POND

Enclosed are the results of analyses for samples received by the laboratory on 05/08/24 12:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 43 @ 2" (H242498-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	05/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	32.0	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 44 @ 2" (H242498-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	112	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	58.3	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 45 @ 2" (H242498-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	05/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 46 @ 2" (H242498-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	05/09/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	46.2	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	15.1	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 47 @ 2" (H242498-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/10/2024	ND	416	104	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	77.3	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	23.9	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 48 @ 2" (H242498-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	177	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	97.3	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 49 @ 2" (H242498-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	311	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	218	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 50 @ 2" (H242498-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 51 @ 2" (H242498-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	140	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	75.7	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 52 @ 2" (H242498-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	27.3	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 53 @ 2" (H242498-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	11.8	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

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 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 54 @ 2" (H242498-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	41.6	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	15.2	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 55 @ 2" (H242498-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	52.6	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	31.3	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 56 @ 2" (H242498-14)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	443	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	428	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 57 @ 2" (H242498-15)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	477	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	365	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.7 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 58 @ 2" (H242498-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	2510	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	755	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 59 @ 2" (H242498-17)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	130	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	81.5	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Analytical Results For:

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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 60 @ 2" (H242498-18)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.09	105	2.00	0.537	
Toluene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.281	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.06	103	2.00	0.825	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.09	101	6.00	1.26	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	225	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	147	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 61 @ 2" (H242498-19)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	57.0	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	32.6	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 62 @ 2" (H242498-20)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	190	95.0	200	2.44	
DRO >C10-C28*	65.5	10.0	05/09/2024	ND	183	91.5	200	0.620	
EXT DRO >C28-C36	21.4	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 63 @ 2" (H242498-21)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	51.3	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	24.1	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 64 @ 2" (H242498-22)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	73.3	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	28.2	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 65 @ 2" (H242498-23)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	70.2	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	28.9	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 66 @ 2" (H242498-24)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	05/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	32.3	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 67 @ 2" (H242498-25)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	116	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	38.4	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 68 @ 2" (H242498-26)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	142	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	71.6	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 69 @ 2" (H242498-27)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	143	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	58.4	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 70 @ 2" (H242498-28)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4600	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	10.0	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 71 @ 2" (H242498-29)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	966	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	375	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 72 @ 2" (H242498-30)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	0.133	0.050	05/09/2024	ND	2.08	104	2.00	0.886	GC-NC1
Total Xylenes*	0.649	0.150	05/09/2024	ND	6.07	101	6.00	0.778	GC-NC1
Total BTEX	0.782	0.300	05/09/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 84.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	116	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	75.6	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 73 @ 2" (H242498-31)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	141	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	92.1	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 74 @ 2" (H242498-32)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	492	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	209	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 75 @ 2" (H242498-33)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	202	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	109	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 76 @ 2" (H242498-34)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	216	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	114	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 77 @ 2" (H242498-35)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	165	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	80.7	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 78 @ 2" (H242498-36)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	62.8	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	17.9	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 79 @ 2" (H242498-37)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/09/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	80.3	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	32.6	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 80 @ 2" (H242498-38)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.14	107	2.00	0.205	
Toluene*	<0.050	0.050	05/10/2024	ND	2.11	106	2.00	0.346	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.08	104	2.00	0.886	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.07	101	6.00	0.778	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	20.5	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 81 @ 2" (H242498-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	76.0	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	25.9	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 82 @ 2" (H242498-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	195	97.4	200	0.552	
DRO >C10-C28*	44.4	10.0	05/09/2024	ND	195	97.5	200	1.48	
EXT DRO >C28-C36	10.9	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 83 @ 2" (H242498-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 84 @ 2" (H242498-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	68.8	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	24.7	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Analytical Results For:

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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 85 @ 2" (H242498-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 86 @ 2" (H242498-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	88.7	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	30.9	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 87 @ 2" (H242498-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	62.7	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	29.3	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 88 @ 2" (H242498-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	74.7	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	41.1	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Analytical Results For:

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

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 89 @ 2" (H242498-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	33.9	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	12.4	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 90 @ 2" (H242498-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	28.0	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	12.2	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 91 @ 2" (H242498-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	25.2	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 92 @ 2" (H242498-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	18.2	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 93 @ 2" (H242498-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	57.0	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	25.2	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Analytical Results For:

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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 94 @ 2" (H242498-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	137	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	100	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 95 @ 2" (H242498-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	84.0	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	46.3	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 96 @ 2" (H242498-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	74.5	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	31.5	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 97 @ 2" (H242498-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	50.3	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	20.3	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 98 @ 2" (H242498-56)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	96.5	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	50.7	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 99 @ 2" (H242498-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	54.0	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	22.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 100 @ 2" (H242498-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.17	109	2.00	4.16	
Toluene*	<0.050	0.050	05/09/2024	ND	2.25	113	2.00	3.66	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.25	112	2.00	3.49	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.85	114	6.00	2.90	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	169	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	101	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 101 @ 2" (H242498-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	78.1	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	42.9	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 102 @ 2" (H242498-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	183	91.4	200	0.563	
DRO >C10-C28*	137	10.0	05/09/2024	ND	185	92.3	200	1.70	
EXT DRO >C28-C36	82.5	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 103 @ 2" (H242498-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	387	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	181	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 104 @ 2" (H242498-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	36.0	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

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Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 105 @ 2" (H242498-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	30.4	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 106 @ 2" (H242498-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	20.7	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 107 @ 2" (H242498-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	21.1	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 64.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 108 @ 2" (H242498-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	56.2	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	21.7	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 109 @ 2" (H242498-67)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	713	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	499	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 110 @ 2" (H242498-68)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	30.0	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 111 @ 2" (H242498-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	32.7	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 112 @ 2" (H242498-70)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	56.8	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	21.2	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 113 @ 2" (H242498-71)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	33.2	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 114 @ 2" (H242498-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	30.6	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 115 @ 2" (H242498-73)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	46.4	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	10.5	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 68.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 116 @ 2" (H242498-74)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	28.1	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/08/2024	Sampling Date:	05/07/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 117 @ 2" (H242498-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	3.10	
Toluene*	<0.050	0.050	05/09/2024	ND	2.13	106	2.00	2.87	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	2.83	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.58	110	6.00	2.36	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	05/10/2024	ND	400	100	400	4.08	

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	05/09/2024	ND	179	89.4	200	2.28	
DRO >C10-C28*	14.6	10.0	05/09/2024	ND	176	87.8	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 63.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																										
Project Manager: Lance Crenshaw				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)																								
Address: 2617 West Marland				Company: Etech																														
City: Hobbs State: NM Zip: 88240				Attn: Lance Crenshaw																														
Phone #: (575) 264-9884 Fax #:				Address:																														
Project #: 20335 Project Owner: Mewbourne				City:																														
Project Name: Bish Pond				State: NM Zip:																														
Project Location: 32.724299, -104.020938				Phone #:																														
Sampler Name: Aaron Rios				Fax #:																														
FOR LAB USE ONLY																																		
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP. # CONTAINERS)	MATRIX																						PRESERV.		SAMPLING							
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME																					
4242498		C 1			X				X		5/7/24		X	X	X																			
1	FL 43 @ 2"	C 1			X				X		5/7/24		X	X	X																			
2	FL 44 @ 2"	C 1			X				X		5/7/24		X	X	X																			
3	FL 45 @ 2"	C 1			X				X		5/7/24		X	X	X																			
4	FL 46 @ 2"	C 1			X				X		5/7/24		X	X	X																			
5	FL 47 @ 2"	C 1			X				X		5/7/24		X	X	X																			
6	FL 48 @ 2"	C 1			X				X		5/7/24		X	X	X																			
7	FL 49 @ 2"	C 1			X				X		5/7/24		X	X	X																			
8	FL 50 @ 2"	C 1			X				X		5/7/24		X	X	X																			
9	FL 51 @ 2"	C 1			X				X		5/7/24		X	X	X																			
10	FL 52 @ 2"	C 1			X				X		5/7/24		X	X	X																			
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Relinquished By:				Date: 5/8/24		Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																						
				1243						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																						
Relinquished By:				Date:		Received By:				REMARKS:																								
Delivered By: (Circle One)				Time:						RUSH SAMPLES - 48H																								
Sampler - UPS - Bus - Other: 0.8c #140						Sample Condition				CHECKED BY: (Initials)		Please email results and copy of CoC to pm@etechenv.com.																						
						Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				SR																								



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST									
Project Manager: Lance Crenshaw	P.O. #:	Chloride	TPH (8015M)	BTEX (8021B)							
Address: 2617 West Marland	Company: Etech										
City: Hobbs State: NM Zip: 88240	Attn: Lance Crenshaw										
Phone #: (575) 264-9884 Fax #:	Address:										
Project #: 20335 Project Owner: Mewbourne	City:										
Project Name: Bish Pond	State: NM Zip:										
Project Location: 32.724299, -104.020938	Phone #:										
Sampler Name: Aaron Rios	Fax #:										

FOR LAB USE ONLY		(GRAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME								
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :										
4242498		C 1			X				X		5/7/24		X	X	X						
21	FL 63 @ 2"	C 1			X				X		5/7/24		X	X	X						
22	FL 64 @ 2"	C 1			X				X		5/7/24		X	X	X						
23	FL 65 @ 2"	C 1			X				X		5/7/24		X	X	X						
24	FL 66 @ 2"	C 1			X				X		5/7/24		X	X	X						
25	FL 67 @ 2"	C 1			X				X		5/7/24		X	X	X						
26	FL 68 @ 2"	C 1			X				X		5/7/24		X	X	X						
27	FL 69 @ 2"	C 1			X				X		5/7/24		X	X	X						
28	FL 70 @ 2"	C 1			X				X		5/7/24		X	X	X						
29	FL 71 @ 2"	C 1			X				X		5/7/24		X	X	X						
30	FL 72 @ 2"	C 1			X				X		5/7/24		X	X	X						

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Relinquished By:	Date: 5/8/24 Time: 12:43	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: 0.8 #140	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials)	REMARKS: RUSH SAMPLES - 48H Please email results and copy of CoC to pm1@etechenv.com.



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST									
Project Manager: Lance Crenshaw	P.O. #:	Chloride	TPH (8015M)	BTEX (8021B)							
Address: 2617 West Marland	Company: Etech										
City: Hobbs State: NM Zip: 88240	Attn: Lance Crenshaw										
Phone #: (575) 264-9884 Fax #:	Address:										
Project #: 20335 Project Owner: Mewbourne	City:										
Project Name: Bish Pond	State: NM Zip:										
Project Location: 32.724299, -104.020938	Phone #:										
Sampler Name: Aaron Rios	Fax #:										

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
4242498	41	FL 83 @ 2"	C 1		X					X			5/7/24		X	X	X
	42	FL 84 @ 2"	C 1		X					X			5/7/24		X	X	X
	43	FL 85 @ 2"	C 1		X					X			5/7/24		X	X	X
	44	FL 86 @ 2"	C 1		X					X			5/7/24		X	X	X
	45	FL 87 @ 2"	C 1		X					X			5/7/24		X	X	X
	46	FL 88 @ 2"	C 1		X					X			5/7/24		X	X	X
	47	FL 89 @ 2"	C 1		X					X			5/7/24		X	X	X
	48	FL 90 @ 2"	C 1		X					X			5/7/24		X	X	X
	49	FL 91 @ 2"	C 1		X					X			5/7/24		X	X	X
	50	FL 92 @ 2"	C 1		X					X			5/7/24		X	X	X

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Relinquished By: 	Date: 5-8-24 Time: 12:43	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 0.82 #40	Sample Condition: Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials)	REMARKS: RUSH SAMPLES - 48H Please email results and copy of CoC to pm@etechemv.com.



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO				ANALYSIS REQUEST																	
Project Manager: Lance Crenshaw		P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)															
Address: 2617 West Marland		Company: Etech																					
City: Hobbs State: NM Zip: 88240		Attn: Lance Crenshaw																					
Phone #: (575) 264-9884 Fax #:		Address:																					
Project #: 20335 Project Owner: Mewbourne		City:																					
Project Name: Bish Pond		State: NM Zip:																					
Project Location: 32.724299, -104.020938		Phone #:																					
Sampler Name: Aaron Rios		Fax #:																					
FOR LAB USE ONLY									MATRIX		PRESERV.		SAMPLING										
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER				SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME						
4242498																							
401	FL 103 @ 2"	C	1			X				X			5/7/24		X	X	X						
402	FL 104 @ 2"	C	1			X				X			5/7/24		X	X	X						
403	FL 105 @ 2"	C	1			X				X			5/7/24		X	X	X						
404	FL 106 @ 2"	C	1			X				X			5/7/24		X	X	X						
405	FL 107 @ 2"	C	1			X				X			5/7/24		X	X	X						
406	FL 108 @ 2"	C	1			X				X			5/7/24		X	X	X						
407	FL 109 @ 2"	C	1			X				X			5/7/24		X	X	X						
408	FL 110 @ 2"	C	1			X				X			5/7/24		X	X	X						
409	FL 111 @ 2"	C	1			X				X			5/7/24		X	X	X						
410	FL 112 @ 2"	C	1			X				X			5/7/24		X	X	X						
<small>DISCLAIMER NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																							
Relinquished By:		Date: 5-8-24		Received By:		Time: 1243		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:													
Relinquished By:		Date:		Received By:		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:													
								REMARKS:															
Delivered By: (Circle One)		0.8i #140		Sample Condition		CHECKED BY: (Initials)		RUSH SAMPLES - 48H		Please email results and copy of CoC to pm@etechenv.com.													
Sampler - UPS - Bus - Other:				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		8K																	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO				ANALYSIS REQUEST																					
Project Manager: Lance Crenshaw		P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)																			
Address: 2617 West Marland		Company: Etech																									
City: Hobbs State: NM Zip: 88240		Attn: Lance Crenshaw																									
Phone #: (575) 264-9884 Fax #:		Address:																									
Project #: 20335 Project Owner: Mewbourne		City:																									
Project Name: Bish Pond		State: NM Zip:																									
Project Location: 32.724299, -104.020938		Phone #:																									
Sampler Name: Aaron Rios		Fax #:																									
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
4242488																											
71	FL 113 @ 2"	C	1			X				X			5/7/24		X	X	X										
72	FL 114 @ 2"	C	1			X				X			5/7/24		X	X	X										
73	FL 115 @ 2"	C	1			X				X			5/7/24		X	X	X										
74	FL 116 @ 2"	C	1			X				X			5/7/24		X	X	X										
75	FL 117 @ 2"	C	1			X				X			5/7/24		X	X	X										
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		Relinquished By:		Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:	REMARKS:																			
		Delivered By: (Circle One)		Date:	Received By:	<div style="border: 2px solid blue; border-radius: 50%; padding: 10px; display: inline-block;"> RUSH SAMPLES - 48H </div> Please email results and copy of CoC to pm@etechemv.com.																					
		Sampler - UPS - Bus - Other: 0.8 #140		Time:	Time:																						
		Sample Condition		CHECKED BY: <i>[Signature]</i>																							
		Cool Intact		Cool Intact																							
		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No																							



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

May 10, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BISH POND

Enclosed are the results of analyses for samples received by the laboratory on 05/09/24 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 18 @ 2" (H242514-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 32 @ 2" (H242514-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 33 @ 2" (H242514-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	13.2	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 34 @ 2" (H242514-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 35 @ 2" (H242514-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 36 @ 2" (H242514-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 119 @ 2" (H242514-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 120 @ 2" (H242514-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	05/09/2024	ND	2.19	109	2.00	5.01	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.28	114	2.00	8.11	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.98	116	6.00	10.5	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	13.8	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 121 @ 2" (H242514-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 122 @ 2" (H242514-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 123 @ 2" (H242514-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 124 @ 2" (H242514-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 125 @ 2" (H242514-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 126 @ 2" (H242514-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 127 @ 2" (H242514-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	0.252	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	27.9	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 128 @ 2" (H242514-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	323	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	103	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 129 @ 2" (H242514-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	57.4	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	20.8	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 130 @ 2" (H242514-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/09/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	05/10/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	10.3	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 131 @ 2" (H242514-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 137 @ 2" (H242514-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	189	94.4	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	181	90.5	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 138 @ 2" (H242514-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	192	96.1	200	0.916	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	186	93.1	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 139 @ 2" (H242514-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	192	96.1	200	0.916	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	186	93.1	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 140 @ 2" (H242514-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	192	96.1	200	0.916	
DRO >C10-C28*	17.4	10.0	05/09/2024	ND	186	93.1	200	1.60	
EXT DRO >C28-C36	10.1	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 141 @ 2" (H242514-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	192	96.1	200	0.916	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	186	93.1	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 142 @ 2" (H242514-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	192	96.1	200	0.916	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	186	93.1	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 143 @ 2" (H242514-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 144 @ 2" (H242514-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NW 1 (H242514-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	4.19	
Toluene*	<0.050	0.050	05/10/2024	ND	2.05	102	2.00	2.92	
Ethylbenzene*	<0.050	0.050	05/10/2024	ND	2.10	105	2.00	2.90	
Total Xylenes*	<0.150	0.150	05/10/2024	ND	6.32	105	6.00	2.60	
Total BTEX	<0.300	0.300	05/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	663	10.0	05/09/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	646	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: NW 2 (H242514-29)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.11	105	2.00	4.17	
Toluene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	5.15	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.26	113	2.00	9.05	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	7.37	123	6.00	9.51	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	33.0	10.0	05/09/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	13.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: EW 1 (H242514-30)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.11	105	2.00	4.17	
Toluene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	5.15	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.26	113	2.00	9.05	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	7.37	123	6.00	9.51	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SW 1 (H242514-31)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.11	105	2.00	4.17	
Toluene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	5.15	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.26	113	2.00	9.05	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	7.37	123	6.00	9.51	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: SW 2 (H242514-32)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2024	ND	2.11	105	2.00	4.17		
Toluene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	5.15		
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.26	113	2.00	9.05		
Total Xylenes*	<0.150	0.150	05/09/2024	ND	7.37	123	6.00	9.51		
Total BTEX	<0.300	0.300	05/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	05/10/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/09/2024	ND	188	94.2	200	1.38		
DRO >C10-C28*	<10.0	10.0	05/09/2024	ND	208	104	200	2.47		
EXT DRO >C28-C36	<10.0	10.0	05/09/2024	ND						

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WW 1 (H242514-33)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.11	105	2.00	4.17	
Toluene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	5.15	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.26	113	2.00	9.05	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	7.37	123	6.00	9.51	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2350	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	71.9	10.0	05/10/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	17.0	10.0	05/10/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2024	Sampling Date:	05/08/2024
Reported:	05/10/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: WW 2 (H242514-34)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2024	ND	2.11	105	2.00	4.17	
Toluene*	<0.050	0.050	05/09/2024	ND	2.14	107	2.00	5.15	
Ethylbenzene*	<0.050	0.050	05/09/2024	ND	2.26	113	2.00	9.05	
Total Xylenes*	<0.150	0.150	05/09/2024	ND	7.37	123	6.00	9.51	
Total BTEX	<0.300	0.300	05/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	05/10/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2024	ND	188	94.2	200	1.38	
DRO >C10-C28*	71.1	10.0	05/10/2024	ND	208	104	200	2.47	
EXT DRO >C28-C36	22.9	10.0	05/10/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																												
Project Manager: Lance Crenshaw				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)																										
Address: 2617 West Marland				Company: Etech																																
City: Hobbs State: NM Zip: 88240				Attn: Lance Crenshaw																																
Phone #: (575) 264-9884 Fax #:				Address:																																
Project #: 20335 Project Owner: Mewbourne				City:																																
Project Name: Bish Pond				State: NM Zip:																																
Project Location: 32.724299, -104.020938				Phone #:																																
Sampler Name: Aaron Rios				Fax #:																																
FOR LAB USE ONLY				MATRIX		PRESERV.																	SAMPLING													
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE																OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME								
H2412514																																				
1	FL 18 @ 2"	C 1			X				X			5/8/24		X	X	X																				
2	FL 32 @ 2"	C 1			X				X			5/8/24		X	X	X																				
3	FL 33 @ 2"	C 1			X				X			5/8/24		X	X	X																				
4	FL 34 @ 2"	C 1			X				X			5/8/24		X	X	X																				
5	FL 35 @ 2"	C 1			X				X			5/8/24		X	X	X																				
6	FL 36 @ 2"	C 1			X				X			5/8/24		X	X	X																				
7	FL 119 @ 2"	C 1			X				X			5/8/24		X	X	X																				
8	FL 120 @ 2"	C 1			X				X			5/8/24		X	X	X																				
9	FL 121 @ 2"	C 1			X				X			5/8/24		X	X	X																				
10	FL 122 @ 2"	C 1			X				X			5/8/24		X	X	X																				
<p><small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small></p>																																				
Relinquished By: <i>[Signature]</i>				Received By: <i>[Signature]</i>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																								
Date: 5/9/24				Time: 8:10				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																								
Relinquished By:				Received By:				REMARKS:																												
Date:				Time:				RUSH SAMPLES - 24H																												
Delivered By: (Circle One) - 74°C				Sample Condition				CHECKED BY: (Initials) <i>[Signature]</i>				Please email results and copy of CoC to pm@etechenv.com.																								
Sampler - UPS - Bus - Other: +140				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																	
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>																	
Address: 2617 West Marland				Company: Etech																					
City: Hobbs		State: NM		Zip: 88240		Attn: Lance Crenshaw																			
Phone #: (575) 264-9884		Fax #:		Address:																					
Project #: 20335		Project Owner: Mewbourne		City:																					
Project Name: Bish Pond				State: NM														Zip:							
Project Location: 32.724299, -104.020938				Phone #:																					
Sampler Name: Aaron Rios				Fax #:																					
<small>FOR LAB USE ONLY</small>																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME											
H202514																									
31	SW 1	C	1			X					X		5/8/24		X	X	X								
32	SW 2	C	1			X					X		5/8/24		X	X	X								
33	WW 1	C	1			X					X		5/8/24		X	X	X								
34	WW 2	C	1			X					X		5/8/24		X	X	X								
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																									
Relinquished By:		Date:		Received By:		Phone Result:		Fax Result:		REMARKS:															
		5-9-24				<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		RUSH SAMPLES - 24H		Please email results and copy of CoC to pm@etechenv.com.													
Relinquished By:		Date:		Received By:																					
Delivered By: (Circle One)		Time:		Sample Condition		CHECKED BY:																			
Sampler - UPS - Bus - Other:		-7:42		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(Initials) 																			



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

May 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BISH POND

Enclosed are the results of analyses for samples received by the laboratory on 05/10/24 10:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 42 @ 6" (H242553-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	05/11/2024	ND	2.13	106	2.00	4.37	
Ethylbenzene*	<0.050	0.050	05/11/2024	ND	2.14	107	2.00	4.53	
Total Xylenes*	<0.150	0.150	05/11/2024	ND	6.94	116	6.00	3.11	
Total BTEX	<0.300	0.300	05/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/13/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2024	ND	186	92.9	200	1.69	
DRO >C10-C28*	<10.0	10.0	05/10/2024	ND	177	88.6	200	0.942	
EXT DRO >C28-C36	<10.0	10.0	05/10/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene, Lab Director/Quality Manager



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May 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BISH POND

Enclosed are the results of analyses for samples received by the laboratory on 05/10/24 12:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/10/2024	Sampling Date:	05/09/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	BISH POND	Sampling Condition:	Cool & Intact
Project Number:	20335	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.724299,-104.020938		

Sample ID: FL 58 @ 6" (H242570-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2024	ND	2.12	106	2.00	1.15	
Toluene*	<0.050	0.050	05/11/2024	ND	2.13	106	2.00	4.37	
Ethylbenzene*	<0.050	0.050	05/11/2024	ND	2.14	107	2.00	4.53	
Total Xylenes*	<0.150	0.150	05/11/2024	ND	6.94	116	6.00	3.11	
Total BTEX	<0.300	0.300	05/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/13/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2024	ND	182	90.9	200	6.50	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	193	96.6	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene, Lab Director/Quality Manager

Appendix E

Regulatory Correspondence

From: [Connor Walker](#)
To: [Lance Crenshaw](#); [Ben Arguijo](#)
Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 338474
Date: Monday, April 29, 2024 12:01:50 PM

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, April 29, 2024 10:48 AM
To: Connor Walker <cwalker@mewbourne.com>
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 338474

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2407356057.

The sampling event is expected to take place:

When: 05/02/2024 @ 08:00

Where: A-25-18S-29E 0 FNL 0 FEL (32.724299,-104.020938)

Additional Information: Sample Tech: Aaron Rios

Phone: 432-701-8602, aaronr@etechnv.com

Additional Instructions: Sampling will occur on: 5/2/24, 5/3/24, 5/6/24, 5/7/24, 5/8/24, 5/9/24

From the intersection of Bluestem Rd and Duvall Shaft Rd (32.680761, -103.988242), head N on Duvall Shaft Rd for 1.05 mi, then W for 0.78 mi, then NE for 1.03 mi, then W for 1.31 mi, then W for 0.40 mi, then N for 0.01 mi, then W for 0.08 mi, then N for 0.03 mi to arrive at the Bish Pond Recycling Center location (32.724299, -104.020938).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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

QUESTIONS

Action 349463

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2407356057
Incident Name	NAPP2407356057 BISH RECYCLE FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fVV233339661] BISH RECYCLE FACILITY

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Bish Recycle Facility
Date Release Discovered	03/05/2024
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Transport Produced Water Released: 130 BBL Recovered: 85 BBL Lost: 45 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
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QUESTIONS, Page 2

Action 349463

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 03/13/2024
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QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	7600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3270
GRO+DRO (EPA SW-846 Method 8015M)	2510
BTEX (EPA SW-846 Method 8021B or 8260B)	0.8
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/30/2024
On what date will (or did) the final sampling or liner inspection occur	05/09/2024
On what date will (or was) the remediation complete(d)	05/10/2024
What is the estimated surface area (in square feet) that will be reclaimed	27774
What is the estimated volume (in cubic yards) that will be reclaimed	1029
What is the estimated surface area (in square feet) that will be remediated	27774
What is the estimated volume (in cubic yards) that will be remediated	120

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 349463

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 05/30/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 349463

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 349463

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	338474
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2024
What was the (estimated) number of samples that were to be gathered	150
What was the sampling surface area in square feet	30000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	27774
What was the total volume (cubic yards) remediated	120
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	27774
What was the total volume (in cubic yards) reclaimed	1029
Summarize any additional remediation activities not included by answers (above)	Please see attached remediation summary for full list of remediation activities.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 05/30/2024
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QUESTIONS, Page 7

Action 349463

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 349463

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 349463
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. Sampling notice submitted for 5/2/24 only but samples were collected on 5/2, 5/6-5/9/2024.	6/12/2024
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	6/12/2024