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Oil Conservation Division

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# Closure

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

Closure Report Attachment Checklist: Each of the following i	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the co accordance with 19.15.29.13 NMAC including notification to the C Printed Name: Connor Walker Signature:	Ations. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete Title: Sr. Engineer Date:2/14/2023
email: cwalker@mewbourne.com	Telephone: (806)202-5281
OCD Only	
Received by: Jocelyn Harimon	Date: 02/14/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Robert Hamlet	Date: 6/14/2023
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced

Received by OCD: 2/14/2023 8:39:40 AM Form C-141 State of New Mexico

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# Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ✓ Field data
- Data table of soil contaminant concentration data
- $\checkmark$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- ✓ Topographic/Aerial maps
- ✓ Laboratory data including chain of custody

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

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Page 4	Oil Conservation Division		District RP	
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regulations all operators are requ public health or the environment. failed to adequately investigate a addition, OCD acceptance of a C and/or regulations. Printed Name: Connor Walk Signature:	the	ifications and perform co OCD does not relieve the eat to groundwater, surfa	prrective actions for relea e operator of liability sho ce water, human health liance with any other fec	ases which may endanger ould their operations have or the environment. In
OCD Only Received by: Jocelyn H	arimon	Date: 02	2/14/2023	

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# Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Connor Walker Title: Sr. Engineer Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_ Telephone: (806)202-5281 email: cwalker@mewbourne.com **OCD Only** Date: 02/14/2023 Received by: Jocelyn Harimon Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_ Printed Name: Title:

# Remediation Summary & Soil Closure Request

## Mewbourne Oil Company Samsonite SWD Line

Eddy County, New Mexico Unit Letter "L", Section 10, Township 18 South, Range 29 East Latitude 32.7617080 North, Longitude 104.067506 West NMOCD Reference No. nAPP2233359733

Prepared By:

Etech Environmental & Safety Solutions, Inc. 6309 Indiana Ave, Ste. D Lubbock, Texas 79413

J. Arguijo

Lance Crenshaw

Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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

# 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 Samsonite SWD Line. Details of the release are summarized below:

atitude:	32.76	17080	Longitude:		-104.067506
		Provide	d GPS are in WGS84 forma	:.	
Site Name:	Samsor	nite SWD Line	Site Type:		Pipeline
Date Release Disco	vered:	11/15/2022	API # (if applica	ble):	N/A
Unit Letter	Section	Township	Range	County	Т
"L"	10	18S	29E	Eddy	
urface Owner:	State X F	Tribal Tribal	Private (Nam		
Crude Oil	Volume	Released (bbls)		Volume Recove	ered (bbls)
X Produced Wat	ter Volume	Released (bbls)	177	Volume Recove	ered (bbls) 0
		ncentration of total of the produced water		X Yes	No N/A
Condensate	Volume	e Released (bbls)		Volume Recover	ered (bbls)
Natural Gas	Volume	Released (Mcf)		Volume Recove	ered (Mcf)
Other (describ	be) Volume	Weight Released		Volume/Weight	Recovered
Cause of Release: A poly connection	on a SWD p	peline failed.		1	
		In	itial Response		
X The source of	the release has	been stopped.			
X The impacted	area has been s	secured to protect hun	nan health and the env	ironment.	
X Release materi	als have been	contained via the use	of berms or dikes, abs	orbent pad, or othe	er containment devices
				ged appropriately.	

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

## 2.0 SITE CHARACTERIZATION

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

What is the shallowest depth to groundwater beneath the area affected by the release?	145'
Did the release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production or storage site?	X Yes No

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

## 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
145'	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)

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

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

## 4.0 INITIAL SITE ASSESSMENT

On November 18, 2022, Etech conducted an initial site assessment. During the initial site assessment, a series of 12 hand-augered soil bores (SP 1 through SP 12) were advanced within the inferred margins of the affected area in an effort to determine the vertical extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit. The soil bores were advanced in one (1) foot increments until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

Based on field observations and field test data, a total of 23 delineation soil samples (SP 1 @ Surf., SP 1 @ 2', SP 2 @ Surf., SP 2 @ 4', SP 3 @ Surf., SP 3 @ 4', SP 4 @ Surf., SP 5 @ Surf., SP 6 @ 4', SP 6 @ 4', SP 7 @ Surf., SP 7 @ 4', SP 8 @ Surf., SP 9 @ 3', SP 10 @ Surf., SP 10 @ 2', SP 11 @ Surf., SP 11 @ 2', SP 12 @ Surf., and SP 12 @ 2') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined and ranged from approximately two (2) feet below ground surface (bgs) in the areas characterized by sample points SP 1, SP 10, SP 11, and SP 12 to four (4) feet bgs in the areas characterized by sample points SP 2, SP 3, and SP 5 through SP 8. Soil was not affected beyond ground surface in the area characterized by sample point SP 4.

On November 21, 2022, Etech continued the initial site assessment. During the site assessment, six (6) additional hand-augered soil bores (SP 13 through SP 18) were advanced within the inferred margins of the affected area to further investigate the vertical extent of impacted soil. In addition, ten (10) hand-augered soil bores (NH 1, EH 1 through EH 4, SH 1, and WH 1 through WH 4) were advanced along the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. The soil bores were advanced in one (1) foot increments until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

Based on field observations and field test data, a total of 32 delineation soil samples (NH 1 @ Surf., NH 1 @ 1', EH 1 @ Surf., EH 1 @ 1', EH 2 @ Surf., EH 2 @ 1', EH 3 @ Surf., EH 3 @ 1', EH 4 @ Surf., EH 4 @ 1', SH 1 @ Surf., SH 1 @ 1', WH 1 @ Surf., WH 1 @ 1', WH 2 @ Surf., WH 2 @ 1', WH 3 @ Surf., WH 3 @ 1', WH 4 @ Surf., WH 4 @ 1', SP 13 @ Surf., SP 13 @ 4', SP 14 @ Surf., SP 14 @ 3', SP 15 @ Surf., SP 15 @ 3', SP 16 @ Surf., SP 16 @ 2', SP 17 @ Surf., SP 17 @ 4', SP 18 @ Surf., and SP 18 @ 4') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined and ranged from approximately two (2) feet bgs in the area characterized by sample point SP 16 to four (4) feet bgs in the areas characterized by sample points SP 13, SP 17, and SP 18. The horizontal extent of impacted soil was adequately defined in the areas characterized by sample points NH 1, EH 1 through EH 4, SH 1, and WH 1 through WH 4.

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

## 5.0 **REMEDIATION ACTIVITIES SUMMARY**

On November 29, 2022, remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards 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 extent of impacted soil and to guide the excavation. The sidewalls and floors of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. 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.

On November 29, 2022, Etech collected four (4) confirmation soil samples (SW 1, FL 1 @ 2', FL 2 @ 2', and FL 3 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL). Chloride concentrations ranged from 16.0 mg/kg in soil sample SW 1 to 176 mg/kg in soil sample FL 3 @ 2'.

On November 30, 2022, Etech collected 12 confirmation soil samples (NW 1, EW 1, SW 2, WW 1, and FL 4 @ 2' through FL 11 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg in soil samples NW 1 and FL 10 @ 3' to 176 mg/kg in soil sample FL 5 @ 2'.

On December 1, 2022, Etech collected 16 confirmation soil samples (NW 2, EW 2, EW 3, SW 3, and FL 12 @ 3' through FL 23 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil sample NW 2 to 992 mg/kg in soil sample FL 23 @ 4'.

On December 2, 2022, Etech collected 15 confirmation soil samples (NW 3, SW 4, and FL 24 @ 4' through FL 36 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil sample NW 3 to 800 mg/kg in soil sample FL 35 @ 4'.

On December 5, 2022, Etech collected 11 confirmation soil samples (NW 4, EW 4, SW 5, and FL 37 @ 4' through FL 44 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 208 mg/kg in soil samples EW 4 and SW 5 to 8,400 mg/kg in soil sample FL 44 @ 4'.

On December 6, 2022, Etech collected seven (7) confirmation soil samples (SW 6, WW 2, WW 3, and FL 45 @ 4' through FL 48 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 128 mg/kg in soil samples WW 2 and FL 45 @ 4' to 4,640 mg/kg in soil sample FL 47 @ 4'.

On December 7, 2022, Etech collected 13 confirmation soil samples (EW 5 and FL 49 @ 4' through FL 60 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 256 mg/kg in soil sample EW 5 to 12,700 mg/kg in soil sample FL 60 @ 4'.

On December 8, 2022, Etech collected 11 confirmation soil samples (EW 6, SW 7, WW 4, and FL 61 @ 4' through FL 68 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 224 mg/kg in soil sample WW 4 to 7,330 mg/kg in soil sample FL 62 @ 4'.

On December 9, 2022, Etech collected 10 confirmation soil samples (EW 7, WW 5, and FL 69 @ 4' through FL 76 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 160 mg/kg in soil samples EW 7 and WW 5 to 3,600 mg/kg in soil sample FL 73 @ 4'.

On December 12, 2022, Etech collected eight (8) confirmation soil samples (NW 5, EW 8, SW 8, WW 6, and FL 77 @ 4' through FL 80 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg in soil sample SW 8 to 3,120 mg/kg in soil sample FL 79 @ 4'.

On December 13, 2022, Etech collected eight (8) confirmation soil samples (NW 6, SW 9, and FL 81 @ 4' through FL 86 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil sample SW 9 to 7,200 mg/kg in soil sample FL 82 @ 4'.

On December 14, 2022, Etech collected 11 confirmation soil samples (NW 7, EW 9, SW 10, WW 7, WW 8, and FL 87 @ 4' through FL 92 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 176 mg/kg in soil samples SW 10 and WW 7 to 5,680 mg/kg in soil sample FL 88 @ 4'.

On December 15, 2022, Etech collected 10 confirmation soil samples (EW 10, WW 9, WW 10, and FL 93 @ 4' through FL 99 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL, with the exception of soil sample FL 94 @ 4', which exhibited a TPH concentration of 33.0 mg/kg. Chloride concentrations ranged from 144 mg/kg in soil sample WW 10 to 2,600 mg/kg in soil sample FL 93 @ 4'.

On December 19, 2022, Etech collected 10 confirmation soil samples (NW 8, EW 11, SW 11, WW 11, and FL 100 @ 4' through FL 105 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 160 mg/kg in soil sample EW 11 to 4,400 mg/kg in soil sample FL 104 @ 4'.

On December 20, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 55 @ 4', FL 58 @ 4', and FL 60 @ 4'. Etech collected 13 confirmation soil samples (EW 12, SW 12, WW 12, FL 55 @ 5', FL 58 @ 5', FL 60 @ 5', and FL 106 @ 4' through FL 112 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL, with the exception of soil sample EW 12, which exhibited a BTEX concentration of 1.14 mg/kg. Chloride concentrations ranged from 80.0 mg/kg in soil sample SW 12 to 5,760 mg/kg in soil sample FL 55 @ 5'.

On December 21, 2022, Etech collected six (6) confirmation soil samples (NW 9, EW 13, EW 14, FL 113 @ 4', FL 114 @ 4', and FL 115 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil samples EW 13 and EW 14 to 1,680 mg/kg in soil sample FL 115 @ 4'.

On December 28, 2022, Etech collected three (3) confirmation soil samples (NW 10, FL 116 @ 4', and FL 117 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in soil sample NW 10 to 4,930 mg/kg in soil sample FL 116 @ 4'.

On December 30, 2022, Etech collected four (4) confirmation soil samples (EW 15, SW 13, FL 118 @ 4', and FL 119 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg in soil sample EW 15 to 6,240 mg/kg in soil sample FL 119 @ 4'.

The final dimensions of the excavated area were approximately 128 to 404 feet in length, 12 to 138 feet in width, and two (2) to five (5) feet in depth. During the course of remediation activities, Etech transported approximately 4,920 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 4,920 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

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

### 6.0 **RESTORATION, RECLAMATION & RE-VEGETATION PLAN**

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site.

## 7.0 SOIL CLOSURE REQUEST

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

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 Samsonite SWD Line release site.

## 8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents 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.

## 9.0 **DISTRIBUTION**

#### Mewbourne Oil Company

4801 Business Park Blvd. Hobbs, NM 88240

#### New Mexico Energy, Minerals and Natural Resources Department

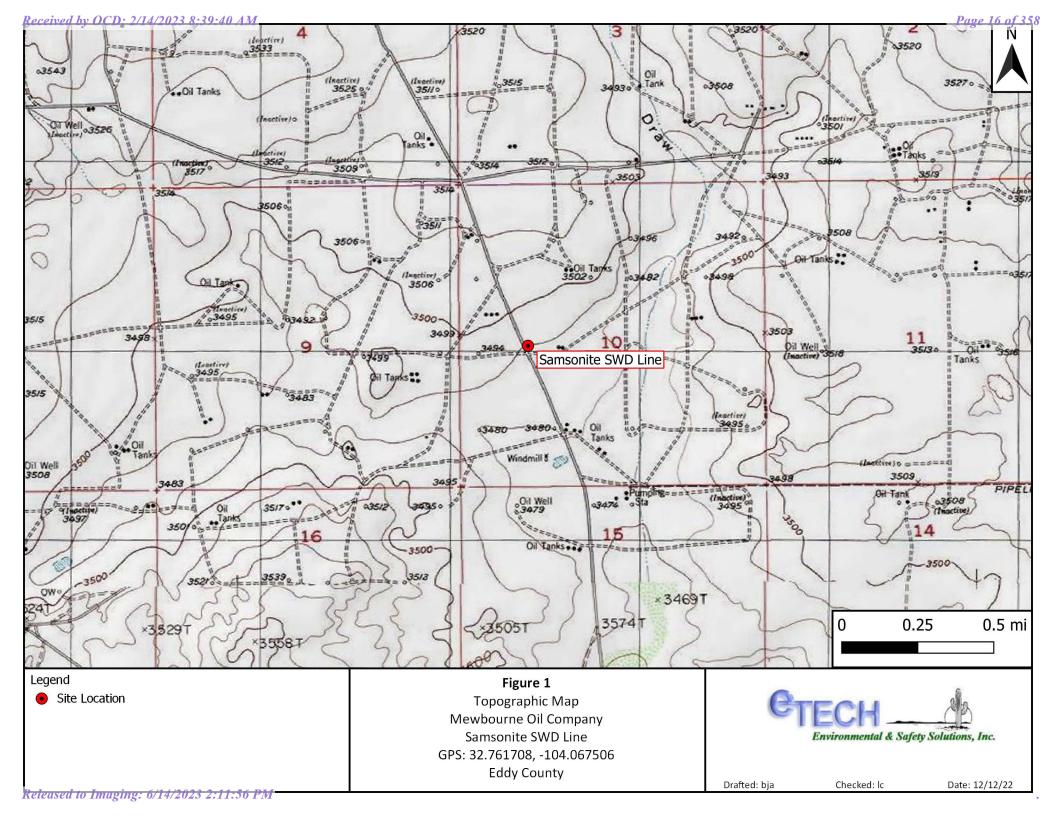
*Oil Conservation Division, District 2* 811 S. First Street Artesia, NM 88210

#### United States Department of the Interior

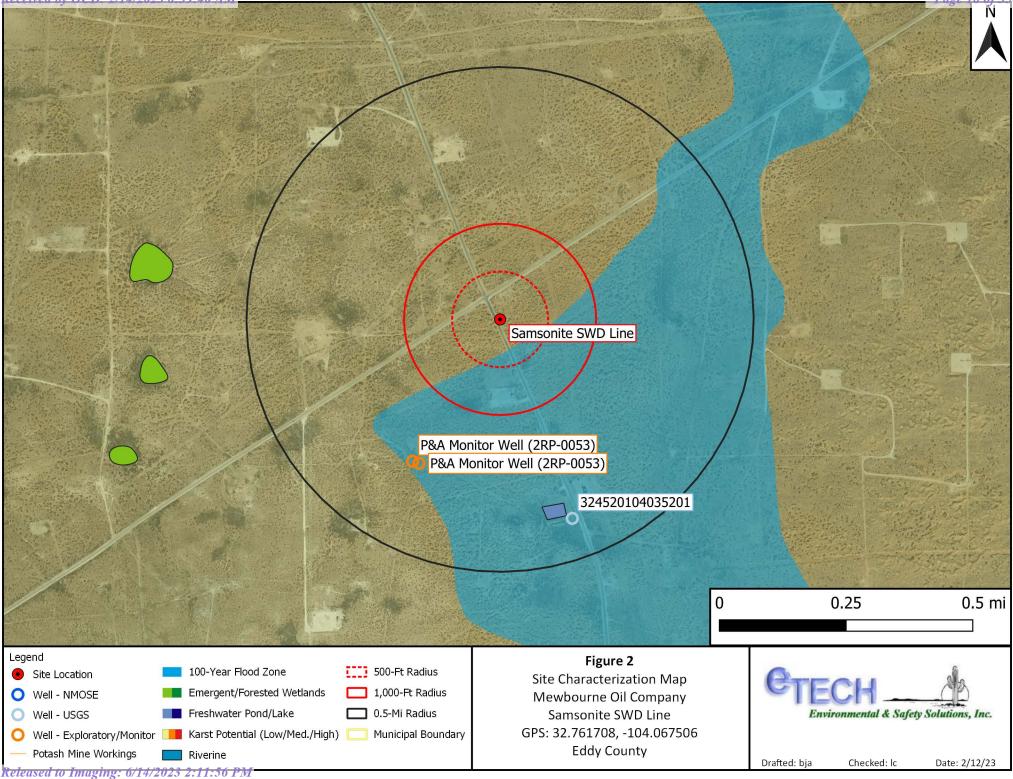
Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

(Electronic Submission)

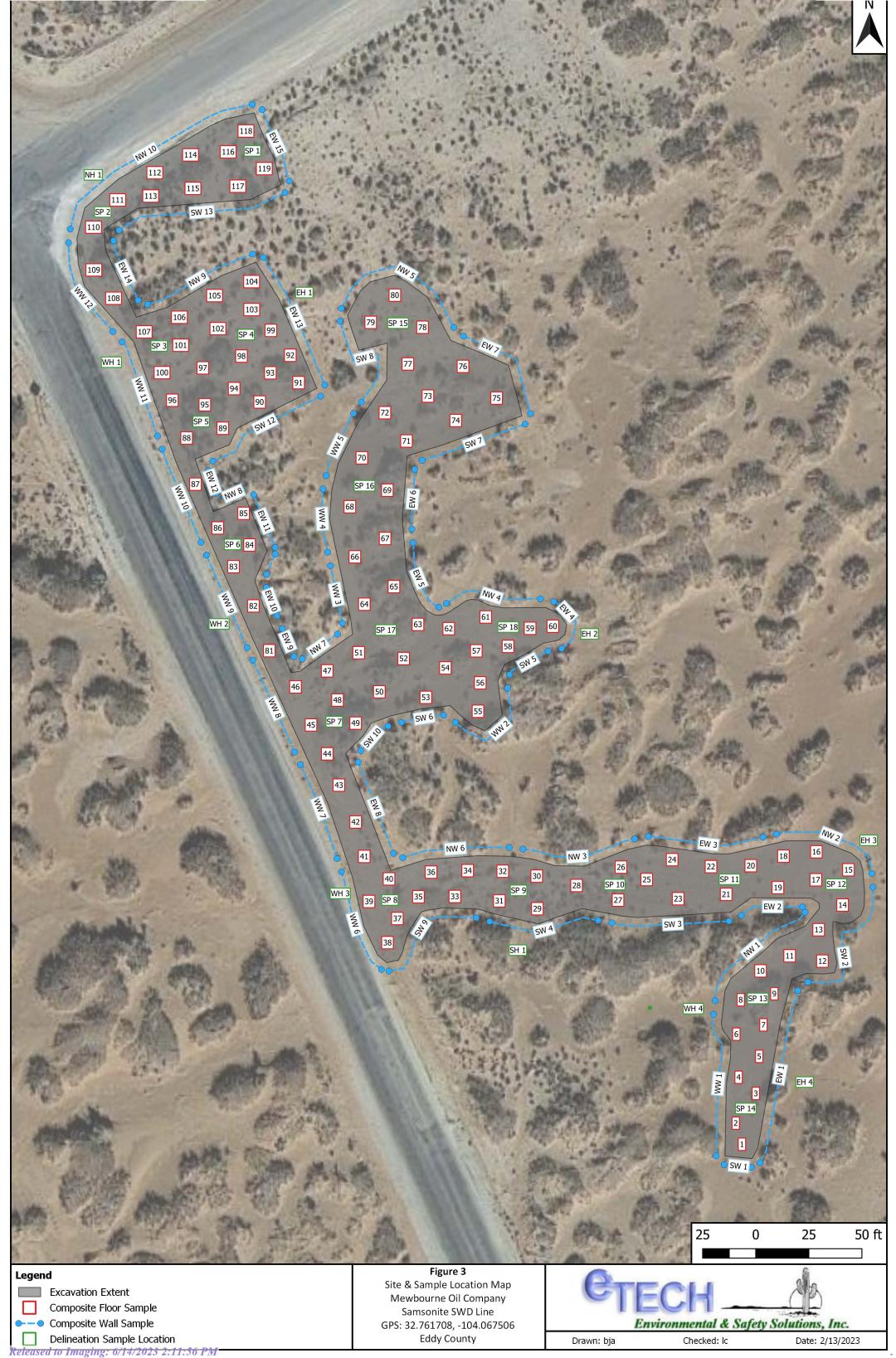
# Figure 1 Topographic Map



# Figure 2 Aerial Proximity Map



# Figure 3 Site & Sample Location Map



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

Table 1											
Concentrations of BTEX, TPH & Chloride in Soil											
	Mewbourne Oil Company Samsonite SWD Line										
							50722				
NMO	OCD Closure	Cuitania			Ref. #: nA			1 000	N/A	2 500	20.000
	NMOCD Reclamation Standard					N/A N/A	N/A N/A	1,000 N/A	N/A N/A	2,500 100	20,000 600
MMOCI		i Stanuar	u	10 SW 84	50 5 8021B	IN/A		N/A 846 8015M		100	4500 Cl
		Danth		5 17 040	00215			GRO +			4500 CI
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub>	(mg/kg)	(mg/kg)	(mg/kg)
					Delineation S	Samples		(mg/kg)			
NH 1 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NH 1 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 1 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
EH 1 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 2 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EH 2 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EH 3 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
EH 3 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
EH 4 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 4 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SH 1 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SH 1 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH 1 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WH 1 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 2 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 2 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH 3 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH 3 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH 4 @ Surf.	11/21/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH 4 @ 1'	11/21/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP 1 @ Surf.	11/18/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
SP 1 @ 2'	11/18/2022	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP 2 @ Surf.	11/18/2022	0	Excavated		< 0.300	<10.0	10.5	10.5	<10.0	10.5	14,600
SP 2 @ 4'	11/18/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SP 3 @ Surf.	11/18/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,200
SP 3 @ 4'	11/18/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SP 4 @ Surf.	11/18/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 5 @ Surf.	11/18/2022	0	Excavated	< 0.050	0.633	<10.0	32.5	32.5	<10.0	32.5	20,000
SP 5 @ 4'	11/18/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
SP 6 @ Surf.	11/18/2022	0	Excavated	< 0.050	< 0.300	<10.0	15.1	15.1	<10.0	15.1	5,600
SP 6 @ 4'	11/18/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
SP 7 @ Surf.	11/18/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,000
SP 7 @ 4'	11/18/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SP 8 @ Surf.	11/18/2022	0	Excavated	<0.050	<0.300	<10.0	11.9	11.9	<10.0	11.9	22,400
SP 8 @ 4'	11/18/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
SP 9 @ Surf.	11/18/2022	0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	35,200
SP 9 @ 3'	11/18/2022	3	Excavated		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP 10 @ Surf.	11/18/2022	0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,200
SP 10 @ 2'	11/18/2022	2	Excavated	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SP 11 @ Surf.	11/18/2022	0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	41,200
SP 11 @ 2'	11/18/2022	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416

Table 1											
Concentrations of BTEX, TPH & Chloride in Soil											
Mewbourne Oil Company Samsonite SWD Line											
							50722				
ND		C ite is			Ref. #: nA			1 000			
	OCD Closure		4	10	50	N/A	N/A	1,000	N/A	2,500	20,000
NWICC.	D Reclamation	n Standar	a	10 SW 94	50	N/A	N/A	N/A	N/A	100	600 4500 Cl
				5 W 84	6 8021B			846 8015M			4500 CI
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO C <sub>6</sub> -C <sub>10</sub>	DRO C <sub>10</sub> -C <sub>28</sub>	DRO	ORO C <sub>28</sub> -C <sub>36</sub>	ТРН С <sub>6</sub> -С <sub>36</sub>	Chloride
		()		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>28</sub>	(mg/kg)	(mg/kg)	(mg/kg)
SP 12 @ Surf.	11/18/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	42,000
SP 12 @ 2'	11/18/2022	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SP 13 @ Surf.	11/21/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,060
SP 13 @ 4'	11/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
SP 14 @ Surf.	11/21/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,400
SP 14 @ 3'	11/21/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP 15 @ Surf.	11/21/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
SP 15 @ 3'	11/21/2022	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SP 16 @ Surf.	11/21/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
SP 16 @ 2'	11/21/2022	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
SP 17 @ Surf.	11/21/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,320
SP 17 @ 4'	11/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SP 18 @ Surf.	11/21/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
SP 18 @ 4'	11/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,660
					Excavation S						- )
NW 1	11/30/2022	0.5-2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 2	12/1/2022	0.5-3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW 3	12/2/2022	0.5-3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
NW 4	12/5/2022	0.5-3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
NW 5	12/12/2022	0.5-3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW 6	12/13/2022	0.5-3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW 7	12/14/2022	0.5-3.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
NW 8	12/19/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
NW 9	12/21/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
NW 10	12/28/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 1	11/30/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 2	12/1/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
EW 3	12/1/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EW 4	12/5/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
EW 5	12/7/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
EW 6	12/8/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
EW 7	12/9/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW 8	12/12/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 9	12/14/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
EW 10	12/15/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
EW 11	12/19/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW 12	12/20/2022			< 0.050	1.14	<10.0	<10.0	<20.0	<10.0	<30.0	304
EW 13	12/21/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EW 14	12/21/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EW 15	12/30/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 1	11/29/2022			< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 2	11/30/2022	0.5-2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160

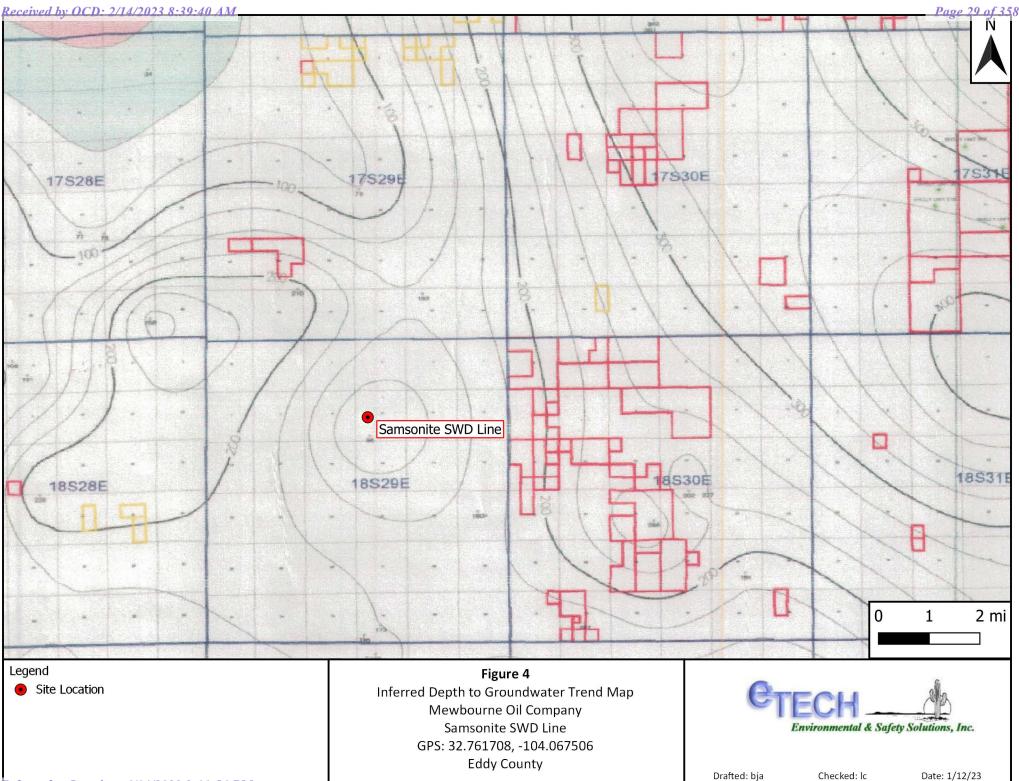
Table 1       Concentrations of PTEX_TPH_& Chlorida in Soil											
Concentrations of BTEX, TPH & Chloride in Soil											
Mewbourne Oil Company											
Samsonite SWD Line NMOCD Ref. #: nAPP2233359733											
NBK		a			1						
	OCD Closure		,	10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOC.	D Reclamatio	n Standar	a	10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B			846 8015M			4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride
		(rect)		(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>28</sub> (mg/kg)	C6-C28	C <sub>28</sub> -C <sub>36</sub> (mg/kg)	C <sub>6</sub> -C <sub>36</sub> (mg/kg)	(mg/kg)
SW 3	12/1/2022	0525	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	144
SW 3 SW 4	12/1/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SW 5	12/2/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW 5 SW 6	12/3/2022		In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW 7	12/8/2022		In-Situ In-Situ	< 0.030	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW 7 SW 8											
SW 8 SW 9	12/12/2022 12/13/2022		In-Situ In Situ	<0.050	<0.300	<10.0	<10.0	<20.0 <20.0	<10.0	<30.0	48.0
SW 9 SW 10	12/13/2022		In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0	<10.0 <10.0	<30.0 <30.0	96.0 176
SW 10	12/14/2022		In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 11 SW 12	12/19/2022		In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 12 SW 13	12/20/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WW 1	12/30/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 2	12/6/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 2 WW 3	12/6/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
WW 4	12/8/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WW 5	12/8/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW 6	12/9/2022		In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 7	12/12/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
WW 8	12/14/2022		In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
WW 9	12/15/2022		In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW 10	12/15/2022		In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WW 11	12/19/2022		In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW 12	12/20/2022		In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 1 @ 2'	11/29/2022		In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 2 @ 2'	11/29/2022	2	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 3 @ 2'	11/29/2022	2	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 4 @ 2'	11/20/2022	2	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 5 @ 2'	11/30/2022	2	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 6 @ 3'	11/30/2022	3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 7 @ 3'	11/30/2022	3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 8 @ 3'	11/30/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 9 @ 3'	11/30/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 10 @ 3'	11/30/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 11 @ 3'	11/30/2022	3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 12 @ 3'	12/1/2022	3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 13 @ 3'	12/1/2022	3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 14 @ 3'	12/1/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 15 @ 3'	12/1/2022	3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 16 @ 4'	12/1/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 17 @ 4'	12/1/2022	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 18 @ 4'	12/1/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 19 @ 4'	12/1/2022	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
т	12/1/2022	Г <del>Т</del>	in onu	-0.050	-0.500	10.0	10.0	-20.0	10.0		152

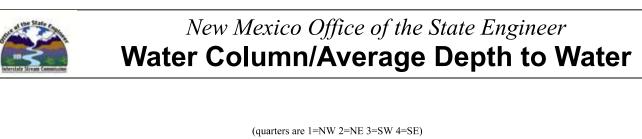
Table 1       Concentrations of PTEX_TPH_& Chlorids in Soil											
Concentrations of BTEX, TPH & Chloride in Soil											
Mewbourne Oil Company											
Samsonite SWD Line NMOCD Ref. #: nAPP2233359733											
NDA											
	OCD Closure		3	10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOC	D Reclamation	n Standar	a	10	50	N/A	N/A	N/A	N/A	100	600
		_		SW 840	6 8021B			846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride
		(reet)		(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>28</sub> (mg/kg)	C6-C28	C <sub>28</sub> -C <sub>36</sub> (mg/kg)	C <sub>6</sub> -C <sub>36</sub> (mg/kg)	(mg/kg)
	10/1/2022	4	I C'	-0.050	(0.200			(mg/kg)	,		200
FL 20 @ 4'	12/1/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 21 @ 4'	12/1/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 22 @ 4'	12/1/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 23 @ 4'	12/1/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
FL 24 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 25 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 26 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 27 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 28 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 29 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FL 30 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 31 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 32 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 33 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 34 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
FL 35 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL 36 @ 4'	12/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 37 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 38 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
FL 39 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
FL 40 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 41 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 42 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
FL 43 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 44 @ 4'	12/5/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
FL 45 @ 4'	12/6/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 46 @ 4'	12/6/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752
FL 47 @ 4'	12/6/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL 48 @ 4'	12/6/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 49 @ 4'	12/7/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,480
FL 50 @ 4'	12/7/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL 51 @ 4'	12/7/2022	4	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,200
FL 52 @ 4'	12/7/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,960
FL 53 @ 4'	12/7/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,240
FL 54 @ 4'	12/7/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,760
FL 55 @ 4'	12/7/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,200
FL 55 @ 5'	12/20/2022	5	In-Situ	-	-	-	-	-	-	-	5,760
FL 56 @ 4'	12/7/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120
FL 57 @ 4'	12/7/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,360
FL 58 @ 4'	12/7/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,100
FL 58 @ 5'	12/20/2022	5	In-Situ	-		-	-	-	-		5,200
FL 59 @ 4'	12/7/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960

Table 1       Concentrations of PTEX_TPH_& Chlorids in Soil											
Concentrations of BTEX, TPH & Chloride in Soil											
Mewbourne Oil Company											
Samsonite SWD Line NMOCD Ref. #: nAPP2233359733											
	OCD Closure		3	10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMUCI	D Reclamation	n Standar	a	10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	5 8021B			846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride
		(rect)		(mg/kg)	(mg/kg)	C <sub>6</sub> -C <sub>10</sub> (mg/kg)	C <sub>10</sub> -C <sub>28</sub> (mg/kg)	C6-C28	C <sub>28</sub> -C <sub>36</sub> (mg/kg)	C <sub>6</sub> -C <sub>36</sub> (mg/kg)	(mg/kg)
	10/7/0000	4	F . 1	-0.050	-0.200			(mg/kg)	,		10 700
FL 60 @ 4'	12/7/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,700
FL 60 @ 5'	12/20/2022	5	In-Situ	-	-	-	-	-	-	-	1,720
FL 61 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,470
FL 62 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,330
FL 63 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL 64 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL 65 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<50.0	<50.0	<100.0	<50.0	<150.0	2,640
FL 66 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,540
FL 67 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL 68 @ 4'	12/8/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,810
FL 69 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL 70 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,820
FL 71 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
FL 72 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,020
FL 73 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL 74 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FL 75 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 76 @ 4'	12/9/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 77 @ 4'	12/12/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 78 @ 4'	12/12/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,660
FL 79 @ 4'	12/12/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120
FL 80 @ 4'	12/12/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 81 @ 4'	12/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,640
FL 82 @ 4'	12/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200
FL 83 @ 4'	12/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,640
FL 84 @ 4'	12/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,200
FL 85 @ 4'	12/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,840
FL 86 @ 4'	12/13/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040
FL 87 @ 4'	12/14/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,580
FL 88 @ 4'	12/14/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,680
FL 89 @ 4'	12/14/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL 90 @ 4'	12/14/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
FL 91 @ 4'	12/14/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FL 92 @ 4'	12/14/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,550
FL 93 @ 4'	12/15/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 94 @ 4'	12/15/2022	4	In-Situ	< 0.050	< 0.300	<10.0	17.6	17.6	15.4	33.0	1,330
FL 95 @ 4'	12/15/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
FL 96 @ 4'	12/15/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 97 @ 4'	12/15/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL 98 @ 4'	12/15/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 99 @ 4'	12/15/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 100 @ 4'	12/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Samsonite SWD Line													
NMOCD Ref. #: nAPP2233359733           NMOCD Closure Criteria         10         50         N/A         N/A         1,000         N/A         2,500         20,000													
	DCD Closure D Reclamation		3	-		N/A	N/A	1,000	N/A	2,500	20,000		
NWIOC	D Reclamation	i Standar	u	10 SW 944	50 5 8021B	N/A	N/A	N/A 846 8015M	N/A	100	600		
Sample ID	Date	Depth (Feet)	Soil Status	Sw 840 Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	4500 Cl Chloride (mg/kg)		
FL 101 @ 4'	12/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,840		
FL 102 @ 4'	12/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,890		
FL 103 @ 4'	12/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,020		
FL 104 @ 4'	12/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400		
FL 105 @ 4'	12/19/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060		
FL 106 @ 4'	12/20/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560		
FL 107 @ 4'	12/20/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,440		
FL 108 @ 4'	12/20/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720		
FL 109 @ 4'	12/20/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,440		
FL 110 @ 4'	12/20/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272		
FL 111 @ 4'	12/20/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,730		
FL 112 @ 4'	12/20/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896		
FL 113 @ 4'	12/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400		
FL 114 @ 4'	12/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368		
FL 115 @ 4'	12/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,680		
FL 116 @ 4'	12/28/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,930		
FL 117 @ 4'	12/28/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120		
FL 118 @ 4'	12/30/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360		
FL 119 @ 4'	12/30/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,240		

# Appendix A Depth to Groundwater Information





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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 587360.49

Northing (Y): 3625219.8

**Radius:** 804.67

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.

11/17/22 10:36 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

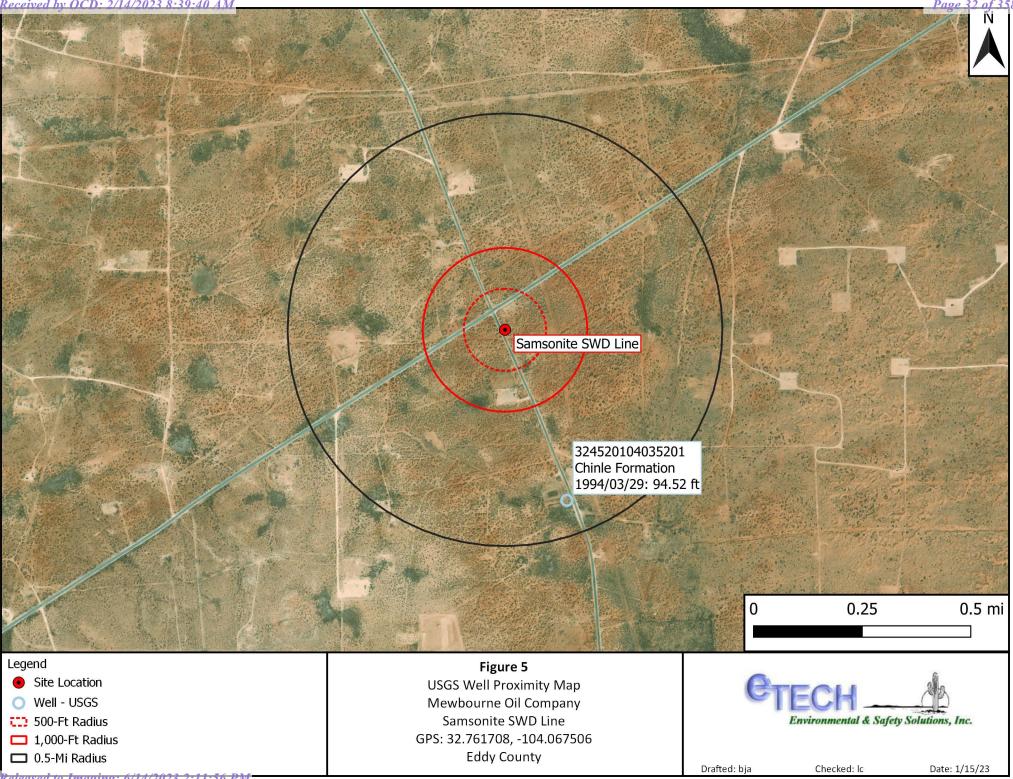
Page 31 of 358

Data table extracted from the "2014 Annual Monitoring Report" for the Ballard Grayburg 5-Inch release site (2RP-0053).

# TABLE 12014 GROUNDWATER ELEVATION DATA

#### PLAINS MARKETING, LP BALLARD GRAYBURG 5-INCH EDDY COUNTY, NEW MEXICO PLAINS SRS #: 2004-192 NMOCD REFERENCE #: 2RP-0053

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-2	2/17/2014	3,497.90	-	145.38	-	3,352.52
	11/20/2014	3,497.90	-	145.68	-	3,352.22
MW-3	2/17/2014	3,497.91	-	146.48	-	3,351.43
	11/20/2014	3,497.91	-	145.70	-	3,352.21
NOTE:	RW-1 Plugged &	Abandoned May	/ 11, 2006			



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Ο

Click forNews Bulletins

Groundwater levels for the Nation

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

#### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 324520104035201

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 324520104035201 18S.29E.10.34310

Eddy County, New Mexico Latitude 32°45'20", Longitude 104°03'52" NAD27 Land-surface elevation 3,478 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Chinle Formation (231CHNL) local aquifer.

**Output formats** 

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

Date \$	Time \$	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical ≎ datum	? ≎ Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1983-04-12		D	72019	138.87			1	Z			A
1986-06-05		D	72019	153.73			1	S			A
1990-09-19		D	72019	140.74			1	S			А
1994-03-29		D	72019	94.52			1	S			А

#### Released to Imaging: 6/14/2023 2:11:56 PM

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

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2023-02-10 16:09:02 EST 0.3 0.25 nadww02 USA.gov

# **Appendix B Field Data & Soil Profile Logs**

Received by OCD: 2/14/2023 8:39:40 AM



Sample Log

Date:

11-18-22

Project: Samsonite 3-4 B2NM Fed Com 1H Project Number: pending Latitude:

32.761389

Longitude: -104.067341

LRA Sample ID	PID/Odor	Chloride Conc.	GPS
& P/c Sunt.	-	4464 32.761953	-104.067667
SP/al'ez	_	1916e2 468	
SP 20 dent.	-	13428 32.761967.	-104.067546
1 P2 e 1020 304	-	1263402 983603628 44952	
of P 3c ofunt.	-	> 36.703 32.761822	-104.067.390
JP zele Zezet	-	3472 02 912 03 60404912	
2P 40 Surf.	-	264 32761724	-104.067394
		re e	72 N
SP 5 e durt.	-		-184.067316
aP 50 lede 304	-	9030ea 5676es 7756e4 4464	
SP 6 e Surf.	-		-104.067149
SP 60 1020304	-	151080 56763904044112	
SP 7° Surf.	-	23252 32.76/212	-164-067144
21P7e10203 e4	-	663602 91203 71604 452	
SP 8° durt.	-		- 104,066978
B / 8 ~	-	5244ez 604e3 844e4 780	
alp 90 dul.			-104.066732
8 990-	-	9030ez 71 76ez 4 52	
& P 10 ° Lurl.	-		- 104.066604
eP/0e)e2	-	<u>5.464ea</u> 500	
SP 1 e Surf -	-	>26703 32.760875	-104.066724
2PIIBe oà	-	5904 ez 500	
SP 12e durt.	-		-104.066661
JP 1201 02	-	3393 ea 228	
SP13e sun.	-		-104.067644
2P13e1'e2:2:4	-	5464 e2 500.3 136.4 1400	
PH Sunt.	~		-104.087664
p 14e l'e 2:3	-	11916 02 47 24 03 5 5 2	LAILAITEIL
SP 150 Jul.	~	9.372 a 32.761711	-104.067546
& P /5e / e2 = 3	-	9.372e2 2864-3328	
SP16e Sunt.	-	7.432	
SP 160 1°02	-	546402 500	
SP 17e Sunt.		3672 32.761512,	-104.067488
× P /7e / e 2 = 3 = 4		9372 e2 844 e3 780 e 552	
2P/8e day.	-		-104.067000
2 P 180 1'02:354		11916-21 2952-3 12952-4 5464	
Sample Point = SP #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b

e Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

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

**GPS Sample Points, Center of Comp Areas** 



# Sample Log

Date:

Project: Samsonite 3-4 B2NM Fed Com 1H Project Number: pending Latitude:

32.761389 L

Longitude: -104.067341

Chloride Conc. GPS Sample ID PID/Odor 260 32.761494 HI= Suit. -164.067516 W 24 Hlel -104.067080 32.76112 20 Suf. 292 172 2e -32.761023 3e Suf -104.066604 -72 290 3e -104.066661 4e Surf. 24 32.760186 260 ye 32,762034 -104.067693 · Surt. 292 -2 e 60 -104.066663 leSurt. 552 32.760846 e] 172 --104.067051 H 2eSuit. 32.761218 292 -124 H 2el --104.066965 552 32.761147 EH3.S.f. -EH301 328 -H40 Suff. 408 32.760703 -104.066619 E 124 H4e1' -HleSuff. -104.066 534 408 32.760317 2 -72 0 SH -

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Sidewall = SW #1 etc

Refusal = SP #1 @ 4'-R Soil Intended to be Deferred = SP #1 @ 4' In-Situ Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas



## Sample Log

 Project:
 Samsonite 3-4 B2NM Fed Com 1H
 Date:

 Project Number:
 17123
 Latitude:
 32.761389
 Longitude:
 -104.067341

Sample ID		PID/Odor	Chloride Conc.	GPS		
FLIQ2	2.8		328	32.760588,-104.06605		
SWI	3.2		408	32.760654,-104.066141		
FL2 C2	3.8		552	32-760603 ,-104.066 590		
FL3 @Z	3.2	-	408	32.760565, -104.066736		
WW 1050ft	A	-	1840			
250			1.364			
FLYEZ	3.0	-	320	32.760747, -104.066355		
FLSEZ	3.2	-	424	32-760176, -104.066267		
FLGEZ	4.2		688	i.		
F16@3	3.6		520	32.760699,-104.061690		
FL7 e3	2.0	-	400	32.760880,-104.066647		
WWI	2.4		264	32.760715, -104.066673		
EWI	2.8	-	340	22.760715,-104.066673		
FL8@3	2.8	-	340	32.760 910 -1011.06617		
FL9@3	2.6	-	300	32.761005, -104.0666 89		
FLIDEZ	3.8	-	572	32-761001, -104.066586		
SW2	3.4		468	32.761001, -104.066586		
NWI	2.6 -	-	300	32.761861, -104.066585		
FLII@3	3.4	-	300	32761102,-100 016597		
F2 12@3	24		2,64	32 761145, -104.0661 BC		
SW3 6-1051	7.0		1916	-		
EWR	3.2	-	424	32.761181 - 184.066562		
FLISP 3	32	-	424	32.761093-104.066760		
FL14 05	3.8	1	572	32.761092, -104.066760		
FLISE3	28	*	340	32.761092,-104.066760		
FLIGQA	3.6	5	520	32.761160 -104.066801		
FLITEN	2.6		300 .	32.761160 ,- 104,066801		
\$W3	28	-	340	32.761065 - 104.06684		
NW2	3.2		424	32.761161, -104 066500		
EWZ	2.2		232	32 781160, -104 066481		
FL18@4	2.8	-	340	32.761160, -104.05648		
FLIGQY	3.8	-	552	32.761156, -104.016 86		
FL 2004	4.2		660	32.761158, -104. 06685		
FL 21 24	3.2		408	32.761126, - 104.067009		
FL 2204	3.4		452	52761126, -100.067009		
FL 2384	610	-	1308	32.761261-104.067009		

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R Resamples= SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Sidewall = SW #1 etc

Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas



Sample Log

Date:

Longitude: ~104.067341

Project: Samsonite	3-9 152 NM	Fed Con I H	
Project Number:	17123	Latitude:	į,

32.761389

Sample IC	)	PID/Odor	Chloride Conc.	GPS
FL24 CU	4.0		604	32.741172,-104.067032
FL2504	4.6		780	32.761101 - 104.066953
F235 @4	5.8		1220	32-211101 -104.0667195
F136 @4	3.2		408	32.76/142,-100 067/95
F133 64	4.0		604	32.76113, -104.667183
FL34 @4	4.8		844	32.76113, -104.067183
5~4	3.2		408	52.761073,-104.066888
FL26 84	3.4	-	452	32.761168, -104,0669417
FL2784	3.6		500	32.76/168, -104.066947
NW3	2.8	-	328	32.761180, -104.066915
FL28 24	4.6	-	780	32 761082, -104.067110
FLLGCY	5.8	-	1,220	32.74092,-104.017013
FL3004	4.0	10000000000	604	32.761012, -104.067065
FL 31 04	3.8		552	32 761092, -104,067063
FL 3204	3.6		500	32.761092,-164.067063
EW4	3.8	-	552	32.761426,-104.067024
FL 37 24	3.0		368	32.7614 82, -104.057042
FL38@4	5.6		1136	32.761426, - 109.061 84
FL39@4	5.4	-	1,052	32.761342,-104067062
FLYDQY	4.2	-	660	32.76 335, -104.067191
NW4	3.6		500	32-761539,-104.067131
JWS	3.0		368	32.761371,-104.067091
FL41	3.Z		408	32.761543 - 104.066967
F1:42	6.4		1,500	32.76 14 56, -104. 067085
FL 4 3	3.6		500	32.761561 ,- 104 .067210
FLYGE3	90		4 506	4
FL44@4		-	5504	32.761406, -104.067140
want			1220	
WWZ			844	
WWZ	2.8		328	32.761376,-104.067156
WWS -	3.8		552	32.161376,109.067156
546	2.8		328	32.761374, 104.067156
R45	2.6	-	292	126.161557, -104.067247
F46	6.8	-	1,716	32.761437, -104.067236
FLY7	7.8		2444	32-761473, -104.067221
FLY8	4.8		844	32.761473, -104.067221

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

NW 1B

Sidewall = SW #1 etc

Refusal = SP #1 @ 41-R Soi! intended to be Deferred = SP #1 @ 4' in-Situ

Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas

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Floor = FL #1 etc



Sample Log

Date:

Project: Samsonite 3-4 732 NM Fee Cory 1 H

Project Number:

17123 Latitude: 32.761389 Longitude: - 100.067341

Sample ID		PID/Odor	Chloride Conc.	GPS
FL 49 @Z			1716	
FL50@2 .			1136	
FL49 @4	7.8		2444	32.761548,-104.66671
PC SOC 4	4:0		604	32.761548,-104.066991
FL51 QU	7-8		2444	32.761547,-104.067244
FL5204	7.2		2,112	32. 76 1547 -104.067244
EWS BULLA			604	
WW4 05.		-	604	
FL 53 @ 4	3.8		2,624	32.761572,-104.067377
FLSYQY	5.245		4,772	32.761505, -104.067297
FL 55@4	6.2 HS		7,020	32.761358, -104.067109
F1 56 @4	1.2 HS		7,020	32.761529, - 104.067308
EWS	3.6		500	32.761478, -104.067260
FL 57 @ 4	5.8 Hs		5.968	32.761534,-104,067277
FL 58 84	6.0HS		6,468	32,761580-104.067259
FL 54@4	4.2415		3,116	32 76 15418,-104.066991
FL 60 @ 4	6.2		7,020	32-761548,-104.06991
	6.6		1,604	32.761528, - 104,06728z
	1.0115		2,860	32.761528,-114,067282
FL63 @4 .	5-0 45		4,326	32.761626,-104,067309
	7.0		1840	32.761801 -, 104.062177
WW4	3.4		500	32.761453, -104.067929
	3.2	Constanting of the local diversion of	452	32761553,-104.007319
EW7 @ loft (	5.8 HS		5968	
	4.2 43		3,116	
EWT@loft	6.6		1.604	
SW7	3.4	-	500	32.76/633 - 104.067083
FL65 @ 4	4.045		2,860	32.761616,-104.067306
FL66 @ 4	6.6	-	1,604	12.761639 -104.667290
FL67@4	3.845	-	2,624	32.761639,-104.061290
FL68 @ 4	7.2		1,968	32.721639,-1041.067290
FL 69	7.2		1,968	32.761560-104.067050
FL70	7.2	attingent the same	1,968	32.761688, -104,067316
FL71	7.8	and the second second	2.444	32.141688, -104.0673/6
WW 5	3.2	and the second s	452	32.761688, -104.067316
EW7	3.0	-	368	32 761560, -104.067650

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

- Floor = FL #1 etc
- Sidewall = SW #1 etc

Refusal = SP #1@4'-R

Stockpile = Stockpile #1

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

GPS Sample Points, Center of Comp Areas

WWS

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Sample Log

Date:

Project: Project Number:

Latitude:

Longitude:

Sample	ID	PID/Odor	Chloride Conc.	GPS
FL72C4	4.8		840	32.761686,-104.067349
EL 73 C 4	4.0 45		2,860	32.761600, -104.061387
FL 74 8 4	4.6		780	32.761686, -104.067349
FL75@4	4.8	- Januar	840	32.741797, -104.067313
F176@4	3.2		452	32.761560, -104. 067050
328	612 415	-	7,020	1 1 1
FL77@4	4.0	-	604	32.761770,-104.067386
SWB	2.6		292	32.761888 -104-067325
FL 78@4	3.2 HS		1.996	32,761859, - 104,067353
FL 79 @ 4	3.8 HS	-	2,624	32,761859, -104.067353
FL 80 C 4	4.0		604	32.761560, -104.067050
NWS	2.8	-	328	32.761883, -104.067471
EWB	2.0	-	200	32.761763, -104.067273
WWG	2.0		200	32.761765, -104.067438
SW9	3.2	-	452	32.761153, -104 .067128
NW6	3.0	-	368	32.761153, -164,067128
FL SI CU	4.2 HS		3116	32.761051, -104,067213
FL82 QU	4.2 HS		3116	32.76118, -104.067362
FLB3QY	7.8	-	2444	32.761243,-104.067311
FL84@4	3.6 45	-CONTRACTOR	2,400	32.761234, - 104.067328
F2 85@4	7.2		1,968	32.761109, -104,067360
FL 86@4	7.2		1968	32.761358-104.067278
				32-761266-104.067274
EW9	3.2	1	452	32.761316, 104.067379
FL87@4	6,6	-	1604	32.761316 104,067379
NW7	3.0		368	32.7613 89, 104.067330
500 10	7.8	and the second second	2.444	,
5.0010	4.0	1	600	
SWID	2.8		318	32,761391,-104.067297
WW7	30	And and a state of the state of	368	32.761266 - 104.067274
FL 88 C4	4.2 HS		3,116	32.761259, -104.067288
FL 89 @4	15	-	2.360	32.721353, -104.067314
WW8	3.6	-	500	32.761268, 104.067344
FL 20 @ 4	6.8		1716	32.761567, 104,062054
FL 91 @4	4.2 HS		3,116	32.761567, -104,062000
FL 92 04	5.2/15	-37002	5.080	32,761357104.067367

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

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

Floor = FL #1 etc



# Sample Log

Date:

Project: Project Number:

Latitude:

Longitude:

Sample	e ID	PID/Odor	Chloride Conc.	GPS
FL 55@5	5.8 AS		5964	
FL 58 8 5	LO HS		6468	
FL 60 @ 5	5.8 HS	-	5964	
FL 93 Q.4	5-6	-	1.136	32.761439,-164.061575
R9464	5.6	~	1,136	32.761419 -1141-067375
FLASCU	6.0	-	1308	32.26/467, - 1021.067789
FL 96 @ 4	4.0		604	32,761491,-104.067388
WW9 Q4	3.0	-	368	32.761370,-1041.067414
FL 97 84	4.8		844	32.761410, -104.007388
FL 98 C4	4.2		660	32.761567, -104.067054
WW10	2.8	-	328	32.761484,-104.067420
EWID	3.8	-	552	32.761484,-104.067420
FL 990 U	3.2	-	408	32.761484, -104.06747
SWII	3.8		552	32.76/60 .104.067552
NWB	3.0		768	32.761663 - 1001.067430
ENI	3 6		500	32.761669-144.062430
FL 100 QU	5.8	-	1,220	32.161678;104.067503
FL 161 @4	4.8 HS	-	3,988	32.761678;104.0675=3
FL102@4	5.8 HS		5,969	32-761678,104.062503
FL 103 @ U	6.8		וֹיָהוֹג'	52.76 1631, 104 .06 75 82
FLIOYCY	4.4 45		3,300	32.761131 -104.667582
FL10504	5.1	-	1136	32.761755 -1012-667579
WWII	2.2	Acces	228	32.761725,-104.087556
FL 106 @ 4	5.2 HS		4,324	32-761709, - 104.067541
WW12	3.8	-	552	32.761758,-104.067754
SWIZ	3.0		368	32.7617 85 ,- 104.067515
FL'107@4	4.2 HS			32.761755-104, 667595
EWIZ	3.4		452	32.761695, -104.067940
FL 108 @4	7.2		2,11.2	32.761845,-104.067517
FL 109 84	6.6		1,604	32.761845, -104.067517
FL 1 10 @ 4	4.2		660	32.761890, -104.067147
FL 111@4	7.2		1,960	32,761890,-104.067647
FL 11204	4.2 16		2,864	32.711840, -104.007647
FL 113@4	6.0	~	1308	32.781884-104.067664
FLIIUCY	4.2	1	660	32.741884-104.067664
F415 @	7.1		1968	32.761816, -104.067709

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1

Floor = FL #1 etc Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

Page 43 of 358

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Sample Log

Date:

Project: Project Number:

Latitude:

Longitude:

Sample ID	i Salan in a da kan da mana ana ana ana	PID/Odor	Chloride Conc.	GPS
EW 13	212	-	228	32,761834,-104.067550
EW14	2.0	-	200	32.761963,104.067781
NW9	3.0	-	368	32-761884 104.067614
FL116@4	5.2		984	32.761977 -104.067702
FL 117 @4	5.2 HS	and the state of t	4.324	32.712607,-104.067619
NWID	3.0		368	32.762095, -1001.067661
SW 17	5.2	-	184	32.761929, -104.067589
SV 13	3.8		552	52-76/974-104.067589
EW15	2.2		228	32.712016, -104.007611
FLIISEY	6.2	-	1400	32.761960, -104.067820
F2119@4	7.6	-	2272	32.762018,-104.06761
			1	
Sample Point = SP #1 (	D ## etc	-	1 Test Trench = TT #1 @ ##	Resamples= SP #1 @ Sb or SW #1b

tiple route - or na e n

Test Trench = TT #1 @ # Refusal = SP #1 @ 4'-R

amples= 5P #1 @ 5b or 5W #1 Stockpile = Stockpile #1

Floor = FL #1 atc

Sidewall = SW #1 etc

Soil intended to be Deferred = SP #1 @ 4' in-Situ

GPS Sample Points, Canter of Comp Areas

4

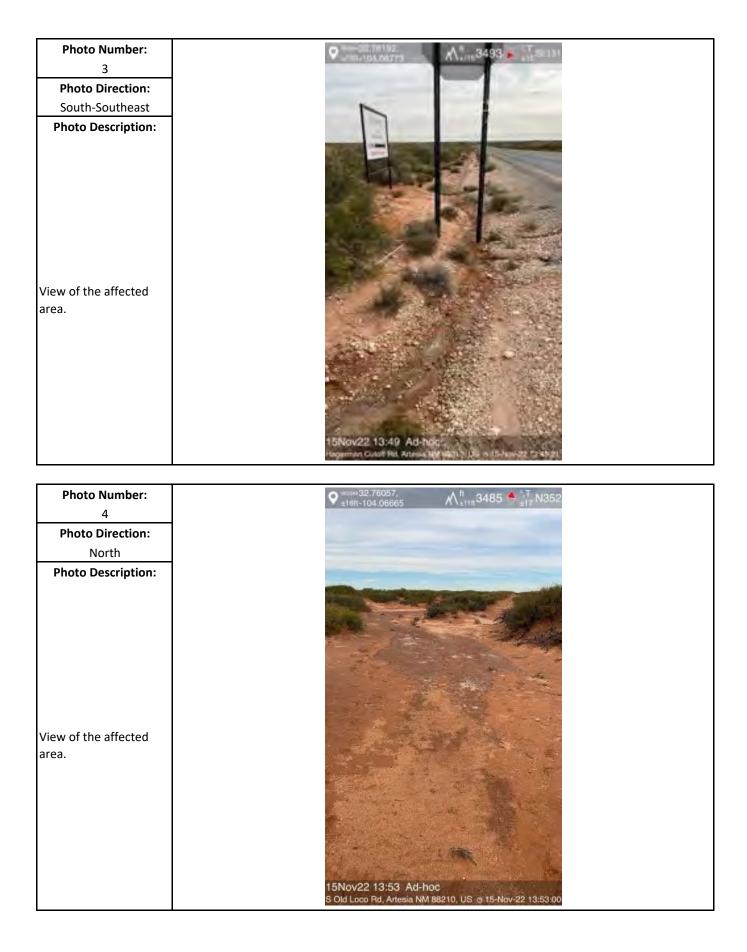
Page	44	of	3	5	8
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TECH			Soil Pro	file	
Environmental & Safety Solutions, Inc.				Date:	
	B2NM Fed Com 1H				10100000
roject Number:	17123	Latitude:	32.761389	Longitude:	-104.067341
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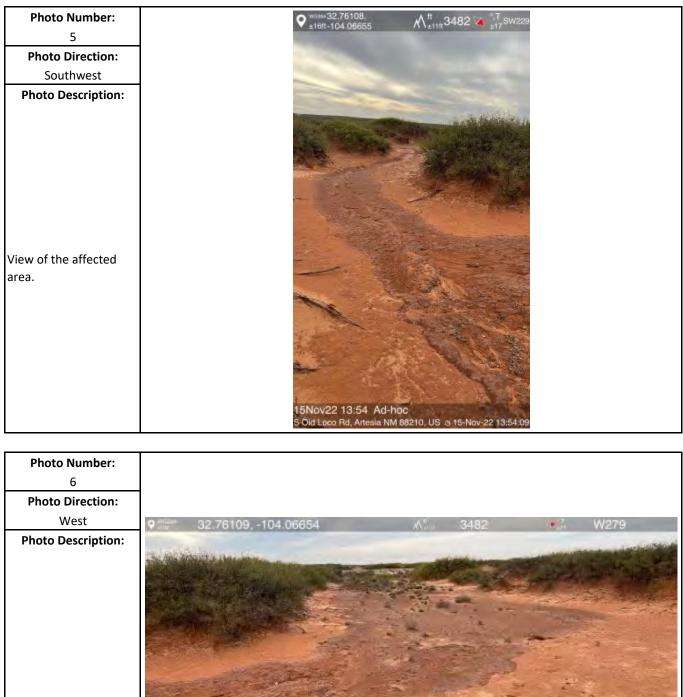
# Appendix C Photographic Log

Photo Number: 1	
Photo Direction:	4
South-Southeast	
Photo Description:	9 32.76182 -104.06748 AL 3487 S158
View of the point of release.	

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South-Southeast	Q #### 32.76205, -104.06766 A. 3483 ■ SE148
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View of the affected area.	TANOY 28 18 49 Address         Monoy 28 18 49 Address         Manament Cond Hab, Annessa And Bab 200, LIS 4 13 - Nove 22 13 49 03



# Photographic Log



area.

View of the affected

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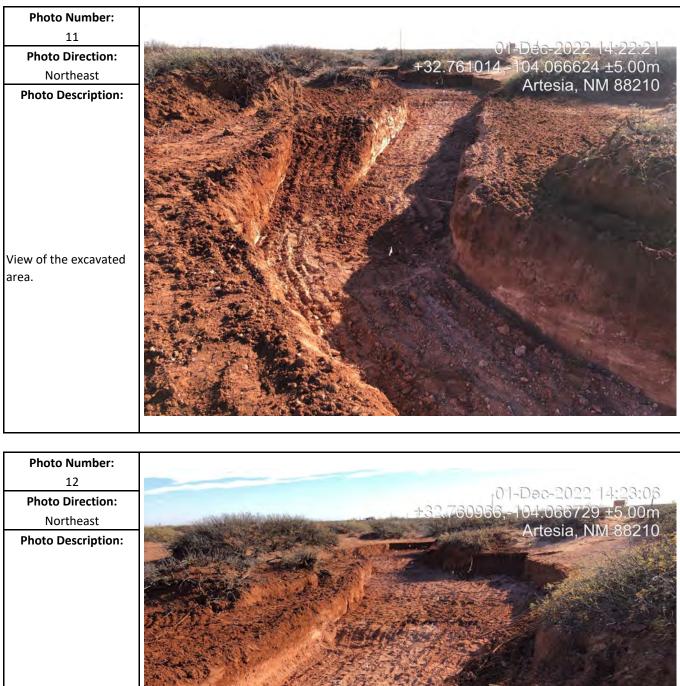
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View of the affected area.				

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South-Southwest	♥ #### 32,76173, -104.06725 AL 3487 SW200
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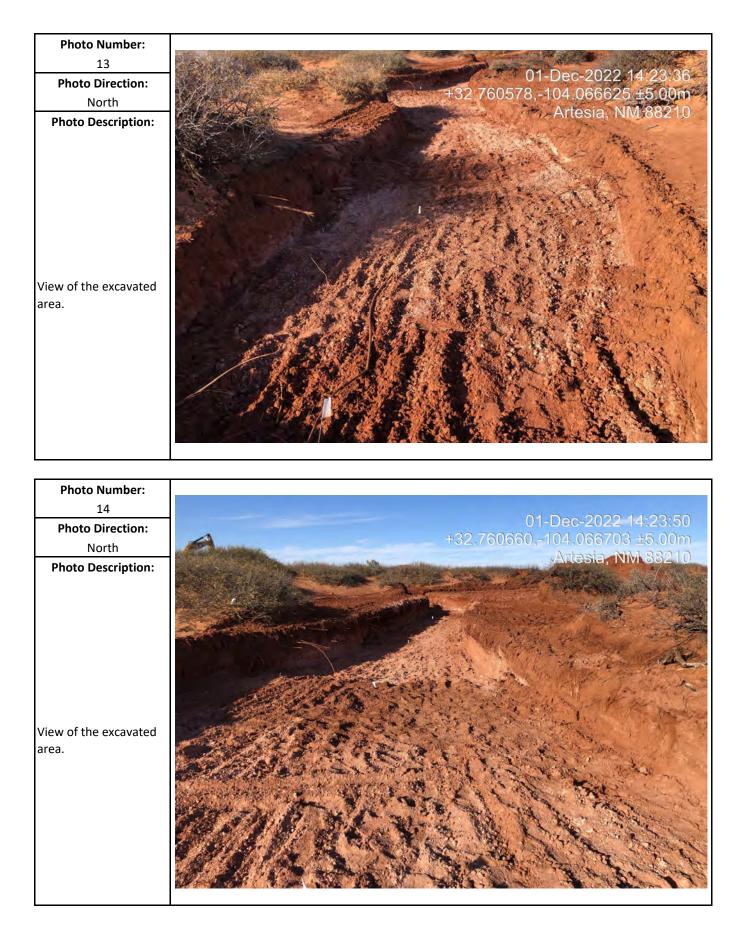
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View of the excavated area.	
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Photo Number:	
10	01-Dec-2022 14:22:04
Photo Direction:	01-Dec.2022 14:22:04 +32.761095104 066544 ±5.00m
North	Artesia, NM 88210
Photo Description: View of the excavated area.	

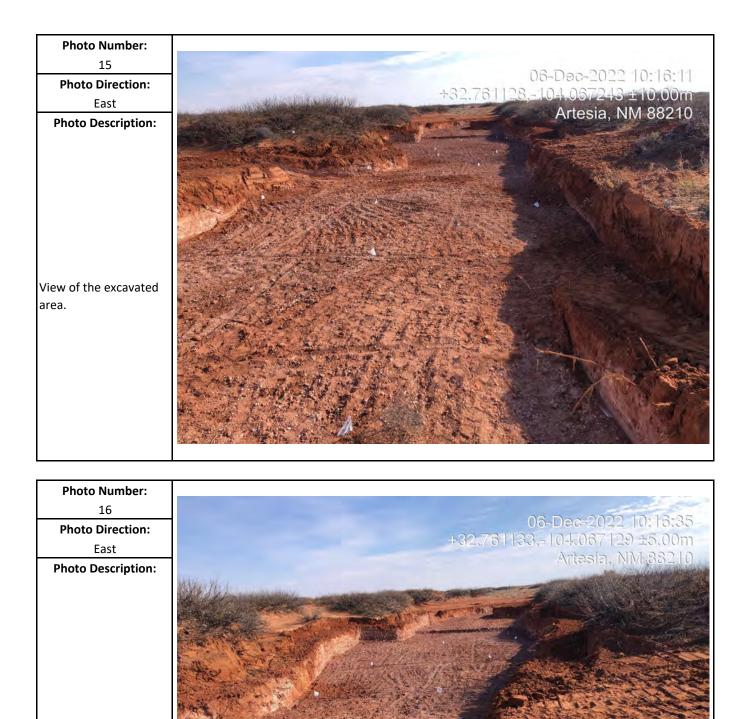


View of the excavated area.





# Photographic Log



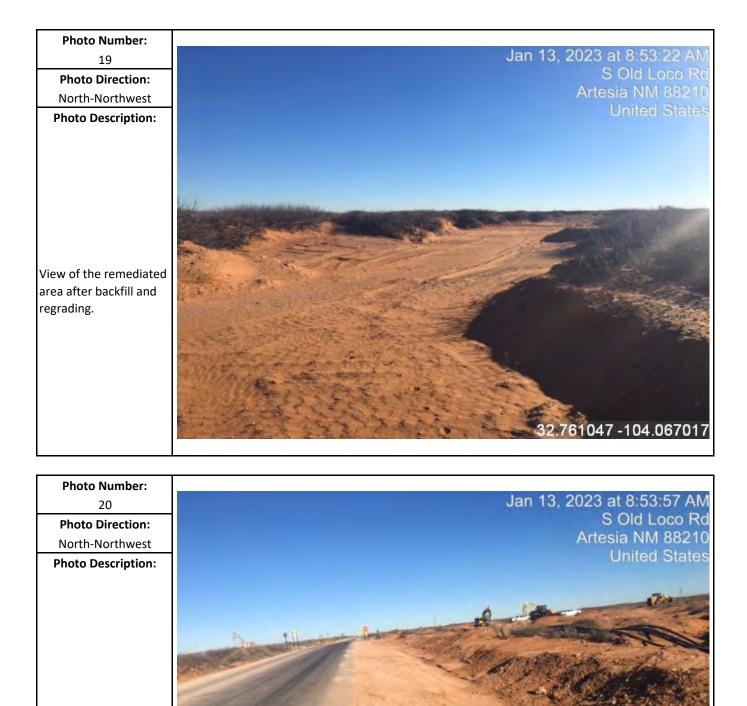
View of the excavated area.

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# Photographic Log







View of the remediated area after backfill and regrading.

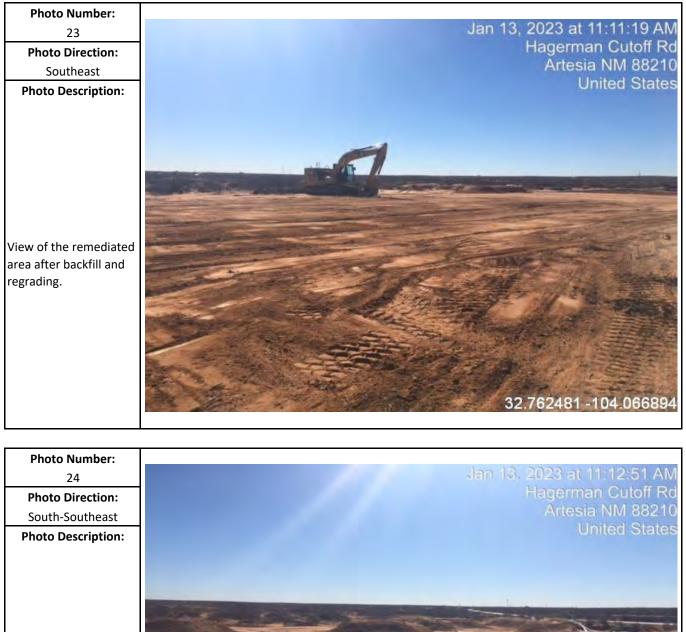
32.761025 -104.067231

# Photographic Log





## Photographic Log



View of the remediated area after backfill and regrading.

32.762039 -104.067397

# **Appendix D Laboratory Analytical Reports**



November 23, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 16:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 1 @ SURF. (H225472-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.7	% 46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 1 @ 2' (H225472-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	94.8 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 %	6 46.3-17							

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 2 @ SURF. (H225472-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14600	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	10.5	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	8						

## **Cardinal Laboratories**

\*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 2 @ 4' (H225472-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/22/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.4	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 3 @ SURF. (H225472-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/22/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22200	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	73.0	45.3-16	1						
Surrogate: 1-Chlorooctadecane									

## Cardinal Laboratories

\*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 3 @ 4' (H225472-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/22/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	71.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 4 @ SURF. (H225472-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/22/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	64.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.5	% 46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 5 @ SURF. (H225472-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.04	102	2.00	12.2	
Toluene*	0.166	0.050	11/22/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	0.198	0.050	11/22/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	0.228	0.150	11/22/2022	ND	6.27	105	6.00	13.9	
Total BTEX	0.633	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	32.5	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	66.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.9	% 46.3-17	8						

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#### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 5 @ 4' (H225472-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/22/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.1	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 6 @ SURF. (H225472-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/22/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	15.1	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	74.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.2	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 6 @ 4' (H225472-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	11/22/2022	ND	400	100	400	3.92	
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	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	102 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 7 @ SURF. (H225472-12)

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	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98. <i>3</i>	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19000	16.0	11/22/2022	ND	400	100	400	3.92	
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	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	98.8 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

## Sample ID: SP 7 @ 4' (H225472-13)

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	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/22/2022	ND	400	100	400	3.92	
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	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	65.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.3	% 46.3-17	8						

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#### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 8 @ SURF. (H225472-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	11.9	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.2	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 8 @ 4' (H225472-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.1	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 9 @ SURF. (H225472-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	35200	16.0	11/22/2022	ND	416	104	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.1	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 9 @ 3' (H225472-17)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	80.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.3	% 46.3-17							

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 10 @ SURF. (H225472-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	78.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 10 @ 2' (H225472-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.6	% 46.3-17	8						

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#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 11 @ SURF. (H225472-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98. <i>3</i>	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	41200	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	209	104	200	0.0835	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.9	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 11 @ 2' (H225472-21)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17							

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#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 12 @ SURF. (H225472-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42000	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

### Sample ID: SP 12 @ 2' (H225472-23)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.04	102	2.00	12.2	
Toluene*	<0.050	0.050	11/23/2022	ND	2.26	113	2.00	12.5	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.08	104	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.27	105	6.00	13.9	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane									

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

### \*=Accredited Analyte

whe Sigh

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

	101 East Marland, Hobbs, NM (575) 393-2326 FAX (575) 393	2476		Ro	ut	ine	2				_					101					
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	Lance Crenshaw							P.O. #: Company/Mexpourne													
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ity: Hobbs	State: NM	Zip	: 88	240			At	itn:	Jeff	Broom	DI DI T										
	) 264-9884 Fax #:			-			A	Attn: Jeff Broom Address: 480/Burgers Pr										1			
Project #: [7]	23 Project Ow amsonite 3-4 B2NM	10F: /	au	600	110				Hobbs		4.11.0		ê	â							
		ted	Co	- 1	H		St	State: NM Zip: 88240				qe	15N	021							
Project Location							PI	hone	e #:			Chloride	TPH (8015M)	BTEX (8021B)							
ampler Name:	Eric Mojica	-	-	_			_	ax #	-		10	5	Hd	TE)							
FOR LAB USE ONLY		0			MA	TRIX	1	PR	ESERV.	SAMPLI	NG			00							
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5	SP 3ª Surf.	G	-		V				1		1	1	1	1							
le	SP3e4	G			1				1			1	1	$\checkmark$							
7	SP 4e Surf.	G			V				1			V	1	1							
8	SP 5e Suff.	G			1				1			V	1	1				-			
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101 East Marland, Hobbs, NM 88 (575) 393-2326 FAX (575) 393-2			Rou	ti	ne							2.	+3							
ompany Name: Etech Environmental & Safety Sole	itions	, Inc					B	ILL TO			ANALYSIS REQUEST									
roject Manager: Lance Crenshaw						P.O.														
ddress: 2617 W Marland						Com	pany /	lerbou.	rne	14										
ity: Hobbs State: NM	Zip	882	240			Attn:	Jef	Broon	n											
hone #: (575) 264-9884 Fax #:						Attn: Je ff Broom Address: 4801 Business P. EBL														
roject #: 17123 Project Own roject Name: Samsonife 3-4 B2NM F	er: M	en.	bours	e		City: Hobbs						=								
roject Name: Samsonite 3-4 B2NM F	edl	Co,	- 11-			State: NM Zip: 88240					5M	218				1				1
Project Location:						Phor			Chloride	TPH (8015M)	<b>BTEX (8021B)</b>									
ampler Name: Eric Majica						Fax	#:			Ch	H	EX.								
FOR LAB USE ONLY	T			MATR	IX	P	RESER	SAMPL	ING		F	19								
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER :	ICE / 0000	DATE	TIME											
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13 SP 704	G	1		1			1	K		V	1	1								+
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15 SP 804 10 SP 90 Suff.	G	1		1			1	K		V	V	1	-		_			-+-		+
10 SP ge Suit.	G	1		1			1	$ \rightarrow $		V.	V	1	-					-		+
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EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy to abvase. All claims including these for nonlinence and any other cause whilesever shall be	r any clair	m arisi	ng whether	based in	contract	or tort, sl	hall be limite	t to the amount pr	id by the client for	the	1 V			-	_				_	
rvice. In no event shell Cardinal be liable for incidental or consequential damages, inclus filiates or successors arising out of or related to the performance of services hereunder b																				
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Delivered By: (Circle One) 4.7: C. O.U	C		Co	ol In	Yes No			itials)												

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 39 Company Name: Etech Environmental & Safety		1=-	Ro	vt	in	e	10.000	11.4		11 200		-				-+3		DEOL	IFOT		
Company Name: Etech Environmental & Safety Project Manager: Lance Crenshaw	Solutions	, inc					2.0.	the second second second	1	LL TO				-	ŕ	ANALI	ISIS	REQU	IEST	TT	
Address: 2617 W Marland									M	embourn							1				
City: Hobbs State: NM	A Zip	: 88	240		-		ttn	TJ		R	ie									1 1	
Phone #: (575) 264-9884 Fax #:						T,	ddn	1 200	80	Broom	PLRI										. 1
Project #: 17123 Project O	wner: M		have	r A P		d	City:	Hol	54	\$	TADIN										
Project #: 17123 Project O Project Name: Samsonite 3-4 B2N/	1 Fed	C	2	H		9	State	NM	1	Zip: 884	140		(WS	18)							
Project Location:	. Ea		1 1				hon	_				Chloride	TPH (8015M)	BTEX (8021B)							
Sampler Name: Eric Mojica						-	ax a					Chi	H	EX							
FOR LAB USE ONLY		Г	+	MA	TRIX		P	RESER	RV.	SAMPLI	NG		1	BT							
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LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive rem- nalyses. All claims including those for negligence and any other cause whatsoever										to the amount pair	d by the client for	the	bla						_		
ervice In no event shall Cardinal be liable for incidental or consequential damages, Milistes or successors ansing out of or related to the performance of services hereur	ncluding witho	ut Handle	ntion, bush	nees ini	temptic	me, Ion	i of and	or loss	of pro	offin incurred by c above stated re											
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November 29, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 11/21/22 15:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 13 @ SURF. (H225487-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9060	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

#### Sample ID: SP 13 @ 4' (H225487-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 14 @ SURF. (H225487-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/29/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

#### Sample ID: SP 14 @ 3' (H225487-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	<i>98.3</i>	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 15 @ SURF. (H225487-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

#### Sample ID: SP 15 @ 3' (H225487-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 16 @ SURF. (H225487-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

#### Sample ID: SP 16 @ 2' (H225487-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/22/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	105 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 %	6 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 17 @ SURF. (H225487-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8320	16.0	11/22/2022	ND	400	100	400	7.69	QM-07
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 17 @ 4' (H225487-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 18 @ SURF. (H225487-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: SP 18 @ 4' (H225487-12)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	202	101	200	3.24	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	199	99.4	200	0.00252	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	100 \$	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: NH 1 @ SURF. (H225487-13)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.92	96.0	2.00	7.81	
Toluene*	<0.050	0.050	11/23/2022	ND	2.16	108	2.00	9.03	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	1.96	97.8	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	5.91	98.5	6.00	8.94	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: NH 1 @ 1' (H225487-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	68.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.0	% 46.3-17	8						

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# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: EH 1 @ SURF. (H225487-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: EH 1 @ 1' (H225487-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.2	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: EH 2 @ SURF. (H225487-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.8	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: EH 2 @ 1' (H225487-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.4	% 69.9-14	0						
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	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	75.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.5	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: EH 3 @ SURF. (H225487-19)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/22/2022	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	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.8	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: EH 3 @ 1' (H225487-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/22/2022	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	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.6	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

### Sample ID: EH 4 @ SURF. (H225487-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.9	% 69.9-14	0						
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	11/22/2022	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	11/22/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	75.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.0	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

#### Sample ID: EH 4 @ 1' (H225487-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: WH 1 @ SURF. (H225487-23)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	77.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: WH 1 @ 1' (H225487-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	73.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.2	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: WH 2 @ SURF. (H225487-25)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	84.1	45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.2	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

## Sample ID: WH 2 @ 1' (H225487-26)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: WH 3 @ SURF. (H225487-27)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.2	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: WH 3 @ 1' (H225487-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: WH 4 @ SURF. (H225487-29)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	'8						

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Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

#### Sample ID: WH 4 @ 1' (H225487-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.8	% 69.9-14	0						
Chloride, SM4500Cl-B	nloride, SM4500Cl-B mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	82.2	% 46.3-17	<i>'</i> 8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

#### Sample ID: SH 1 @ SURF. (H225487-31)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	84.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	71.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.6	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/21/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	Cool & Intact
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

# Sample ID: SH 1 @ 1' (H225487-32)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/23/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.962	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.32	105	6.00	0.0668	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	16.0	16.0	11/22/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	182	91.1	200	6.88	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	193	96.4	200	8.63	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	86.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.4	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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											e ≢: ⊾	-			Chloride	TPH (8015M)	BTEX (8021B)							
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ompany Name: Etech Environmental & Safety Solu	tions, Inc					a day of the	ILL TO	1	-			ANAL	YSIS R	EQUES	T	-
roject Manager: Lance Grenshaw					P.O. #		A. 4									
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	Zip: 882	240		1	Attn:	Jet	+ Broo	m Pet.Blue								
hone #: (575) 264-9884 Fax #:		1			Addre	ss: 4	SOLBWIG	rs Petellus								
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	Com	IH					Zip: 88	240	- Pi	15N	021					
roject Location:				-	hone				Chloride	TPH (8015M)	BTEX (8021B)					
ampler Name: Eric Majica					ax #:	-	V. SAMP	INC	ō	Hd	TE					
FOR LAB USE ONLY	<u>a</u>		ATR		PR	ESER	V. SAMP	LING								
Lab I.D. Sample I.D.	G)RAB OR (C)OMP CONTAINERS	3ROUNDWATER MASTEWATER	SOIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	DATE	TIME								
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Page 124 of 358



December 01, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 11/29/22 16:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/01/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 1 @ 2 (H225587-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/30/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	11/30/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/01/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 2 @ 2 (H225587-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	11/30/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	<i>93.8</i>	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/01/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 3 @ 2 (H225587-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	11/30/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.5	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/29/2022	Sampling Date:	11/29/2022
Reported:	12/01/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 1 (H225587-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	11/30/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	11/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/30/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2022	ND	219	110	200	5.02	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	227	114	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	<i>93.7</i>	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**RDINAL LABORATORIES** 

101 East Marland, Hobbs, NM 88240

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

Company Name	e: Etech Environmental & Safety Solu		BILL TO	ANALYSIS REQUEST
Project Manage	r: Lance Crenshaw	1	P.O. #:	
Address: 261	17 W Marland		Company Mew Bourn	] ]
City: Hobbs	State: NM	Zip: 88240	Attn: Jeff Broom	
Phone #: (57	5) 264-9884 Fax #:		Address: 4 Boi Bus Par Blue	
Project #:	Project Owne	r:Mew Bourn	city: Hobbs	
Project Name:	Samsonite 3-4 B2NM	Rec Com 1 H	State: // My Zip:	
Project Locatio	Sawsonite 3-4 B2NM n: Rural Loco Hills		Phone #:	Chloride Chloride BTEX (8021B)
Sampler Name:		/	Fax #:	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	
Lab I.D. HZZ5587	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACIDIBASE: ACIDIB	
2	FL 2@ 2		11-29 4:28	
3	FL302		11:29 4:28	
4	SWI		11-29 4:28	
PLEASE NOTE: Linhing a	nd Damages. Cardinal's liability and client's exclusive remedy for a	any claim arising whether based in contra	ct or fart, shall be implied to the amount pair by the client i	
analyses. All claims includ	ing these for negligence and any other cause whatsoever shall be cardinal be liable for incidential or consequential damages, including	deemed waived unless made in writing a	and received by Cardinal within 30 days after completion of	f the applicable
	ing out of or related to the performance of services hereunder by ( V: Date://-29 Time: 4:28	Cardinal, regardless of whether such clair Received By:	m is based upon any of the above stated reasons or other Phone R Fax Ress REMARI	wse. Result: □ Yes □ No Add'I Phone #: ult: □ Yes □ No Add'I Fax #:
Sampler - UPS	: (Circle One) - Bus - Other: 19,4 2/18		ition CHECKED BY: (InitIals) No	
FORM-0 Revision	1	ardinal cannot accept v	erbal changes. Please fax written	changes to 575-393-2476

Received by OCD: 2/14/2023 8:39:40 AM

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C



December 05, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 11/30/22 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 1 (H225619-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	2.12	106	2.00	15.7	
Toluene*	<0.050	0.050	12/03/2022	ND	2.12	106	2.00	15.9	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.08	104	2.00	15.1	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.44	107	6.00	15.6	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	199	99.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: WW 1 (H225619-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	2.12	106	2.00	15.7	
Toluene*	<0.050	0.050	12/03/2022	ND	2.12	106	2.00	15.9	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.08	104	2.00	15.1	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.44	107	6.00	15.6	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	199	99.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW 1 (H225619-03)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	2.12	106	2.00	15.7	
Toluene*	<0.050	0.050	12/03/2022	ND	2.12	106	2.00	15.9	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.08	104	2.00	15.1	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.44	107	6.00	15.6	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					
Surrogate: 1-Chlorooctane	93.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 2 (H225619-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					
Surrogate: 1-Chlorooctane	92.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.6	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 4 @ 2 (H225619-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.2	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 5 @ 2 (H225619-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 6 @ 3 (H225619-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 7 @ 3 (H225619-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 8 @ 3 (H225619-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 9 @ 3 (H225619-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
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	12/05/2022	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	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 10 @ 3 (H225619-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/05/2022	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	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	87.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	11/30/2022	Sampling Date:	11/30/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 11 @ 3 (H225619-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	1.99	99.6	2.00	5.88	
Toluene*	<0.050	0.050	12/03/2022	ND	1.99	99.3	2.00	4.81	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	1.97	98.4	2.00	6.31	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.06	101	6.00	5.51	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.2	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name:	Etech Environmenta	8 Safety Soluti	ions,	Inc							BIL	LT	0						A	NAL	YSIS	RE	QUE	ST			
Project Manager:	Lanc Cre	nshaw						1	P.O. 1	k:	-																
Address: 2617								0	Com	ban	y Me	Wbou	urn		1												
City: Hobbs		State: NM	Zip:	882	240			_		_		Bros			1												
Phone #: (575)	264-9884	Fax #:	-					_						KBIVd													
Project #:		Project Owner	: M	ewi	bev	rn					obl		100		1		1							1			
	iamsonite 3-41					-		_		-	M		-			Ŵ			-1								
Project Location									Phon	-	-				PE	01											
Sampler Name:	Domin:c			-				-	ax i	-			-		Chloride	TPH (8015M)		<									
FOR LAB USE ONLY	4		Í			MA	TRIX	_	-	-	ERV.	SAN	IPLI	NG	1°	F	E							1			
Lab I.D. H725619	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	QIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	OTHER ;	DAT		TIME													
	EWI					V	1					11-3	30	4:20	V	V	1									-	
	WWI					1			+			1	_	1	1	1				_				-	-		
	NWI					11	-		1			-	_		$\downarrow$	$\square$	-	11	-				-	-		-	-
	SW2				1	-11	1		+	-		-	_		11	11	+	4	-	_	_		-	-	-	-	
	FL4@2		-				-		+	+	$\square$		_		11-	11	+	11	+					-	-	-	-
	FL502		-				+		+	+	+-	-+	-	1	++-	11	+	$\square$	+	_	-	-	-	+	-	-	+
	FL 6@3			$\square$	+		+	$\left  \right $	+	+	+	-+	-		++-	++-		+	+	-		-	-	+	+	-	
	FL7@3		+	Н	+		+	$\left  \right $	+	+	+-		-	-		++-	+	+	+		-	-		+	-	-	+
7	FL 8@ 3 FL 9@ 3		-		+	-	1		+	+	+-	y	-	1	11	1		++	+			-	+	+	+		+
Delivered By:	dual be linkly for holdential or concern g out of or related to the performance i il Casarrez	surve whatboover shall be worthind damages, including of services hereunder by C Date: [/-30 Time: 4:2.c Date: f Time:	Re Million Cardina Re Million Re	d wale	d unles flos, be diess of red E red E	a made almos i wheth By: UUU By: ampl	e Cou	ng and ( lone, loo claim is 2 /	based i	by California and Cal	see of pro-	ED BY	nd by d	by the client for completion of linet, in substitu isons or othern Phone R Fax Rest REMARM	esult: <u>JIt:</u> (S:		es_		0	Add'l	Phone Fax #:		teche	env.co	m.		

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name:	Etech Environmental	& Safety Solution	ons,	Inc.							BIL	LTO			-			ANA	LYSI	S RE	QUE	ST		
Project Manager		enshav						P	.0. #	-														
Address: 2617	7 W Marland							c	omp	any	Me	wborr	n											
City: Hobbs		State: NM	Zip:	882	40			_		-		Broom												
Phone #: (575	5) 264-9884	Fax #:						_				1 bus A												
Project #:		Project Owner:						_	_	_		203												
Project Name:	Samsonite 3-1	4B2NM	Fe	2	Can	11	H	_	tate:					0	SM)	218								
	: Aural Loc								hone					Chloride	TPH (8015M)	BTEX (8021B)								
Sampler Name:								-	ax #:					Chi	H	EX								
FOR LAB USE ONLY	- Contraction			Π		MAT	RIX		_	ESE	RV.	SAMPLI	NG	1	H H	BT		1						
Lab I.D. H225619	Sample I.I	D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	SOIL	ØIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME											
	FL10@3				-	1	1	-	+			11-30	4:20	V	KV	V	1	-	-	-	-		-	
12	FL 11@3		-	Н	-	r		-	+	-		11-30	9:20	V	V	V	-	-	-		-			
				$\square$				-	+	-				-	-	-	-	+	+	-				
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			-	Н	-	+	+ +	+	t	-			-	-	-	+	+	+	+	+	+		-	-
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analyses. All claims incluit service. Is no event shall C additional services and the service Relinquished Br Relinquished Br Delivered Br	v: : (Circle One)	use whatscover shall be d sorial damages, including	Re Ardina Re Re	d walve at limits ceiv ceiv	d unleen lion, bun diess of red B red B	inees in whether	n wellin terrupili such o	e and re one, lease laim is t		crites on any CH	dinal wi s of pro y of the	tion 30 days after this incarred by a above stated re	r completion of t Sent, its subsidie	the application of the second se		es E	No No Copy	Add	I Phone I Fax #: OC to p		techer	nv.com		

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December 06, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/01/22 16:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 2 (H225649-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	1.76	87.8	2.00	5.94	
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	ND	184	92.1	200	0.206	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	167	83.5	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

## Cardinal Laboratories

### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 3 (H225649-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	ND	184	92.1	200	0.206	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	167	83.5	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 3 (H225649-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	ND	176	88.1	200	6.20	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	176	88.0	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.4	% 46.3-17	8						

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### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW 2 (H225649-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	ND	176	88.1	200	6.20	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	176	88.0	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.9	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 12 @ 3 (H225649-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	ND	176	88.1	200	6.20	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	176	88.0	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 13 @ 3 (H225649-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	74.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.9	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 14 @ 3 (H225649-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	72.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.2	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 15 @ 3 (H225649-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	72.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.3	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 16 @ 4 (H225649-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	72.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.5	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 17 @ 4 (H225649-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	2.06	103	2.00	11.4	
Toluene*	<0.050	0.050	12/05/2022	ND	2.07	103	2.00	12.9	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	2.02	101	2.00	15.9	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	6.21	103	6.00	14.2	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	67.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	71.1	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 18 @ 4 (H225649-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	1.92	95.8	2.00	0.702	
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	63.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	66.7	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 19 @ 4 (H225649-12)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	1.92	95.8	2.00	0.702	
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.4	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 20 @ 4 (H225649-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	1.92	95.8	2.00	0.702	
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/06/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.1	% 46.3-17	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 21 @ 4 (H225649-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	1.92	95.8	2.00	0.702	
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	66.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.3	% 46.3-17	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 22 @ 4 (H225649-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	1.92	95.8	2.00	0.702	
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/06/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/06/2022	ND					
Surrogate: 1-Chlorooctane	69.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.5	% 46.3-17	8						

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### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 23 @ 4 (H225649-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2022	ND	1.92	95.8	2.00	0.702	
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29	
Total BTEX	<0.300	0.300	12/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	12/05/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	ND	176	88.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	184	92.1	200	4.13	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					
Surrogate: 1-Chlorooctane	73.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.1	% 46.3-17	8						

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### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

# \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Chloride TPH (8015M) BTEX (8021B)
Chloride TPH (8015M)
8 / / / /
ant for the
n of the applicable buildings,
eresult: □ Yes □ No   Add'l Phone #: esult: □ Yes □ No   Add'l Fax #:
RKS:
e email results and copy of CoC to pm@etechenv.com.

Received by OCD: 2/14/2023 8:39:40 AM

Page 166 of 358

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Mariand, Hobbs, NM 88240

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

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO	1.2.		ANALYSIS REQUEST
Project Manager: LANC CEENShaw	-	P.O. #:			
Address: 2617 W Marland	Company Mewbour	n			
City: Hobbs State: NM Zip: 8824		Attn: Jeff Brook			
Phone #: (575) 264-9884 Fax #:		Address: 4801 Bus F			
Project #: Project Owner: MRWK	Down	city: Hobbs	- una		
Project Name: Soumsonite 3-4 B2NM Fed Con Project Location: Rumi Loco Hills N.M.	mIH	State: //M Zip:	•	TPH (8015M)	BTEX (8021B)
Project Location: Rume Loco Hills N.W.	1-	Phone #:	Chloride	01	803
Sampler Name: Dominic CLSAVEZ	/	Fax #:	- H	H	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLI		E	
Lab I.D. Sample I.D. dword (c) OWD (c) Bag (c) CONTAINERS (c) C) CONTAINERS (c) CONTAINERS (c) C) CONTAINERS (c) CONTAINERS (c) C) CONTAINERS (c) CONTAINERS (c) CONTAINERS (c) C) C) CONTAINERS (c) C) C) CONTAINERS (c) C) C) C) C) CONTAINERS (c) C)	UNASTEWATER Soll ON Subge	OTHER : ACID/BASE: ICE / COOL OTHER : ated	TIME		
DCII FLISE4		121	4281	17	
12 FL 19@4	1	1	100	1	
13 FL 2004					
14 FL 21 84					
1582204					
6 FL 23 84					
			11	11	
		V	4 V		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive casedy for any cliam arising v analyses. All claims including those for negligence and any other cause whateoever shall be deemed waited to service. In no weret shall cardinal be liable for incidential or consequential damages, including without limbatio arifinates or successors arising out of or related to the performance of services hereunder by Cardinal, regardle- relations arising out of or related to the performance of services hereunder by Cardinal, regardle- relations arising out of or related to the performance of services hereunder by Cardinal, regardle- relations arising out of or related to the performance of services hereunder by Cardinal, regardle- relations arising out of or related to the performance of services hereunder by Cardinal, regardle- trime: U2.8 performance of services hereunder by Cardinal, regardle- Time: U2.8 performance of services hereunder by Cardinal, regardle- trime: U2.8 performance of services hereunder by Cardinal, regardle- trime: U2.8 performance of services hereunder by Cardinal, regardle- Time: U2.8 performance of services hereunder by Cardinal, regardle- trime: U2.8 performance o	uniess made in writing and n, business interruptions, io an of whether, work, chains's and By: MANA O	Incodered by Cardinal within 30 days after one of use, or foces of profile incurred by c in used upon any of the above states re-	r completion of the appli lent, its subsidiaries, asons or otherwise. Phone Result: Fax Result: REMARKS:	Yes	

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December 09, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/02/22 16:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 24 @ 4 (H225681-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	3.71	
Toluene*	<0.050	0.050	12/09/2022	ND	2.07	103	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.02	101	2.00	4.62	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.24	104	6.00	4.62	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/08/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane 1		45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	% 46.3-17	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 25 @ 4 (H225681-02)

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	12/09/2022	ND	2.06	103	2.00	3.71	
Toluene*	<0.050	0.050	12/09/2022	ND	2.07	103	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.02	101	2.00	4.62	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.24	104	6.00	4.62	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	125 9	% 46.3-17	8						

## **Cardinal Laboratories**

### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 26 @ 4 (H225681-03)

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	12/09/2022	ND	2.06	103	2.00	3.71	
Toluene*	<0.050	0.050	12/09/2022	ND	2.07	103	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.02	101	2.00	4.62	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.24	104	6.00	4.62	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

## **Cardinal Laboratories**

### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 27 @ 4 (H225681-04)

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	12/09/2022	ND	2.06	103	2.00	3.71	
Toluene*	<0.050	0.050	12/09/2022	ND	2.07	103	2.00	3.98	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.02	101	2.00	4.62	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.24	104	6.00	4.62	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	% 46.3-17	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 28 @ 4 (H225681-05)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/07/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/07/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/07/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	<b>99.9</b>	% 46.3-17	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 29 @ 4 (H225681-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	8						

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### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 30 @ 4 (H225681-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

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### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 31 @ 4 (H225681-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.2	% 46.3-17	0						

## **Cardinal Laboratories**

### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 32 @ 4 (H225681-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 33 @ 4 (H225681-10)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	95.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 34 @ 4 (H225681-11)

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	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	86.3 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	94.6	% 46.3-17	8						

## **Cardinal Laboratories**

### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 35 @ 4 (H225681-12)

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	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	89.9 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	99.0	% 46.3-17	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 36 @ 4 (H225681-13)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 4 (H225681-14)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.12	106	2.00	5.92	
Toluene*	<0.050	0.050	12/08/2022	ND	2.24	112	2.00	2.16	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.23	111	2.00	2.87	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.73	112	6.00	2.25	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/02/2022	Sampling Date:	12/02/2022
Reported:	12/09/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW 3 (H225681-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.09	105	2.00	2.61	
Toluene*	<0.050	0.050	12/08/2022	ND	2.19	110	2.00	2.86	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.13	107	2.00	2.10	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.50	108	6.00	2.48	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	181	90.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	178	89.2	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.5	% 46.3-17	8						

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#### \*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

# ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Etech Environmental & Safety Solu		, In	C.			-		2		81	LL	TO	13	e de			-		ANALYSIS REQUEST	
Project Manage	r: Lang Chenshaw							P	.0.1									Τ	T		
Address: 261								c	omp	bany	M	all	bovr	1		2					
City: Hobbs	State: NM	Zip	: 88	240	)			A	ttn:	Je	eff	7	Sreel	M		-		1			
	5) 264-9884 <b>Fax #</b> :							A	ddre	ess:	48	201	Base	Grif	3/1)						
Project #:	Project Owne	r: /	Pel	1h	SVI	rr	1	c	ity:	t	fol	bb	5	VAL							
Project Name:	Samsonite 3-4 BZNM F	ed	Col	71	11-	+		s	tate	1	yn	Zin	):		11		2W				
Project Locatio	n: Rural have A	IM	1.4	ac	t	ti	113	Р	hon	-						prid	801		DR		
Sampler Name:	Project Owne Samsonite 3-4 B2NM R n: RUYAL CASAVE Dominic Casave	2		_				F	ax #							Chloride	TPH (8015M)		BTEX (8021B)		
FOR LAB USE ONLY		Т	Г	Γ	M	TAN	RIX		_		ERV.		SAMPL	ING		-	₽				
Lab I.D. Hz75681	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER .	ACID/BASE:	ICE / COOL	OTHER :		DATE	ти	ME	-					
DC 1	FL 24 & 4					V						12	-2	4	29	V	V	1	H		
2	FL 25 @ 4					1							1	1		1	1		1		_
3	H26 @ 4												1				11		11		
4	FL27@4		L			1		-					-	$\downarrow$	_		$\square$	+	11		_
5	FL28 @4	+	⊢	⊢		$\downarrow$		-	+				-	1		-+-	$\square$	+	++		
6	FL29@4	+		-		+		+	⊢	-	+	1	+					+	++		_
7	FV 30 @4	⊢	┢	⊢		+	-	+	╋	+	-	⊢	1			-+-	+	+	$\left\{ + \right\}$		
8	KU31 QY	╋	⊢	⊢		+		+	+	+	+	┝	1		-	-+-		+	++		_
7	1-23 AU	╋	⊢	⊢		4		+	÷	+	-	⊢	¥-		$\mathcal{V}$	-4	14	4	++		
PLEASE NOTE: Liability a	Damages. Cardinal's liability and client's exclusive remedy for	any clai	im aris	ing wh	ether b	ased	in contra	ict or b	ort, sha	il be li	mited	to the	amount pa	id by the c	tiont fast	ba.	IV	-			-
analyses. All claims includ service in no event shall (	ing these for negligence and any other cause whatecever shall be Cardinal be lighte for incidential or consequential demogen, includin	deema g wilka	nd week at livel	ved uni lation, i	buelner	ado in os inte	writing a wruptions	nd rea s, loss	ceived i of use,	by Car , or los	rdinal v rs at pr	niikin : rolin k	30 days allo acurred by (	client, its a	ton of the	e applica ies,	bio				
Relinquished B	12-2 Time: 429	Re Re		ved ved	By: By: Sam Cool	ple	Cond ntact	ition		СН		KED	BY:	Fax I REM	otherwise Result ARKS	<u>t:</u> 5:	O Y	es			

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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 Solution	ons,	Inc						8	BI	LLT	0		36					AN	ALYS	SIS I	REQ	UES	т			
Project Manager: Laure Crenshary							0. 1	_						and the second second			T	T								
Address: 2617 W Marland						Co	mp	any	M	ewb	avi	n														
City: Hobbs State: NM 2	Zip:	88	240			At	tn:	Te	H	F B	100	m														
Phone #: (575) 264-9884 Fax #:						Ac	idre	ss:	48	3/ Brs	: Phi	K BA	11									- 1				
Project #: Project Owner:	1					Ci	ty:	H	64	6	-		1					4								
Project Name: SamSonite 3-4 BZNM	17	Ed	Cor	1/	H	-	-			Zip:				•	TPH (8015M)	BTEX (8021B)										
Project Location: Russ Loca Hills	5	1	N.m.			PI	none	e #:						Chloride	801	80										
Project Location: Rural Loca Hills Sampler Name: Dominic Casav	e	2		-		1	x #:							Chi	H	X										
FOR LAB USE ONLY				MAT	RIX		PR	ESE	RV.	SAN	IPLI	IG	_		₽											
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	<b>GROUNDWATER</b> WASTEWATER	SOIL	BILDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DAT	TE	TIM	E													
UC 11 FL34@4				V			Г			12	2	42	9	V	V	17	1			1						
12 FL 35 @ 4				1						1		)		1	1	1										
3 FL 36 @ 4																Π										
14 344																				1						
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any	v claim	arisir	a whethe	r based i	in contrac	t or to	rt, shal	l be li	mited	to the amou	nt paid	by the clie	int for 1	the			_		_	_	1			_		L
analyses. All claims including those for negligence and any other cause whetecever shall be de service in no event shall Cardinal be fields for incidential or consequential damages, including w	emed	winke	ed unless	mede in	willing an	ni reci	dived b	y Can	dinal v	dhin 30 day	ys aller	completio	n of the	o applicat	bie											
Affiliates or successors arising out of or related to the performance of services hereunder by Car Relingenshed By: MA	irdinal,	regar		vhether s								Phone	herwise	0.			No	Ad	t'l Pho	ne #·	_					
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Sampler - UPS - Bus - Other: 23.8 2/2	3.	20		Yes No	I Ye	s		V	(Init	ials)											_					
FORM-006 t Care	dina	al c	annol	acce	ept ve	rba	l ch	ang	jes.	Please	e fax	writte	on c	hange	es to :	575-3	93-24	76								

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December 12, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/05/22 16:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 37 @ 4 (H225698-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.5	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 38 @ 4 (H225698-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 39 @ 4 (H225698-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	121 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	134 9	% 46.3-17	8						

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 40 @ 4 (H225698-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 41 @ 4 (H225698-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 42 @ 4 (H225698-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 43 @ 4 (H225698-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.6	% 46.3-17	8						

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 44 @ 4 (H225698-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	12/08/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	92.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

# Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW4 (H225698-09)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/08/2022 ND		416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW4 (H225698-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/08/2022 ND		416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	193	96.7	200	6.77	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	173	86.6	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/05/2022	Sampling Date:	12/05/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW5 (H225698-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.04	102	2.00	1.39	
Toluene*	<0.050	0.050	12/09/2022	ND	2.14	107	2.00	1.81	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.34	106	6.00	2.85	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/08/2022	12/08/2022 ND		104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	187	93.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	159	79.7	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name: Etech Environmental & Safety S	olutions	, Inc.						E	HL	LTO	alle.					AN	ALYS	IS R	EQU	EST	-		
Project Manager: Lanc Crenshaw						P.	0. #	_						T									
Address: 2617 W Marland						C	omp	any/	Me	wbeu	rn												
City: Hobbs State: NM	Zip	: 882	240			A	Attn: Jeff Bra			Bro	sur												
Phone #: (575) 264-9884 Fax #:										Park Blul													
Project #: Project Ov	mer: M	enl	hou	n	-	C	itv:	Ho	bb	5		1		1						1			
Project Name: Sam Sourite 3-4 1324	M Fe	dG	men	1+	t			Nu					Ŵ										
Project Location: Rural Loco H:15	Alm	1					hone			ap.		ride	TPH (8015M)										
Project Location: Rural Loco Hills Sampler Name: Dominic Cusarc	7	•			-	-	ax #:		-			Chloride	8) T	101000 VOTO	\$								
FOR LAB USE ONLY		П		MAT	TRIX	1.4		ESER	V.	SAMPL	ING	0	TP										
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	<b>GROUNDWATER</b> WASTEWATER	SOIL	OIL	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
DC 1 F237 @ 4				V					V	25	4.13	V	V	11									
2 FL38 @ 4				1						1		1	1	-									
3FL 39 @ 4	_									1			1										
4FL 40 @ 4				1		_			+	1						-	-	-		_			-
5 FL41 @ 4	_	Ц		1					+	-		11	$\square$			_			-	-			
6 FL 42 @ 4	_	$\square$		11		-	1		+	-		$\square$	4	+		-		-	-	-		_	
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	-	$\vdash$		-	$\vdash$		+		+				-	+	-	+	+-	+	+	+			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remodentialyses, All claims including those for negligence and any other cause whateoever all services. In no event shull Cardinal be links for incidential or consequential damages, in aritificates or successors arising out of or related to the performance of services hereund Relinquished By:           Date:         Date:           Relinquished By:         Date:           Time:         Date:           Time:         Date:           Sampler - UPS - Bus - Other:         D3.6 c           FORM-006         +	Il be deemen halling willow e by Cardinal S Re 3 pm Re 23. C	d univer at limited ceceiv eceiv	d calese lion, bush fless of w red B red B red B Co	mode b hoses int thether : /: /: //: //: //: //: //: //: //: //	Cond Intact	and rec n, loss - im is ba lition 'es No	alread by of use, ised up	CHE	CKE	in 30 days official in the second by the sec	r completion of t	he applied nes, 13 19 19 19 19 19 19 19 19 19 19 19 19 19	esult	'es ts ai		Add	11 Phon 11 Fax #	ŧ:	etech	env.co	m.		

Page 200 of 358

**RDINAL LABORATORIES** 

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

D. #: mpany MeWbourn n: Jeff Broom dress: 4801 Bus Pork Bjud	
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one #:	Chloride EX (80216
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PRESERV. SAMPLING	
ACID/BASE: ICE / COOL OTHER : AMIL AUTOL	
R5 4:13	
: shall be limited to the amount paid by the client for t heed by Caudinal within 30 days after completion of the time, or loss of profile incurred by client, the subshifter ed upon any of the above stated reasons or otherwise Phone Res Fax Result REMARKS Please er CHECKED BY: (Initials)	e applicable les, e. s. s. t:Yes NoAdd'I Phone #: t:Yes NoAdd'I Fax #:
States and a state of the state	Hobbos MM Zip: e #: RESERV SAMPLING DATE TIME DATE TIME DATE TIME DATE TIME DATE TIME DATE TIME DATE TIME DATE TIME DATE TIME Please e CHECKED BY:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Revision 1.0** 

Received by OCD: 2/14/2023 8:39:40 AM



December 13, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/06/22 16:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 45 @ 4 (H225730-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	175	87.6	200	9.12	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	172	86.0	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.7	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 46 @ 4 (H225730-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	175	87.6	200	9.12	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	172	86.0	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 47 @ 4 (H225730-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	175	87.6	200	9.12	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	172	86.0	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	85.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.2	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 48 @ 4 (H225730-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	175	87.6	200	9.12	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	172	86.0	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.0	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: WW 2 (H225730-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.09	105	2.00	2.61	
Toluene*	<0.050	0.050	12/08/2022	ND	2.19	110	2.00	2.86	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.13	107	2.00	2.10	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.50	108	6.00	2.48	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	175	87.6	200	9.12	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	172	86.0	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	73.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	71.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: WW 3 (H225730-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.09	105	2.00	2.61	
Toluene*	<0.050	0.050	12/08/2022	ND	2.19	110	2.00	2.86	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.13	107	2.00	2.10	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.50	108	6.00	2.48	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	175	87.6	200	9.12	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	172	86.0	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.7	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 6 (H225730-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	ND	2.09	105	2.00	2.61	
Toluene*	<0.050	0.050	12/08/2022	ND	2.19	110	2.00	2.86	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.13	107	2.00	2.10	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.50	108	6.00	2.48	
Total BTEX	<0.300	0.300	12/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	175	87.6	200	9.12	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	172	86.0	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	81.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.9	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name	(575) 393-2326 FAX (575) e: Etech Environmental & Safet	the second se	BILL TO	100			S REQUEST
Project Manage		y Soludons, mc.	P.O. #:		- 1-	ANALISIS	
	17 W Marland			- 1			
	State:	NM Zip: 88240	Company Mew Dourn				
		ZID: 00240	Attn: Jeff Broom				
	5) 264-9884 Fax #:	a 114. 11. a	Address: 48/0 Bus Part	bard			
Project #: 17	123 Project	Owner: Mewbourn	City: Hobbs		e 1		
Project Name:	Samsonite 3-4 B2NMF	ed Com IH	State: NM Zip:		TPH (8015M) BTEX (8021B)		
	n: Rural Loco Hills	NM.	Phone #:	Chloride	(8)		
Sampler Name:	Dominic Casarez		Fax #:		E		
FOR LAB USE ONLY	and the second second second	MATRIX	PRESERV. SAMPLING				
<b>Lab I.D.</b>	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DTHER :	TIME			
DI	FLUS @ 4			1:17 V	NV		
2	FL46 @4			1	VVV		
23	FL 47 @ 4			V	NV	1	
4	FL 48@4			V	NV		
5	WW2			0	VV		
6	WWZ				VV		
7	546	*		V	VV		
					_		
analyses. All claims inclus	and Damages. Cardinal's liability and client's exclusive r dag those for negligence and any other cause whatever Cardinal be liable for incidental or consequential damag	ver shall be deemed waived unless made in willin	g and received by Cardinal within 30 days after co	npietion of the applicat	10		
affliates or successors are Relinquished E Down	sing out of or related to the performance of services her	2-6 Received By:	tain is based upon any of the above stated reason PI Fa	none Result: ax Result: EMARKS:	Yes C	No Add'l Phone No Add'l Fax #:	#:
Relinguished E	Time:	Received By:		ease email r	esults and	copy of CoC to p	m@etechenv.com.
	(Circle One) 31.96) ( B - Bus - Other: 31.35	C-0.60 Sample Col Cool Inta #113 Yes-0 No	t Yers (Initials) No				
FORM-0	006	† Cardinal cannot accept	verbal changes. Please fax w	ritten change	es to 575-3	93-2476	

Revision 1.0

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December 14, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/07/22 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 49 @ 4 (H225769-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/11/2022	ND	2.14	107	2.00	9.26	
Toluene*	<0.050	0.050	12/11/2022	ND	2.17	108	2.00	8.52	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.16	108	2.00	9.67	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.75	112	6.00	11.4	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	12/09/2022	ND	432	108	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 50 @ 4 (H225769-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 51 @ 4 (H225769-03)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 52 @ 4 (H225769-04)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	12/09/2022	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	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 53 @ 4 (H225769-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	94.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.3	% 46.3-17	8						

## **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 54 @ 4 (H225769-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	94.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 55 @ 4 (H225769-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 56 @ 4 (H225769-08)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 57 @ 4 (H225769-09)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 58 @ 4 (H225769-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.6	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 59 @ 4 (H225769-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.5	% 46.3-17	8						

## Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 60 @ 4 (H225769-12)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12700	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/07/2022	Sampling Date:	12/07/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 5 (H225769-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/09/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	91.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.8	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

## **Cardinal Laboratories**

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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

# 

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240

Company Name: Etech Environmental & Safety S	lutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lanc Cven She	W	P.O. #:	
Address: P.O. Box 301	Talan and a second s	company: Mewbourn	
City: Lovington State: NM	Zip: 88260	Attn: JEff Broom	
Phone #: (575) 396-2378 Fax #: (575)	) 396-1429	Address: 1801 Bus Park Bird	
Project #: 17123 Project Ow	ner: Mewbourn	Cine Halls	
Project Name: SAMSONITE 3-UB	WW SOL COM (H	State: NM Tim.	
Project Name: SAMSONITE 3-43 Project Location: RUYAL LOC	1 14:115	State. //// Lip.	Chloride TPH (8015M) BTEX (8021B)
Sampler Name: Dominic Case	107	Fax #:	14 (8) X (8) X (9)
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D. $H_{225749}$ $1 F_{249} @ 4$ $2 F_{250} @ 4$ $3 F_{251} @ 4$ $4 F_{252} @ 4$ $5 F_{253} @ 4$ $6 F_{254} @ 4$ $7 F_{255} @ 4$ $8 F_{251} @ 4$ $9 F_{257} @ 4$	(G)RAB OR (C)OMP (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER VASTEWATER ON.	OTHER:	
7 5 6 4			
nalyses. All claims including those for negligence and any other cause whistneever the ervice. In no event thall Cardinal be liable for incisional or consequential damages, hot filiates or successors arising out of or related to the performance of services hereundes Relinquished By: Date: 2 / Time: 4 / Delivered By: Circle One)	ding without limitation, business interruptions,	d received by Certified within 30 days after completion of it has of each of the second by direct, its unbedder is based upon any of the above stated researce or otherwise Without the second stated researce or otherwise Phone Re Fax Resul REMARKS Please e ion CHECKED BY: (initialis)	ee. suit:

Released to Imaging: 6/14/2023 2:11:56 PM

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ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 17 of 17

101 East Marland, Hobbs, NM 88240

Company Name: Etech Environmental & Safety Solu	tions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: LOWC Crensman		P.O. #:	
Address: P.O. Box 301		Company: Mewbourn	7
City: Lovington State: NM		Attn: Jeff Broom	
Phone #: (575) 396-2378 Fax #: (575) 3	96-1429	Address: 4801 Bus Park And	
Project #: 17123 Project Owne	r. Mewbourn	city: Habbs	
Project #: 17123 Project Owne Project Name: Samoon ite 3-4 B2NM	Ed Cour 1H	State: NM Zip:	
Project Location: Tyral Loco hill	5	Phone #:	Chloride Chloride BTEX (8021B)
Project Location: TVral Loco hill Sampler Name: Downight Costare	2	Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D. H225769 DC 11 FL 59 @ 4 12 FZ 60 @ 4 13 EW5	(G)RAB OR (C)OMP # CONTAINERS # CONTAINENS #	OTHER: OTHER:	
PLEASE NOTE: Liability and Damages. Cardinal's liability and clerit's exclusive remody for a natyses. All claims including these for negligence and any other cause whatseever shall be service. In no event shall cardinal the liable for incidential or consequential damages, including difficute or related to the performance of services hereauter by the performance of the performance of services hereauter by the performance of services hereauter by the performance of the performance of services hereauter by the performance of the performance of the performance of services hereauter by the performance of services hereauter by the performance of the performance of services hereauter by the performance of services hereauter by the performance of	december watered watered method in willing and a withrout limitation, insuitance interruptions, in archinal, regardless of whether such claim in Received By:	received by Cardinal within 30 days after competition of t as of use, or lass of profile incomed by clinet, its valuation insed upon any of the above stated researce or othered in the state of the state of the state of the state of the state interval of the state o	finite,           vitre,           vitre,           I Yes           I Yes           No           Add*I Phone #:           uit:           I Yes           No           Add*I Fax #:

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December 14, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/08/22 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 61 @ 4 (H225801-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.18	109	2.00	0.625	
Toluene*	<0.050	0.050	12/12/2022	ND	2.22	111	2.00	0.246	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	0.336	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.80	113	6.00	0.450	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	166	82.9	200	3.72	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	175	87.3	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.6	% 46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 62 @ 4 (H225801-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.18	109	2.00	0.625	
Toluene*	<0.050	0.050	12/12/2022	ND	2.22	111	2.00	0.246	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	0.336	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.80	113	6.00	0.450	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7330	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	166	82.9	200	3.72	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	175	87.3	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	72.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.3	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 63 @ 4 (H225801-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.18	109	2.00	0.625	
Toluene*	<0.050	0.050	12/12/2022	ND	2.22	111	2.00	0.246	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	0.336	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.80	113	6.00	0.450	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	189	94.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	195	97.4	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 64 @ 4 (H225801-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.18	109	2.00	0.625	
Toluene*	<0.050	0.050	12/12/2022	ND	2.22	111	2.00	0.246	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	0.336	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.80	113	6.00	0.450	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	189	94.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	195	97.4	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.9	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 65 @ 4 (H225801-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.18	109	2.00	0.625	
Toluene*	<0.050	0.050	12/12/2022	ND	2.22	111	2.00	0.246	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	0.336	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.80	113	6.00	0.450	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/09/2022	ND	189	94.3	200	2.81	
DRO >C10-C28*	<50.0	50.0	12/09/2022	ND	195	97.4	200	5.30	
EXT DRO >C28-C36	<50.0	50.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 66 @ 4 (H225801-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.07	104	2.00	12.0	
Toluene*	<0.050	0.050	12/12/2022	ND	2.16	108	2.00	11.9	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.11	105	2.00	10.9	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.54	109	6.00	10.9	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	189	94.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	195	97.4	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	126	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 67 @ 4 (H225801-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.07	104	2.00	12.0	
Toluene*	<0.050	0.050	12/12/2022	ND	2.16	108	2.00	11.9	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.11	105	2.00	10.9	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.54	109	6.00	10.9	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	189	94.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	195	97.4	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.9	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 68 @ 4 (H225801-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.07	104	2.00	12.0	
Toluene*	<0.050	0.050	12/12/2022	ND	2.16	108	2.00	11.9	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.11	105	2.00	10.9	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.54	109	6.00	10.9	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	hloride, SM4500Cl-B mg/kg			d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	12/12/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	189	94.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	195	97.4	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 7 (H225801-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.07	104	2.00	12.0	
Toluene*	<0.050	0.050	12/12/2022	ND	2.16	108	2.00	11.9	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.11	105	2.00	10.9	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.54	109	6.00	10.9	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	hloride, SM4500Cl-B mg/kg			d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/12/2022	ND	432	108	400	3.64	QR-03
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2022	ND	189	94.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	195	97.4	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 6 (H225801-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.07	104	2.00	12.0	
Toluene*	<0.050	0.050	12/12/2022	ND	2.16	108	2.00	11.9	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.11	105	2.00	10.9	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.54	109	6.00	10.9	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	ride, SM4500Cl-B mg/kg			d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/12/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2022	ND	212	106	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	195	97.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 9	46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/08/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: WW 4 (H225801-11)

BTEX 8021B	mg	′kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2022	ND	2.07	104	2.00	12.0	
Toluene*	<0.050	0.050	12/12/2022	ND	2.16	108	2.00	11.9	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.11	105	2.00	10.9	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.54	109	6.00	10.9	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	ride, SM4500Cl-B mg/kg			ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/12/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2022	ND	212	106	200	1.50	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	195	97.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name	Etech Environmental	& Safety Soluti	ons	, Inc							BI	LL TO							ANA	LYSI	S R	EQUI	EST		
Project Manage	r: Lanc Cre	enshaw						P	.0. 1	k:					_										
Address: 261	7 W Marland							c	Company Metrbourn									-							
City: Hobbs	S	state: NM	Zip	882	240			_	Attn: Jeff Broom																1
Phone #: (57	5) 264-9884 F	ax #:						_	-	_	and the second	GI BUS													
Project #: 17/23 Project Owner: Mel bourn									105	,		_													
	Samsonite 3-4			_				_	tate:	-						Ŵ	18)								
Project Location					11	61			hone			<u>∠ι</u> μ.		-	Chloride	TPH (8015M)	<b>BTEX (8021B)</b>								1
Sampler Name:								-	ax #			~		-1	입	4 (8	×				1				
FOR LAB USE ONLY	Dominic	Casar	C-	F	-	MA	TRIX	F	-	_	RV.	SAMPL	ING	-	0	đ	3TE								1
Lab I.D. H2258D)	Sample I.D		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	DIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIM	E		/									
DCI	FL 61 @ 4			П		L	PI		T	1		12/8	22	4	V	V	V					T	T		
2	FL 62 @ 4					1			1			1	1		1	1	1				1	1			
3	FL 63 @ 4					1			T	1		1	11		T	1						T			
4	FL64 84					T									T										
3	FL65Q4					1									Π	T									
6	FL66 @ 4					1						1					T								
2	FL67 @ 4					T										T									
3	8168@K					1									1	T	T					T			
9	SW7															1									
1D	EW6					V						V	1		V	V	J.								
evice. In no event shall of millates or successors arise Relinquished B Relinquished B Delivered By	2. Clk T	e whethoover shall be d that damagee, including protees hereunder by Ca Date: 12/8 Filme: 2:24 Date: 14:50 Filme:	Re	t waive t limitud regard ceiv	d unless lon, bus fless of v ed B du ed B	inees in whether Y:	n writing terruptio <u>such ci</u>	and re- ne, toru nim is b	ceived b of use, assed up	or loss on sum D	dirami vel a of pro y of the	thin 30 days all dis incurred by above stated r	client, its sub	nof the a addition onvice. Result: RKS:	applicab s. ult:	□ Ye □ Ye	\$ []	No No	Add'l	Phone Fax #: C to p		eteche	env.cor	n.	

Page 14 of 15



Page 243 of 358

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name	Etech Environmental & Saf		, Inc.					22	B	ILL TO	1 ////					ANALY	SIS R	EQU	EST		
Project Manage	r: Lanc crensha	W					P.(	0. #:	and the second s								T	T			
Address: 261	7 W Marland						Company Mew Your m					1									
City: Hobbs	State:	NM Zip	: 882	40			Attn: Jeff Broom					1									
Phone #: (575	5) 264-9884 Fax #:				-		Address: 4BOI BUS PAIK BUG											1	1 1		
Project #: 17	Project #: 17123 Project Owner: Men bourn					Cit	tv:	MO	665	Incom											
Project Name: SamSonite 3-4 BZAUM Fed Com 1 H					+				Zip:			Ŵ	<b>B</b>								
Project Location	n: Ruca ( Las	a his	115					one		- ip.		Chloride	FPH (8015M)	BTEX (8021B)							
Sampler Name:	100000	Saroi	2				-	x #:				Ř	E E	X							
FOR LAB USE ONLY	De mile un	T	ГT	-	MAT	RIX	I. a		SERV	SAMP	LING	1	E I	I H							
Lab I.D. H2258DI	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :												
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analyses. All claims includin service. In no event thall Cr affiliates or successors arise Relinquished By Relinquished By Delivered By:		ver shall be deeme pre, including without counder by Cardinal 12/3 Re 2:29 2:29 2:29 CRe		uniess of white ed By Day ed By	vade in v nee inter webher su	ruptions, ach ctaim	d recei loss of is bas le	hed by rune, o ed upo	Cordinal r loss of p n any of the LOC	within 30 days a rollie incurred b he above stated	Ner completion of 1 y client, its subsidia reasons or otherni Phone Re Fax Resu REMARK:	teo applica nics, <u>so.</u> issuit: it: S:		<u>es</u> []	No No	Add'I Ph Add'I Fa	K #:	eteche	nv.com		

Received by OCD: 2/14/2023 8:39:40 AM



December 14, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/09/22 15:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 69 @ 4 (H225830-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	12/12/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	122 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125 9	46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 70 @ 4 (H225830-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1820	16.0	12/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 71 @ 4 (H225830-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	12/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	116 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 72 @ 4 (H225830-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	12/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	135	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	138	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 73 @ 4 (H225830-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	12/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	117 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 74 @ 4 (H225830-06)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	12/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 75 @ 4 (H225830-07)

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	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/13/2022	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	110 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 76 @ 4 (H225830-08)

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	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
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	12/13/2022	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	110 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 7 (H225830-09)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	46.3-17	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: WW 5 (H225830-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2022	ND	215	108	200	4.51	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	196	97.9	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name:	Etech Environmental & Safety Solu	tions	, In	c.			T		- 1	<b>B</b> 1	LL TO					ANALYSIS REQUEST
Project Manager	: Lancerenshaw	~					P	0.1	k							
Address: 2617	W Marland						Company MEW bourn			1						
City: Hobbs	State: NM	Zip	: 88	240		-	Attn: Jeff broom									
Phone #: (575) 264-9884 Fax #:						ddre		YR	ROI BUS	Pare Bill						
Project #: 11	123 Project Owne	r: 11	11	Wha	WW	1		ity:				00000				
	Sam Son ite 3.4 B2 NM FE	10	10	M	IA	1		tato:	N	m	Zip:			Ŵ	<b>1B</b>	
Project Location								hone			zip.		Chloride	TPH (8015M)	BTEX (8021B)	
Sampler Name:	Bural Loco H Dominic Casa	111	27	10	.01		_	ax #					P4	1 (8) T	×	
FOR LAB USE ONLY	Dominic Lasa	Ye	1	F	MAT	RIX	154	-	ESE	RV.	SAMPL	ING	° I	1 d	E I	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	DIL	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
DCI	FL 69 @ 4	T	Г		V			Т			129	337	V	V	V	
Z	FL70 @4	1						T			1		1	I		
3	FL71 04				11											
4	FL72 @4															
	FL 73 @4															
	FL 74 PH									_					11	
	FL75 A H	1			111	-		1		_			1	$\square$	111	
8	FL 76 0 4				111	-	-						$\downarrow$	11	$\square$	
9	EW7			$\downarrow$	1/	-	-	1		-		-	1			
10	WW5												V		-	
PLEASE NOTE: Liability and analyses. All claims including	I Damages. Cardinal's liability and client's exclusive remedy for g lices for negligence and any other cause whatseever shall be	any clas			nade in	writing (	and rec	ceived b	y Card		o the amount participant of the second parti	a by the client for a completion of t	the applica	bio		
Relinquished By	A Time: 3 37	Re	, rega	ved By	r: W	eruption ucit clai						Phone Re Fax Resul REMARKS	It:	C Ye		No Add'I Phone #: No Add'I Fax #:
Relinquished By	Time:			véd By		Cond	ition	-	CHE	ECK	ED BY:	Please e	email I	results	s and c	copy of CoC to pm@etechenv.com.
Sampler - UPS		#1 1.8		Co	ol Ir Yes No	ntact	-				<del>(als</del> )					
Delivered Bv: Sampler - UPS FORM-00 Revision	- Bus - Other: 20.4 c/10	1. 4	ć		Yes		es		V		(als)	x written c	hang	es to s	575-393	3-2476

Received by OCD: 2/14/2023 8:39:40 AM

Page 13 of 13



December 15, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/12/22 15:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 77 @ 4 (H225850-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	12/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 78 @ 4 (H225850-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	12/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	92.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.1	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 79 @ 4 (H225850-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	12/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.8	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 80 @ 4 (H225850-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.4	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW 5 (H225850-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 8 (H225850-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: WW 6 (H225850-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.1	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/12/2022	Sampling Date:	12/12/2022
Reported:	12/15/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 8 (H225850-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2022	ND	2.22	111	2.00	1.83	
Toluene*	<0.050	0.050	12/13/2022	ND	2.23	112	2.00	1.89	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.26	113	2.00	3.09	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.83	114	6.00	3.12	
Total BTEX	<0.300	0.300	12/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2022	ND	199	99.3	200	2.06	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	217	108	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					
Surrogate: 1-Chlorooctane	96.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.1	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240

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

: Etech Environmental & Safety Solu		BILL TO					ANALYSIS REQUEST
: Lanc Crenshaw		P.O. #:					
7 W Marland		Company Mewbou	rn				
State: NM	Zip: 88240	Attn: Jeff Brook					
5) 264-9884 <b>Fax #</b> :					2.1		
123 Project Owne	r: Mewbourn		-				
Sunsonite 3-4 B2NM Fr	2 Cour 1 H				(WS	18	
: Bural Loco Hill	5			orid	301	803	
Dominic Cusavez-				EP 1	H	X	
	MATRI		LING		₽ I	H	
Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER : ACID/BASE: OTHER : OTHER :	TIME		~		
FL77@4	N N		3:31	V	V	V	
FL 78 @ 4	1			1	1	1	
FL 80 @ 4							
NWS							
SW8						11	
WW6			-				
EWS	4	V		v	V	W	
					-		
ng those for negligence and any other cause whistboever shall be available to the labte for incidential or consequential damages, includin goat of or related to the performance of services hereunder by Date: 12 12 Time: 3:31 V: Date: Time:	deemed weiked wikes made is wi g without limitation, business inferre Cardinal, regardless of whether such Received By: Received By: Sample Co	ing and received by Capital within 30 days at down, how of use, or lose of profile locared by claim is based upon any of the above stated with the state of the s	the completion of the y cleant, its subsidiar reasons or otherwise Phone Reg Fax Result REMARKS	ne applicat ies, ie. sult: it: S:	C Ye	es 🗆 No	
	$ \begin{array}{c c} LAUL Crenshew \\ \hline W Marland \\ \hline \\ \hline W Marland \\ \hline \\ $	E LAURE Crenshew         W Marland         State: NM       Zip: 88240         (2) 264-9884       Fax #:         12 3       Project Owner: Mewboulvn         SumSonite 3-4       B2MM Fed Com I H         12 3       Project Owner: Mewboulvn         SumSonite 3-4       B2MM Fed Com I H         12 3       Project Owner: Mewboulvn         SumSonite 3-4       B2MM Fed Com I H         12 3       Project Owner: Mewboulvn         SumSonite 3-4       B2MM Fed Com I H         12 3       Norol Loco Hills         Dom Inic Croswell       Natrue         Wol(0) No grafies       Wathward III         100 grafies       BUNNINNELS         Init 10 grafies       Init 10 grafies         Sample I.D.       Wathward III         10 grafies       Init 10 grafies         FL 77 @ 4       Init 10 grafies         FL 79 @ 4       Init 10 grafies         FL 80 @ 4       Init 10 grafies         NWS       SW8         SW8       Init 10 grafies         WW 6       Init 10 grafies         EW 8       Init 10 grafies         In 10 grafies       Init 10 grafies         In 10 grafies       Init 10 grafies <td>Image: Sample I.D.     P.O. #:       Sample I.D.     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Received by OCD: 2/14/2023 8:39:40 AM

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December 16, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/13/22 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 81 @ 4 (H225881-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	12/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.2	% 46.3-17	8						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 82 @ 4 (H225881-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	12/15/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	83.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.6	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 83 @ 4 (H225881-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	12/15/2022	ND	432	108	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.6	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 84 @ 4 (H225881-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	12/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.0	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 85 @ 4 (H225881-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	12/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.4	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 86 @ 4 (H225881-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	12/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.1	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: SW 9 (H225881-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.4	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/13/2022	Sampling Date:	12/13/2022
Reported:	12/16/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: NW 6 (H225881-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2022	ND	2.14	107	2.00	1.35	
Toluene*	<0.050	0.050	12/15/2022	ND	2.15	107	2.00	1.40	
Ethylbenzene*	<0.050	0.050	12/15/2022	ND	2.18	109	2.00	0.595	
Total Xylenes*	<0.150	0.150	12/15/2022	ND	6.63	110	6.00	0.564	
Total BTEX	<0.300	0.300	12/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2022	ND	242	121	200	16.5	
DRO >C10-C28*	<10.0	10.0	12/15/2022	ND	230	115	200	27.2	
EXT DRO >C28-C36	<10.0	10.0	12/15/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.2	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 11 of 11

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

Company Name	Etech Environmenta	al & Safety Solut	ions, i	Inc.				BILL TO							ANALYS	ANALYSIS REQUEST					
Project Manage	r: hanc Cr	renshaw					P	.0. #:				Τ		-			TT		T		
Address: 261	7 W Marland						c	Company Mew bourn													
City: Hobbs		State: NM	Zip: 8	88240	)			Attn: Jeff Broom									1 1				
Phone #: (57	5) 264-9884	Fax #:	-					ddres	e.UR	AL BIS	Mark B	In									
Project #: / ~)	123	Project Owner	:Me	what	in			itu:	Hob	45	1.4	1									
Project Name:	Samsonit					14						-		ŝ	<u>(1</u> )						
Project Location		Loco H			Con	1 11				<b>Zip:</b>		-	Chloride	TPH (8015M)	BTEX (8021B)						
Sampler Name:	Tora'	Loco A	111	2		_	_	hone	#:			-1	hlo	1 (8	×		1 1				
FOR LAB USE ONLY	Domini	ic Casac	re	4	M	ATRIX	F	ax #:	SERV.	SAM	LING	-1	0	T	E I						
Lab I.D. H225881 DC 1 Z 3 4 S 6 7	Sample I. FL 81 @ 4 FL 82 @ 4 FL 82 @ 4 FL 83 @ 4 FL 84 @ 4 FL 86 @ 4 FL 86 @ 4 Swg	D.	(G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER	WASTEWATER	DIL DIL	SLUDGE	ACID/BASE:	OTHER:	DATI		_									
8	NW6									¥	Y		V	V	Y						
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analyses. All clams includi service: In no event what Co efficience or successors artist Relinquished Br Relinquished Br Delivered By	v: : (Circle One)	nues whiteboover shall be d sential demogra, ischaling of services herounder by C Date: 12-13 Time: 4.18 Date: Time:	eemed v wilhout ii ardinal, re Reco	eived	ete made business i of wheth By: By: By:	in willing	and ree ne, tons aim to b	ceived by of use, and another upon	Carolinal vi Ioan of pri- e any of the	ihin 30 days afte incurred a above state b above state ED BY:	Inter completion by cleant, its eath reasons or oth Phone Fax Re REMAR	ervise Res sult: RKS	e opplicate na, i: i: i:	C Ye	<u>s                                     </u>			chenv.c	om.		

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December 20, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/14/22 16:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 87 @ 4 (H225912-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/17/2022	ND	2.05	102	2.00	2.99	
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	12/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	0						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 88 @ 4 (H225912-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2022	ND	2.05	102	2.00	2.99	
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	12/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 89 @ 4 (H225912-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2022	ND	2.05	102	2.00	2.99	
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	12/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 90 @ 4 (H225912-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2022	ND	2.06	103	2.00	1.59	
Toluene*	<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	12/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg Li Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 91 @ 4 (H225912-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2022	ND	2.06	103	2.00	1.59	
Toluene*	<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	12/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					
Surrogate: 1-Chlorooctane	108 9	6 45.3-16	1						
			8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 92 @ 4 (H225912-06)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/17/2022	ND	2.06	103	2.00	1.59	
Toluene*	<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1550	16.0	12/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 45.3-16	1						

## **Cardinal Laboratories**

\*=Accredited Analyte

Celeg Litteene

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW 7 (H225912-07)

mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	12/17/2022	ND	2.06	103	2.00	1.59	
<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
<0.300	0.300	12/17/2022	ND					
111 9	% 69.9-14	0						
mg/	/kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
320	16.0	12/16/2022	ND	432	108	400	0.00	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/16/2022	ND	202	101	200	8.71	
<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
<10.0	10.0	12/16/2022	ND					
78.0	% 45.3-16	1						
74 5	% 46 3-17	8						
-	Result <0.050 <0.050 <0.150 <0.300 <i>1111</i> Result <b>320</b> mg, Result <10.0 <10.0 <10.0 78.0	<ul> <li>&lt;0.050</li> <li>&lt;0.00</li> <li>&lt;0</li></ul>	Result       Reporting Limit       Analyzed         <0.050	Result         Reporting Limit         Analyzed         Method Blank           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <0.050

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Celeg Litteene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: WW 7 (H225912-08)

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	12/17/2022	ND	2.06	103	2.00	1.59	
Toluene*	<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/16/2022	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	12/17/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/17/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/17/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.2	% 46.3-17	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg Litteene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: WW 8 (H225912-09)

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	12/17/2022	ND	2.06	103	2.00	1.59	
Toluene*	<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2022	ND	203	102	200	0.878	
DRO >C10-C28*	<10.0	10.0	12/17/2022	ND	186	93.2	200	1.02	
EXT DRO >C28-C36	<10.0	10.0	12/17/2022	ND					
Surrogate: 1-Chlorooctane	88.0 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	95.7	% 46.3-17	10						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: SW 10 (H225912-10)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2022	ND	2.06	103	2.00	1.59	
Toluene*	<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2022	ND	203	102	200	0.878	
DRO >C10-C28*	<10.0	10.0	12/17/2022	ND	186	93.2	200	1.02	
EXT DRO >C28-C36	<10.0	10.0	12/17/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.1	% 46.3-17							

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 55 @ 5 (H225912-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	12/16/2022	ND	416	104	400	3.77	

## Sample ID: FL 58 @ 5 (H225912-12)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	12/16/2022	ND	416	104	400	3.77	

## Sample ID: FL 60 @ 5 (H225912-13)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	12/16/2022	ND	416	104	400	3.77	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg Zi Keene

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: EW 9 (H225912-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2022	ND	2.06	103	2.00	1.59	
Toluene*	<0.050	0.050	12/17/2022	ND	2.15	107	2.00	2.03	
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.17	108	2.00	1.82	
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.48	108	6.00	0.585	
Total BTEX	<0.300	0.300	12/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/16/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2022	ND	203	102	200	0.878	
DRO >C10-C28*	<10.0	10.0	12/17/2022	ND	186	93.2	200	1.02	
EXT DRO >C28-C36	10.0	10.0	12/17/2022	ND					
	<10.0	10.0	12/17/2022						
Surrogate: 1-Chlorooctane	<10.0								

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg Litteene

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**RDINAL LABORATORIES** 

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	(575)	393-2326	FAX	575	393-2476
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Company Name: Etech Environmental & Safety Sol	ution	s, In	IC.					1		BI	LL TO	III C					1	ANA	LYSI	S R	QUE	ST			
Project Manager: Lanc Crenshaw							P	.0.	#:	_			-			T									
Address: 2617 W Marland											lew boo														
City: Hobbs State: NM	Zip	p: 88	824	0			A	ttn:	JI	eff	Broo	M													E
Phone #: (575) 264-9884 Fax #:							A	ddr	ess	:48	al Busi	OArKBU					- 1								
Project #: 17123 Project Own	er: M	ne	2W	60	uri	1	c	ity:	F	66	65														L
Project Name: Sambonite 3-4 B2NM	Fer	C	on	21	H	-				IN				2 N	218						1				
Project Name: Sambonite 3-4 B2NM	1	N.	m						e #:				Chloride	TPH (8015M)	BTEX (8021B)				1						
Sampler Name: Dominic Cusare	2						-	ax				1	Ē	H	EX										
FOR LAB USE ONLY	T	Т	T		MATE	XIX		-	_	ERV.	SAMP	LING	1	<b>₽</b>	BT								ľ		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER .	ACID/RASE	ICE / COOL	OTHER :	DATE	TIME													
Del FL87@4	T	Т	Т		V			Т	T		12:14	4.19	V	V	11	1									T
2 FL88 @ 4					1			T			1		1		1										Τ
3 FL 89 @ 4														1	$\square$										
4 FL90 @ 4														1			_	_							1
5 FL 91 @4						-		1	1			-			$\square$	-	_			-					4
4 FL 92 @4						-	+	+				-	1	11	11	+	_	_	-		+	-	1-	-	+
7 NW7	+	+	+	1		+	+	∔	-		-		++	11	++	+		-	-	-	-	-		-	+
8 www	∔	∔	╀	-	11	+	+	╀	+	+	-				++-	+	_	_	-	-	-	-		-	+
9 WW8	╋	╋	+	+	1	+	+	╀	+	+	4/		1	11	++	+	-	-	-	-	+	+	+	-	+
LEASE WOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for	any cla	im aris	sing wh	hether t	based in	contra	act or 1	ort, sh	all be i	imited t	o the amount p	aid by the client for	the		V	_		-			1	1	1		1
nelyses. All claims including those for negligence and any other cause wheteover shall b ervice. In no event shall Cardinal be liable for incidental or consequentel damages, including	e deem	out limi	hed up	ilees m busine	ado in v m inter	niling : ruption	and co a, loss	celved of unit	by Ca	rdinal w	This 30 days at sits incurred by	inr completion of the client, its subsidies	ke applica das,	dele -											
Milates or successors arising out of or related to the performance of services hereunder by Relinquished By:				s of whe		ch cla	im is b	ased (	ipon a	ny of the	above stated	Phone Re	se.	DY	es		0	Add'l	Phone	#:			-	-	-
And And 1200	1	0	2	1	1							Fax Resul		DY				Add'l	Fax #:	_					_
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Delivered By: (Circle One)	0		T		ple C			1			ED BY:	- icase e	TICIN I	coult		u 00	py o		o to p		0010				
Sampler - UPS - Bus - Other: 18:2: #	11-	Z			Yes [	TY	es		<	(Initi	als)														
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Released to Imaging: 6/14/2023 2:11:56 PM

Page 293 of 358

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

of 358

Company Name	(575) 393-2326 I	ntal & Safety Solut	_	, Inc				T	2	BI	LL TO		2.			AN	ALYSIS	REC	UEST		-
roject Manage		enshaw				-		P	.0. #							T	T	T	T	T	
ddress: 261	7 W Marland	Silvines						c	omp		Kwbou.	m	1								
ity: Hobbs		State: NM	Zip	882	240	-					broon										
hone #: (57	5) 264-9884	Fax #:		-				A	ddre	ss: 4	BOLBUS	PARBINA									
roject #: 17	123	Project Owner	: 1	lei	NO	surv	1			Hob											
roject Name:	Samsonite	3-4 B2NN	nF	Ed	Cou	nl	H			NM				EM)	BTEX (8021B)						
roject Locatio	n: Rural L	sco hills	1	1.1	M.			P	hone	#:	-		Chloride	FPH (8015M)	80						
ampler Name:	Dominic	co hills Cabare	22					F	ax #:		-		Ē	H	EX						
FOR LAB USE ONLY				Π		MAT	RIX	1	PR	ESERV.	SAMPL	ING	1	Ħ	BT						
Lab I.D.	Sample	I.D.	G)RAB OR (C)OMP	CONTAINERS	SROUNDWATER	IL NILLY		SLUDGE OTHER :	ACID/BASE:	CE / COOL OTHER :	-										
225912			0	0 #	GR	SOIL	ð	SLU	ACI	J E	DATE	TIME		/				-	_		_
Dell	FL55@5					V	1				1214	4=19	V	-			-	-			
13	FL5805 FL6005		-	$\square$	-	V	4	+			12-14		1	e		-	-	-		-	-
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JASE NOTE: Liability a lyses. All claims includ vice. In no event shall C	nd Damages. Cardinal's liability and ing those for negligence and any oth ardinal be liable for incidential or cor	client's exclusive remedy for a or cause whelever shall be recurrential damages, including	leeme	l ventre	d unless	mede in	willing	and rec	alved by	Cardinal v	nibin 30 days all	id by the chent for or completion of th client, its subsidiar	e applical	ale							
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December 21, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/15/22 16:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 93 @ 4 (H225946-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.14	107	2.00	3.86	
Toluene*	0.079	0.050	12/21/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.3	% 46.3-17	0						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 94 @ 4 (H225946-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	0.061	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	17.6	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	15.4	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.4	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 95 @ 4 (H225946-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 96 @ 4 (H225946-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 97 @ 4 (H225946-05)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	74.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.8	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 98 @ 4 (H225946-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.4	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 99 @ 4 (H225946-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: WW 9 (H225946-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	75.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.2	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: WW 10 (H225946-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	213	106	200	5.10	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	187	93.3	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.5	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/15/2022	Sampling Date:	12/15/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: EW 9 (H225946-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2022	ND	2.14	107	2.00	3.86	
Toluene*	<0.050	0.050	12/20/2022	ND	2.31	115	2.00	4.39	
Ethylbenzene*	<0.050	0.050	12/20/2022	ND	2.27	113	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/20/2022	ND	6.94	116	6.00	2.04	
Total BTEX	<0.300	0.300	12/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/19/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2022	ND	209	105	200	1.68	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	178	89.2	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					
Surrogate: 1-Chlorooctane	76.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.5	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO		1		ANALYSIS REQUEST
Project Manager: Lanc Creushdw	P.O. #:				
Address: 2617 W Marland	Company Mew bo	rn			
City: Hobbs State: NM Zip: 88240	Attn: Seff Brou	740			
Phone #: (575) 264-9884 Fax #:	Address: 4801 Bus	Par plais			
Project #: 17/23 Project Owner: Mew Dourn	city: Hobbs				
Project Name: Samson ite 3-4 B2NM fed Com 1 H	State: NM Zip:	1 0	SM)	18	
Project Name: SamSonite 3-4 B2NM fed Com 1 H Project Location: RURAL LOCO Hills NM Sampler Name: Dominic Casaver	Phone #:	Chloride	CPH (8015M)	BTEX (8021B)	
Sampler Name: Dominil Casaver -	Fax #:	Chick	H	X	
FOR LAB USE ONLY MATRI			E I	E	
Tap I'D' Samble I'D' CONTAINERS # CONTAINERS GROUNDWATER Soil	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				
DC 1 FL 93 @ 4	12 15	4:21 6	11	1U	
ZFL94@4		1	11	4	
3 FL 95 @ 4					
4 FL 96 @ 4				1	
5 FL 97 @ 4 1			1		
6 82 98 @ 4			11		
7 FL99 @4			11	11	
8 WWg			11		
9 WW10			4.1	1	
10 EW 9					
NLEASE NOTE: Liability and Damages. Cardinal's fability and client's exclusive remody for any claim arising whether based in c nalyses. All claims including those for nogligence and any other cause whitsoever shall be deemed weived unless made in we	ig and received by Cardinal within 30 days a	Ner completion of the app	plicable		
ervice. In no event shall Cardinal be listle for incidential or consequential dumages, including without limitation, business letera Millates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such		reasons or otherwise.			
Relinquished By: Date: 12.15 Received By:	0	Phone Result Fax Result:			No Add'l Phone #: No Add'l Fax #:
Contact Time: 4.21 Stock	pren	REMARKS:			
Relinquished By: Date: Received By:	9				
Time:					
Delivered By: (Circle One) ~ A (1 - C - D (1 - C) Sample Co	dition CHECKED BY:	Please ema	il result	s and o	copy of CoC to pm@etechenv.com.
Delivered By:     (Circle One)     QO.4:     C - O.4:     Sample Co.       Sampler - UPS - Bus - Other:     P.8:     H     Yes	ct (Initiale)				
Sampler - OF - DUS - OURI. / OV HIZ	162				

Received by OCD: 2/14/2023 8:39:40 AM



December 27, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/19/22 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 100 @ 4 (H226007-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.08	104	2.00	9.13	
Toluene*	<0.050	0.050	12/21/2022	ND	2.23	111	2.00	9.26	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.22	111	2.00	9.57	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.89	115	6.00	9.85	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	106 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	0						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 101 @ 4 (H226007-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/21/2022	ND	2.08	104	2.00	9.13	
Toluene*	<0.050	0.050	12/21/2022	ND	2.23	111	2.00	9.26	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.22	111	2.00	9.57	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.89	115	6.00	9.85	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.3	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 102 @ 4 (H226007-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.0	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 103 @ 4 (H226007-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2020	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 104 @ 4 (H226007-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.9	% 46.3-17	8						

## Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

#### Sample ID: FL 105 @ 4 (H226007-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: NW 8 (H226007-07)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.3	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: SW 11 (H226007-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.4	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: EW 11 (H226007-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: WW 11 (H226007-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.10	105	2.00	9.11	
Toluene*	<0.050	0.050	12/22/2022	ND	2.24	112	2.00	8.20	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.25	112	2.00	9.46	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.94	116	6.00	9.42	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/21/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	187	93.6	200	10.3	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	208	104	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# ARDINAL LABORATORIES

Page 320 of 358

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	e: Etech Environmental & Safety Solu		BILL TO	ANALYSIS REQUEST
Project Manage	er: Lanc Crenshaw		P.O. #:	
Address: 26	17 W Marland		Company Mewbourn	
City: Hobbs	State: NM	Zip: 88240	Attn: Jeff Broom	
Phone #: (57	75) 264-9884 Fax #:		Address: 480   BUS PARE Ble	
Project #: 17		m:Mew/bourn	City: Holds	
Project Name	Samsonite 3-4 B2NM	Col Cour IH	State: N.M. Zip:	
Project Locatio	Dansonites 4 Now			Chloride TPH (8015M) BTEX (8021B)
Sampler Name		)	Phone #:	All 1 (8)
FOR LAB USE ONLY	Lominic Louren	MATRIX	Fax #: PRESERV. SAMPLING	
Lab I.D. Hzzlaw7	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SoiL Du	OTHER : ACID/BASE: ICE / COOL OTHER : BMIL BLAD	
PCI	FL100 @4	V V	12:19 335	YAV IIIII
Z	FL 101 @4	1 1		
3	FL 102 @4			
4	FL 103 @4			
5	FLIOY QU			
6	FL 105 @ 4			
7	NW8			
8	SWI			
9	EWII			
10	WWIL		8 8	
analyses All clams lacked service. In no event shall d affiliates or successors are Relinquished B Relinquished B Delivered By	Time: \$35	deemed walved unless made in writing an g without fimilation, business interruptions, Cardinal, regardless of whether such claim Received By:	d receased by Caudinal within 30 days either completion of the loss of sense, or loss of predite incurved by client, its substitute is based upon any of the above stated reasons or other Phone Res Fax Result REMARKS Please er (Initials)	: Ves No Add'I Fax #:

Received by OCD: 2/14/2023 8:39:40 AM



December 29, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/20/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 106 @ 4 (H226024-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/21/2022	ND	2.04	102	2.00	5.07	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.22	111	2.00	7.29	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.70	112	6.00	7.47	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	12/21/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	99.6 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 107 @ 4 (H226024-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.04	102	2.00	5.07	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.22	111	2.00	7.29	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.70	112	6.00	7.47	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	12/21/2022	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	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	77.4 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	85.6	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 108 @ 4 (H226024-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.04	102	2.00	5.07	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.22	111	2.00	7.29	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.70	112	6.00	7.47	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	12/21/2022	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	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

### Sample ID: FL 109 @ 4 (H226024-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.04	102	2.00	5.07	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.22	111	2.00	7.29	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.70	112	6.00	7.47	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	12/21/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.9	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 110 @ 4 (H226024-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.04	102	2.00	5.07	
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.22	111	2.00	7.29	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.70	112	6.00	7.47	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/21/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.3	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 111 @ 4 (H226024-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.04	102	2.00	5.07	
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.22	111	2.00	7.29	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.70	112	6.00	7.47	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	12/21/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.2	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 112 @ 4 (H226024-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.04	102	2.00	5.07	
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	8.15	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.22	111	2.00	7.29	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.70	112	6.00	7.47	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	12/21/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: WW 12 (H226024-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	3.93	
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	3.92	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.23	111	2.00	4.01	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.74	112	6.00	4.10	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/21/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.7	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 12 (H226024-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	3.93	
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	3.92	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.23	111	2.00	4.01	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.74	112	6.00	4.10	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/21/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.2	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/20/2022	Sampling Date:	12/20/2022
Reported:	12/29/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 12 (H226024-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/28/2022	ND	2.13	107	2.00	3.93	
Toluene*	0.540	0.050	12/28/2022	ND	2.20	110	2.00	3.92	
Ethylbenzene*	0.079	0.050	12/28/2022	ND	2.23	111	2.00	4.01	
Total Xylenes*	0.524	0.150	12/28/2022	ND	6.74	112	6.00	4.10	GC-NC1
Total BTEX	1.14	0.300	12/28/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/21/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	164	81.9	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	163	81.3	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.7	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### **Cardinal Laboratories**

#### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**RDINAL LABORATORIES** 

Page 333 of 358

101 East Marland, Hobbs, NM 88240

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

| e: Etech Environmental & Safety Solu   | Safety Solutions, Inc.  |   |   |  | BILL TO  
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|  | er: Lanc Crenshaw<br>17 W Marland<br>State: NM<br>15) 264-9884 Fax #:<br>12-3 Project Owne<br>Sam Sonite 34 B2WM P<br>m: Rural Loce Hills<br>: Dominic Casares<br>Sample I.D.<br>FL 106 @ 4<br>FL 107 @ 4<br>FL 107 @ 4<br>FL 108 @ 4<br>FL 108 @ 4<br>FL 10 @ 4<br>FL 11 @ 4<br>FL 11 @ 4<br>FL 11 @ 4<br>FL 11 @ 4<br>FL 112@ 4<br>WW12<br>SW 12<br>EW 12<br>EW 12<br>EM 12<br>Date: Time:<br>Quarter of the second seco | er: Lanc Crenshaw<br>17 W Marland<br>State: NM Zip:<br>75) 264-9884 Fax #:<br>123 Project Owner: $M$<br>Sam Sonite 3-4 B2NM Fed<br>m: Rural Loce Hills<br>: Dominic Casarez<br>Sample I.D.<br>FL 106 @ 4<br>FL 107 @ 4<br>FL 107 @ 4<br>FL 108 @ 4<br>FL 108 @ 4<br>FL 10 @ 4<br>FL 10 @ 4<br>FL 10 @ 4<br>FL 11 @ 4<br>FL 12 @ 4<br>WW 12<br>SW 12<br>EW 12<br>EW 12<br>EW 12<br>EW 12<br>SW 2<br>SW 2<br>SW 2<br>EW 12<br>EW 12<br>EW 12<br>SW 2<br>SW 2<br>S | er: Lanc Crenshaw<br>17 W Marland<br>State: NM Zip: 882<br>75) 264-9884 Fax #:<br>12-3 Project Owner: Mek<br>Sam 50 Nife 3-4 B2NM Fed Co<br>m: Rvral Loce Hills N/<br>: Dominic Casavez<br>Sample I.D.<br>Sample I.D.<br>FL 106 @ 4<br>FL 107 @ 4<br>FL 108 @ 4<br>FL 109 @ 4<br>FL 109 @ 4<br>FL 10 @ 4<br>FL 111 @ 4<br>FL 112 @ 4<br>Ww12<br>Sw 12<br>Ew 12<br>Sw 12<br>Sw 12<br>Ew 12<br>Sw | er: Lanc Crenshaw<br>17 W Marland<br>State: NM Zip: 88240<br>75) 264-9884 Fax #:<br>12.3 Project Owner: Mewbo<br>SamSonite 3:4 B2MM Fee Can<br>m: Rural Loce Hills NM-<br>: Dominic Cusurez<br>Sample I.D.<br>Sample I.D.<br>IU = III = III = III = IIII = IIII = IIII = IIII = IIII = IIII = IIIII = IIIII = IIIII = IIIII = IIIII = IIIIII | er: Lanc Crenshaw<br>17 W Marland<br>State: NM Zip: 88240<br>75) 264-9884 Fax #:<br>12.3 Project Owner: Mewbour<br>Sam Sonife 3-4 B2WM Fed Can IA<br>I. Rural Loce Hills NM-<br>: Dominic Casarez<br>Sample I.D.<br>Rural Loce Hills NM-<br>: Dominic Casarez<br>Sample I.D.<br>Rural Loce Hills NM-<br>: Dominic Casarez<br>Kellog & 4<br>FL 106 @ 4<br>FL 107 & 4<br>FL 108 @ 4<br>FL 112 @ 4<br>WW 12<br>SW 12<br>EW 12<br>EW 12<br>SW 12<br>SW 12<br>EW 12<br>SW 12<br>EW 12<br>SW 12<br>SW 12<br>EW 12<br>SW | er: Lanc Crenshaw<br>17 W Marland<br>State: NM Zip: 88240<br>75) 264-9884 Fax #:<br>12.3 Project Owner: Mewbourn<br>Samoonite 3-4 B2WM Fed Can IH<br>m: Rural Loce Hills NM.<br>: Dominic Casarez<br>MATRIX<br>Sample I.D.<br>IUO O U O U O U O U O U O U O U O U O U | er: Lanc Crenshaw<br>17 W Marland<br>State: NM Zip: 88240<br>75) 264-9884 Fax #:<br>12.3 Project Owner: Mewbourn<br>Samborite 34 B2WM Fed Can IH<br>m: Rural Loce Hills NM-<br>: Dominic Casavez<br>MATRIX<br>Bample I.D.<br>Bample I.D.<br>PL 106 @ 4<br>FL 106 @ 4<br>FL 107 @ 4<br>FL 108 @ | er: Lanc Crenshaw P.0<br>17 W Marland Con<br>State: NM Zip: 88240 Attr<br>75) 264-9884 Fax #: Add<br>12.3 Project Owner: Mewbourn City<br>3 A M 50 Nife 3-4 B2MM Fc2 Can I H<br>State: NM Zip: 88240 Attr<br>3 A M 50 Nife 3-4 B2MM Fc2 Can I H<br>State: Dominic Coscret<br>Sample I.D. William Martin<br>FL 106 @ 4<br>FL 107 @ 4<br>FL 107 @ 4<br>FL 108 @ 4<br>FL 108 @ 4<br>FL 109 @ 4<br>FL 100 @ 4<br>FL 110 @ 4<br>FL 102 @ 4<br>FL 102 @ 4<br>FL 102 @ 4<br>FL 100 @ 4<br>FL | er:     Lance Crenshaw     P.O.#:       17 W Marland     Compa       State:     NM     Zip: 88240       75) 264-9884     Fax #:     Address       12 3     Project Owner:     Mewbourn       Sambowite 3-4 B2WM Fed Can IH     State:       Sambowite 3-4 B2WM Fed Can IH     State:       Sambowite 3-4 B2WM Fed Can IH     State:       m:     Rvrait Loce Hills     NM.       Phone     Fax #:     MATRIX       Sample I.D.     BUTWMUNDURUN     BUTWMUNDURUN       Subscription     BUTWMUNDURUN     BUTWMUNDURUN       FL 106 @ 4     IIII @ IIIII @ IIIIII | er:     Lance Crenshaw     P.O. #:       17 W Marland     Company M       17 W Marland     Company M       17 W Marland     State: NM     Zip: 88240       12 3     Project Owner:     Mewbourn       12 3     Project Owner:     Mewbourn       12 3     Project Owner:     Mewbourn       Sam Sonite 3: 41 B2A/M Fed Can 1H     State: NM       Sam Sonite 3: 41 B2A/M Fed Can 1H     State: NM       Sam Sonite 3: 41 B2A/M Fed Can 1H     State: NM       Sample 1.D.     Ward Ward Can 1H       FL 106 @ 4     Ward Ward Can 1H       FL 107 @ 4     Ward Ward Can 1H       FL 108 @ 4     Ward Ward Can 1H       FL 108 @ 4     Ward Ward Can 1H       FL 109 @ 4     Ward Ward Can 1H       FL 100 @ 4     Ward Ward Can 1H       FL 102 @ 4     Ward Ward Can 1H       Sw 12     Ward Ward Can 1H </td <td>er: Lanc Crenshaw P.O. #:<br/>TW Mariand Company Melh<br/>State: NM Zip: 88240 Attn: Jeff 1<br/>Address: 480<br/>12-3 Project Owner: Mewbourn City: Habby<br/>Sambonite 3-4 B2MM Fee Cam I H State: NM Zi<br/>Sambonite 3-4 B2MM Fee Cam I H State: NM Zi<br/>Dom: Rvral Loce Hills NM- Phone #:<br/>Dominic Casave 2 Fax #:<br/>Sample I.D. Work William Barbonic Company Melh<br/>FL 106 @ 4<br/>FL 107 @ 4<br/>FL 107 @ 4<br/>FL 108 @ 4</td> <td>Pro:     Lanc Crenshaw     P.O.#:       17 W Martand     Company Me Wown       State: NM     Zip: 88240       4dtn::     Jeth Brown       75) 264-9884     Fax #:       12-3     Project Owner:       Jam Sonite 3:4 B2WM Fed Cam I H       State: NM     Zip:       Sam Sonite 3:4 B2WM Fed Cam I H       State: NM     State: NM       Sam Sonite 3:4 B2WM Fed Cam I H       State: NM     Phone #:       Dominic Cossere 2     Fax #:       Sample I.D.     War Will Not State: NM       Work Wood Will Not State: NM     Prose #:       FL 106 @ 4     I       FL 107 @ 4     I       FL 108 @ 4     I       FL 108 @ 4     I       FL 108 @ 4     I       FL 110 @ 4     I       FL 110 @ 4     I       FL 110 @ 4     I       FL 112 @ 4     I       WW 12     I       Sw 12     I       Ew 12     Image: State Image And the state Im</td> <td>arr:     Lance Crenshaw     P.O. #:       17 W Marland     Company MeWbourn       17 W Marland     State: NM Zip: 88240       Attn:     264 9884     Fax #:       Address:     H801 B3:5 York Blr.       12 3     Project Owner: Mewbourn       Sambonite 3-4 B2WM Fed Can I H     State: NM Zip:       Sambonite 3-4 B2WM Fed Can I H     State: NM Zip:       m:     Rvr&amp; Loce Hills NM.       Phone #:     Fax #:       Sample I.D.     Will Will Will Will Will Will Will Will</td> <td>arr:       Lance Crenshaw       P.O. #:         17 W Mariand       Company [MeW bowrn         17 W Mariand       Company [MeW bowrn         17 W Mariand       State: NM       Zip: 88240         18 State:       NM       Zip: 88240         12 3       Project Owner:       MeW bowrn         12 3       Project Owner:       MeW bowrn         Sam5onite 3:41 B2MM Fed Can IH       State: NM Zip:         m:       RvrAl Loce       Hill 5         Downinic Cossyez       Fax #:         Wolf 20 B2 Wind Bar State:       NM         Sample I.D.       Wolf 20 B2 Wind Bar State:       Date:         FL 106       G. 4       Fax #:       Date:         FL 108       G. 4       Fax #:       Date:         FL 108       G. 4       Fax #:       Fax #:         WW 12       Switz       Fax #:       Fax #:         Switz       Date:       Received By:       Fax #:       Fax #:         FL 108       Fax #:       Fax #:       Fax #:       Fax #:       Fax #:         FL 108       Fax #:       Fa</td> <td>arr:       Lance Crenshaw       P.O. #:         17 W Martland       Company/MeWbourn         17 W Martland       Company/MeWbourn         17 W Martland       State: NM       Zip: 88240         18 Zap:       Project Owner:       MeWbourn       City:       Hobb 5         12 3       Project Owner:       MeWbourn       City:       Hobb 5         SAM50nite 3:41 B2NM Fed Can IH       State:       NM Zip:       Prone #:         Project Owner:       MeWbourn       Fax #:       Project Owner:         Sample 1.D.       Wolf WWW       Wolf Wigging of Wigging Wigging of Wigging of</td> <td>Bar:     Lanc     Crenshaw     P.o. #:       17W Marland     Company MeWbourn       17W Marland     Company MeWbourn       175) 264-9884     Fax #:     Address: 4801 B3:5 Yark Blirk       123     Project Owner: Mewbourn     City: Hobbid       123     Project Owner: Mewbourn     City: Hobbid       3Am 5onite     34 H B2MM Fe2 Can I H     State: NM Zip:       Sample I.D.     Bissing of the state of the state</td> <td>and Crenshaw       P.O. #:         17W Martand       Company MeWbourn         17W Martand       Company MeWbourn         175) 264-9884       Fax #:         123       Project Owner: Mewbourn         123       Project Owner: Mewbourn         123       Project Owner: Mewbourn         123       Project Owner: Mewbourn         124       B2MM Fox #:         125       Project Owner: Mewbourn         Sambonite 3-41 B2MM Fc2 Can I H       State: NM Zip:         Prove #:       Prove #:         Dominic Cosserez       Fax #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM Zip: State: NM Zip: State: NM Zip:       Prove #:         Image: State: NM Zip: Stat</td> <td>ar:     Lance Crenshaw     P.O. 8:       17W Martand     Company MeWbourn       State:     NM       12.3     Project Owner:       3Am5on/i+e     34M5/24/B2/MFe2 Can I H       Sample n.D.     State:       Will Support     Fax 8:       Sample I.D.     Will Support       Will Support     Support       VIL 106 @ 4     Fax 8:       FL 106 @ 4     Fax 8:       FL 107 @ 4     FL 107 @ 4       FL 107 @ 4     FL 100 @ 4       FL 111 @ 4     FL 100 @ 4       FL 112 @ 4     Will Support       Will 2:     Swill 2:       Swill 2:     Fax 8:       Swill 2:     Fax 8:       FL 100 @ 4     FL 100 @ 4       FL 100 @ 4     FL 100 @ 4       FL 112 @ 4     Will 2:       Swill 2:     Fax 8:       Full 2:     Fax 8:       Full 3:     Fax 8:       FL 100 @ 14     FL 100 @ 14       FL 100 @ 14     FL 100 @ 14       FL 111 @ 4</td> <td>ar:       Lance Crenshaw       P.0.8:         17W Martand       Company MeW bourn         17S) 264-9864       Fax #:       Address: 4801 B:: 9 knik Birk         12.3       Project Owner: Mew bourn       City: Hobbs's         Sampsonie - J. J. Sample Commer: Mew bourn       City: Hobbs's         12.3       Project Owner: Mew bourn       City: Hobbs's         Sample N.D.       Willing       Batter: NM Zip:         m:       RvrAL Loce HillS       NML         Project Owner: Mew bourn       Fax #:       City: Hobbs's         Sample I.D.       Willing       Batter: NM Zip:       Batter: NML         Willing       Batter: NML       Project Owner: Mew bourn       City: Hobbs's         Sample I.D.       Batter: NML       Batter: NML       Batter: NML         Willing       Batter: NML       Batter: NML       Batter: NML         Sample I.D.       Batter: NML       Batter: NML       Batter: NML         Batter: NML       Batter: NML       Batter: NML       Batter: NML         FL 106 @ 4       FL 107 @ 4       FL 107 @ 4       FL 107 @ 4         FL 110 @ 4       FL 110 @ 4       FL 100 @ 4       FL 100 @ 4         WW 12       Swi 12       FL 100 @ 4       FL 100 @ 4       F</td> <td>ar:       Lance Crenshaw       P.O. #:         17 W Martand       Company Met bourn         17 W Martand       Company Met bourn         18 284-8884       Fax #:         12 3       Project Owner: Met bourn         12 3       Project Owner: Met bourn         Sam Sonite 3:44 B2MM Fed Cam I H       State: NM Zip:         m:       Ryral Lace Hills NM         m:       Ryral Lace Hills NM         Sample I.D.       Big Willing Wi</td> <td>ar: Lance Crenshally<br/>ITW Marland<br/>State: NM Zip: 88240<br/>Attn:: 524F Brown<br/>For Best Project Owner: Mey bourn<br/>(5) 264-9884<br/>Fax #:<br/>Address: 4801 B3:5 %/KB/k<br/>12-3 Project Owner: Mey bourn<br/>Sam 50 nife 3-4 B2W/M Fed Cam 1 H<br/>State: NM Zip:<br/>Sam 50 nife 3-4 B2W/M Fed Cam 1 H<br/>State: NM Zip:<br/>Barnis Cassive z<br/>Fax #:<br/>Sam 10 nife Cassive z<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Company Met bourn<br/>Barnis Cassive z<br/>Fax #:<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Fax #:<br/>Sample I.D.<br/>Barnis Cassive z<br/>Fax #:<br/>Fax #:<br/>Time:<br/>Fill 106 @ 4<br/>FL 107 @ 4<br/>F</td> <td>Proc. 8:     Dance Creanshaw     P.O. 8:       17 W Martand     Company Melw bourn       17 W Martand     Company Melw bourn       17 W Martand     Company Melw bourn       17 Bite:     Project Owner: Melw bourn<td>Pr:     Lance Crenshow     P.O. 8:       17 W Marland     Company M&amp; Wourn       State: NM     Zip: 88240       Attr:     264.9804       Fig 264.9804     Fig 8:       3 Project Owner:     Melwbourn       City:     Holl Big 2: Ywr.KB/rd       3 Am Sonite 3: 44 B2/M Fig 2: Com 1 H     State: N/M Zip:       Sample 1.D.     Big 8: Wours       Big 8: Wours     Phone 1:       Project Owner:     Martix       Big 8: Wours     Project Owner:       Big 8: Wours     Will Big 8: Wours       Sample 1.D.     Will Big 8: Wours       Big 8: Wours     Will Big 8: Wours       FL 106 @ 4     Will Big 8: Wours       FL 110 @ 4     Will Big 8: Wours</td><td>ar:     Lance Crenshaw     P.O. 8:       TW Matand     Company/M&amp;Wbown       is State: NM     zip: 88240       Attr:: Jelf Grown     Attr:: Jelf Grown       is:     Definition of the state in the s</td><td>pr:     Lance Crenshaw     P.O. #:       TVW Matand     Company Welk bourn       is     State: NM Zip: 88240       Attr: 5 Eff Brown       is     Definition of the state in the sta</td></td> | er: Lanc Crenshaw P.O. #:<br>TW Mariand Company Melh<br>State: NM Zip: 88240 Attn: Jeff 1<br>Address: 480<br>12-3 Project Owner: Mewbourn City: Habby<br>Sambonite 3-4 B2MM Fee Cam I H State: NM Zi<br>Sambonite 3-4 B2MM Fee Cam I H State: NM Zi<br>Dom: Rvral Loce Hills NM- Phone #:<br>Dominic Casave 2 Fax #:<br>Sample I.D. Work William Barbonic Company Melh<br>FL 106 @ 4<br>FL 107 @ 4<br>FL 107 @ 4<br>FL 108 @ 4 | Pro:     Lanc Crenshaw     P.O.#:       17 W Martand     Company Me Wown       State: NM     Zip: 88240       4dtn::     Jeth Brown       75) 264-9884     Fax #:       12-3     Project Owner:       Jam Sonite 3:4 B2WM Fed Cam I H       State: NM     Zip:       Sam Sonite 3:4 B2WM Fed Cam I H       State: NM     State: NM       Sam Sonite 3:4 B2WM Fed Cam I H       State: NM     Phone #:       Dominic Cossere 2     Fax #:       Sample I.D.     War Will Not State: NM       Work Wood Will Not State: NM     Prose #:       FL 106 @ 4     I       FL 107 @ 4     I       FL 108 @ 4     I       FL 108 @ 4     I       FL 108 @ 4     I       FL 110 @ 4     I       FL 110 @ 4     I       FL 110 @ 4     I       FL 112 @ 4     I       WW 12     I       Sw 12     I       Ew 12     Image: State Image And the state Im | arr:     Lance Crenshaw     P.O. #:       17 W Marland     Company MeWbourn       17 W Marland     State: NM Zip: 88240       Attn:     264 9884     Fax #:       Address:     H801 B3:5 York Blr.       12 3     Project Owner: Mewbourn       Sambonite 3-4 B2WM Fed Can I H     State: NM Zip:       Sambonite 3-4 B2WM Fed Can I H     State: NM Zip:       m:     Rvr& Loce Hills NM.       Phone #:     Fax #:       Sample I.D.     Will Will Will Will Will Will Will Will | arr:       Lance Crenshaw       P.O. #:         17 W Mariand       Company [MeW bowrn         17 W Mariand       Company [MeW bowrn         17 W Mariand       State: NM       Zip: 88240         18 State:       NM       Zip: 88240         12 3       Project Owner:       MeW bowrn         12 3       Project Owner:       MeW bowrn         Sam5onite 3:41 B2MM Fed Can IH       State: NM Zip:         m:       RvrAl Loce       Hill 5         Downinic Cossyez       Fax #:         Wolf 20 B2 Wind Bar State:       NM         Sample I.D.       Wolf 20 B2 Wind Bar State:       Date:         FL 106       G. 4       Fax #:       Date:         FL 108       G. 4       Fax #:       Date:         FL 108       G. 4       Fax #:       Fax #:         WW 12       Switz       Fax #:       Fax #:         Switz       Date:       Received By:       Fax #:       Fax #:         FL 108       Fax #:       Fax #:       Fax #:       Fax #:       Fax #:         FL 108       Fax #:       Fa | arr:       Lance Crenshaw       P.O. #:         17 W Martland       Company/MeWbourn         17 W Martland       Company/MeWbourn         17 W Martland       State: NM       Zip: 88240         18 Zap:       Project Owner:       MeWbourn       City:       Hobb 5         12 3       Project Owner:       MeWbourn       City:       Hobb 5         SAM50nite 3:41 B2NM Fed Can IH       State:       NM Zip:       Prone #:         Project Owner:       MeWbourn       Fax #:       Project Owner:         Sample 1.D.       Wolf WWW       Wolf Wigging of Wigging Wigging of Wigging of | Bar:     Lanc     Crenshaw     P.o. #:       17W Marland     Company MeWbourn       17W Marland     Company MeWbourn       175) 264-9884     Fax #:     Address: 4801 B3:5 Yark Blirk       123     Project Owner: Mewbourn     City: Hobbid       123     Project Owner: Mewbourn     City: Hobbid       3Am 5onite     34 H B2MM Fe2 Can I H     State: NM Zip:       Sample I.D.     Bissing of the state | and Crenshaw       P.O. #:         17W Martand       Company MeWbourn         17W Martand       Company MeWbourn         175) 264-9884       Fax #:         123       Project Owner: Mewbourn         123       Project Owner: Mewbourn         123       Project Owner: Mewbourn         123       Project Owner: Mewbourn         124       B2MM Fox #:         125       Project Owner: Mewbourn         Sambonite 3-41 B2MM Fc2 Can I H       State: NM Zip:         Prove #:       Prove #:         Dominic Cosserez       Fax #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM OND IN State: NM Zip:       Prove #:         Image: State: NM Zip: State: NM Zip: State: NM Zip:       Prove #:         Image: State: NM Zip: Stat | ar:     Lance Crenshaw     P.O. 8:       17W Martand     Company MeWbourn       State:     NM       12.3     Project Owner:       3Am5on/i+e     34M5/24/B2/MFe2 Can I H       Sample n.D.     State:       Will Support     Fax 8:       Sample I.D.     Will Support       Will Support     Support       VIL 106 @ 4     Fax 8:       FL 106 @ 4     Fax 8:       FL 107 @ 4     FL 107 @ 4       FL 107 @ 4     FL 100 @ 4       FL 111 @ 4     FL 100 @ 4       FL 112 @ 4     Will Support       Will 2:     Swill 2:       Swill 2:     Fax 8:       Swill 2:     Fax 8:       FL 100 @ 4     FL 100 @ 4       FL 100 @ 4     FL 100 @ 4       FL 112 @ 4     Will 2:       Swill 2:     Fax 8:       Full 2:     Fax 8:       Full 3:     Fax 8:       FL 100 @ 14     FL 100 @ 14       FL 100 @ 14     FL 100 @ 14       FL 111 @ 4 | ar:       Lance Crenshaw       P.0.8:         17W Martand       Company MeW bourn         17S) 264-9864       Fax #:       Address: 4801 B:: 9 knik Birk         12.3       Project Owner: Mew bourn       City: Hobbs's         Sampsonie - J. J. Sample Commer: Mew bourn       City: Hobbs's         12.3       Project Owner: Mew bourn       City: Hobbs's         Sample N.D.       Willing       Batter: NM Zip:         m:       RvrAL Loce HillS       NML         Project Owner: Mew bourn       Fax #:       City: Hobbs's         Sample I.D.       Willing       Batter: NM Zip:       Batter: NML         Willing       Batter: NML       Project Owner: Mew bourn       City: Hobbs's         Sample I.D.       Batter: NML       Batter: NML       Batter: NML         Willing       Batter: NML       Batter: NML       Batter: NML         Sample I.D.       Batter: NML       Batter: NML       Batter: NML         Batter: NML       Batter: NML       Batter: NML       Batter: NML         FL 106 @ 4       FL 107 @ 4       FL 107 @ 4       FL 107 @ 4         FL 110 @ 4       FL 110 @ 4       FL 100 @ 4       FL 100 @ 4         WW 12       Swi 12       FL 100 @ 4       FL 100 @ 4       F | ar:       Lance Crenshaw       P.O. #:         17 W Martand       Company Met bourn         17 W Martand       Company Met bourn         18 284-8884       Fax #:         12 3       Project Owner: Met bourn         12 3       Project Owner: Met bourn         Sam Sonite 3:44 B2MM Fed Cam I H       State: NM Zip:         m:       Ryral Lace Hills NM         m:       Ryral Lace Hills NM         Sample I.D.       Big Willing Wi | ar: Lance Crenshally<br>ITW Marland<br>State: NM Zip: 88240<br>Attn:: 524F Brown<br>For Best Project Owner: Mey bourn<br>(5) 264-9884<br>Fax #:<br>Address: 4801 B3:5 %/KB/k<br>12-3 Project Owner: Mey bourn<br>Sam 50 nife 3-4 B2W/M Fed Cam 1 H<br>State: NM Zip:<br>Sam 50 nife 3-4 B2W/M Fed Cam 1 H<br>State: NM Zip:<br>Barnis Cassive z<br>Fax #:<br>Sam 10 nife Cassive z<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Company Met bourn<br>Barnis Cassive z<br>Fax #:<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Fax #:<br>Sample I.D.<br>Barnis Cassive z<br>Fax #:<br>Fax #:<br>Time:<br>Fill 106 @ 4<br>FL 107 @ 4<br>F | Proc. 8:     Dance Creanshaw     P.O. 8:       17 W Martand     Company Melw bourn       17 W Martand     Company Melw bourn       17 W Martand     Company Melw bourn       17 Bite:     Project Owner: Melw bourn <td>Pr:     Lance Crenshow     P.O. 8:       17 W Marland     Company M&amp; Wourn       State: NM     Zip: 88240       Attr:     264.9804       Fig 264.9804     Fig 8:       3 Project Owner:     Melwbourn       City:     Holl Big 2: Ywr.KB/rd       3 Am Sonite 3: 44 B2/M Fig 2: Com 1 H     State: N/M Zip:       Sample 1.D.     Big 8: Wours       Big 8: Wours     Phone 1:       Project Owner:     Martix       Big 8: Wours     Project Owner:       Big 8: Wours     Will Big 8: Wours       Sample 1.D.     Will Big 8: Wours       Big 8: Wours     Will Big 8: Wours       FL 106 @ 4     Will Big 8: Wours       FL 110 @ 4     Will Big 8: Wours</td> <td>ar:     Lance Crenshaw     P.O. 8:       TW Matand     Company/M&amp;Wbown       is State: NM     zip: 88240       Attr:: Jelf Grown     Attr:: Jelf Grown       is:     Definition of the state in the s</td> <td>pr:     Lance Crenshaw     P.O. #:       TVW Matand     Company Welk bourn       is     State: NM Zip: 88240       Attr: 5 Eff Brown       is     Definition of the state in the sta</td> | Pr:     Lance Crenshow     P.O. 8:       17 W Marland     Company M& Wourn       State: NM     Zip: 88240       Attr:     264.9804       Fig 264.9804     Fig 8:       3 Project Owner:     Melwbourn       City:     Holl Big 2: Ywr.KB/rd       3 Am Sonite 3: 44 B2/M Fig 2: Com 1 H     State: N/M Zip:       Sample 1.D.     Big 8: Wours       Big 8: Wours     Phone 1:       Project Owner:     Martix       Big 8: Wours     Project Owner:       Big 8: Wours     Will Big 8: Wours       Sample 1.D.     Will Big 8: Wours       Big 8: Wours     Will Big 8: Wours       FL 106 @ 4     Will Big 8: Wours       FL 110 @ 4     Will Big 8: Wours | ar:     Lance Crenshaw     P.O. 8:       TW Matand     Company/M&Wbown       is State: NM     zip: 88240       Attr:: Jelf Grown     Attr:: Jelf Grown       is:     Definition of the state in the s | pr:     Lance Crenshaw     P.O. #:       TVW Matand     Company Welk bourn       is     State: NM Zip: 88240       Attr: 5 Eff Brown       is     Definition of the state in the sta |

**Revision 1.0** 

Received by OCD: 2/14/2023 8:39:40 AM



December 27, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/21/22 15:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/21/2022	Sampling Date:	12/21/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 113 @ 4 (H226037-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/22/2022	ND	1.99	99.7	2.00	4.31	
Toluene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.94	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.59	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.61	110	6.00	2.94	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/22/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	199	99.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	72.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.8	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/21/2022	Sampling Date:	12/21/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

### Sample ID: FL 114 @ 4 (H226037-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	1.99	99.7	2.00	4.31	
Toluene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.94	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.59	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.61	110	6.00	2.94	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/22/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	199	99.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.8	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/21/2022	Sampling Date:	12/21/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

### Sample ID: FL 115 @ 4 (H226037-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	1.99	99.7	2.00	4.31	
Toluene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.94	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.59	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.61	110	6.00	2.94	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	12/22/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	199	99.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	72.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.8	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/21/2022	Sampling Date:	12/21/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 13 (H226037-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	1.99	99.7	2.00	4.31	
Toluene*	0.088	0.050	12/22/2022	ND	2.15	107	2.00	3.94	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.59	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.61	110	6.00	2.94	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/22/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	199	99.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	71.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.8	% 46.3-17	8						

# Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/21/2022	Sampling Date:	12/21/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 14 (H226037-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	1.99	99.7	2.00	4.31	
Toluene*	0.111	0.050	12/22/2022	ND	2.15	107	2.00	3.94	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.59	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.61	110	6.00	2.94	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/22/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	199	99.7	200	4.06	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	207	103	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	71.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.3	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/21/2022	Sampling Date:	12/21/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW 9 (H226037-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2022	ND	1.99	99.7	2.00	4.31	
Toluene*	0.097	0.050	12/22/2022	ND	2.15	107	2.00	3.94	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.15	107	2.00	3.59	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.61	110	6.00	2.94	
Total BTEX	<0.300	0.300	12/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/22/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2022	ND	211	106	200	3.50	
DRO >C10-C28*	<10.0	10.0	12/22/2022	ND	227	113	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	12/22/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.2	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

### **Cardinal Laboratories**

#### \*=Accredited Analyte

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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 39	3-2476							
Company Name: Etech Environmental & Safety	Solutions, Inc.	BILL TO				ANALYSI	S REQUEST	
Project Manager: Lanc Crenshew		P.O. #:						
Address: 2617 W Marland		Company Mey bo	urn					
City: Hobbs State: NM	Zip: 88240	Attn: Jeff Br	mag					
Phone #: (575) 264-9884 Fax #:		Address: 4801 Bus	Park Blud					
Project #: 17123 Project O	vner: Mew bour v	City Habbs	- T -					
Project Name: Samsonite 3-4 Project Location: Rural Loco H	B2NM fed Con	h/H State: TX Zip:		Chloride TPH (8015M)	BTEX (8021B)			
Project Location: Rural Loco H	ILS NM	Phone #:		Chloride H (80151	(80			
Sampler Name: Dominic Casa	vez	Fax #:		H	<b>X</b>			
FOR LAB USE ONLY	MATR	IX PRESERV. SAMP	LING	4	6			
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL		-					
DC / FLUI3@4		12.20		- 1	V			
2 FL114 Qu				-+++	+++-			-+
3FL115@4						+ + +		+
4 EW 13 SEW 14								
G NW 9	V V		V	11				-
\$ 1.W 1			1					-
			-					
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Relinquished By: Date: 12 Time: 53	21 Received By:	ionen	Phone Res Fax Result REMARKS	sult: 🗆 Y t: 🗆 Y		Add'l Phone Add'l Fax #:	#:	
Relinquished By: Date: Time:	Received By:	1 0	Please er	mail regul	te and con	of CoC to p	m@etechenv.com.	
Delivered By: (Circle One) 8-72/0-0 Sampler - UPS - Bus - Other: 18.12		ondition CHECKED BY: tact (Initials)		1101110301				
Bile.	#1/3 100	No DIC						
FORM-006	Cardinal cannot accept	t verbal changes. Please f	ax written cl	hanges to	575-393-24	76		

Page 9 of 9

Received by OCD: 2/14/2023 8:39:40 AM

**Revision 1.0** 



December 30, 2022

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/28/22 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/28/2022	Sampling Date:	12/28/2022
Reported:	12/30/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: NW 10 (H226093-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	12/29/2022	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	12/29/2022	ND	2.22	111	2.00	3.06	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	2.50	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.57	109	6.00	2.79	
Total BTEX	<0.300	0.300	12/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
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	12/29/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2022	ND	218	109	200	2.88	
DRO >C10-C28*	<10.0	10.0	12/29/2022	ND	237	118	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	12/29/2022	ND					
Surrogate: 1-Chlorooctane	103 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/28/2022	Sampling Date:	12/28/2022
Reported:	12/30/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

### Sample ID: FL 116 @ 4' (H226093-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2022	ND	2.11	105	2.00	1.59	
Toluene*	<0.050	0.050	12/29/2022	ND	2.22	111	2.00	3.06	
Ethylbenzene*	<0.050	0.050	12/29/2022	ND	2.14	107	2.00	2.50	
Total Xylenes*	<0.150	0.150	12/29/2022	ND	6.57	109	6.00	2.79	
Total BTEX	<0.300	0.300	12/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4930	16.0	12/29/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2022	ND	218	109	200	2.88	
DRO >C10-C28*	<10.0	10.0	12/29/2022	ND	237	118	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	12/29/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/28/2022	Sampling Date:	12/28/2022
Reported:	12/30/2022	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 117 @ 4' (H226093-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2022	ND	1.99	99.4	2.00	7.55	
Toluene*	<0.050	0.050	12/30/2022	ND	2.09	104	2.00	9.34	
Ethylbenzene*	<0.050	0.050	12/30/2022	ND	2.02	101	2.00	11.3	
Total Xylenes*	<0.150	0.150	12/30/2022	ND	6.21	104	6.00	10.9	
Total BTEX	<0.300	0.300	12/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	12/29/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/29/2022	ND	218	109	200	2.88	
DRO >C10-C28*	<10.0	10.0	12/29/2022	ND	237	118	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	12/29/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-24	\$76	8	_				
Company Name: Etech Environmental & Safety Solu	BILL TO		ANALYSIS REQUEST				
Project Manager: Lancerenshaw	P.O. #:						
Address: 2617 W Marland		Company Mewbo	orn				
City: Hobbs State: NM	Zip: 88240	Attn: Jeff Bra	om				
Phone #: (575) 264-9884 Fax #:		Address: 4801 Bus	Pro Ble				
Project #: 17123 Project Owne	"Mewbourn	City: Hobb5					
Project Name: Sambauite 3-4 B21	Vin Eed ComIH	State: NM. Zip:		6 (W)	218		
Project Location: Kurh Laco Hi	115	Phone #:		Chloride TPH (8015M)	BTEX (8021B)		
Sampler Name: Dominic Casa	rel	Fax #:		HCH	L A		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLI	NG	4	B		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL SILUDGE		TIME				
DCI NW10		1228		V	AV		
2 FL 116@4		1228		VI	11		
3 FL 117@4	N N	12 28		40	V		
		*			+ $+$		
	┫╂╂┼┼┼┼				+ $+$		
					+		
					+		
					+		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for unanalyses. All claims including these for negligence and any offer cause whatboever shall be service. In no event shall cardinal be liable for incidential or consequential damages, includin affiliates or successors arising out of or related to the performance of services hereunder by Relinquished By:         Date:       2.2.28         Relinquished By:       Date:         Delivered By:       Date:         Time:       2.6         Sampler - UPS - Bus - Other:       19.1 c) C - 18.5 c         FORM-006       1 C	deemed walved unlikes made in writing as puthout limitation, business interruptions, aradinal, rogardiess of whether such claim Received By: Received By: 0.0. Sample Condi Cool Intact 13 10 10 10 10 10 10 10 10 10 10	di received by Cardinal within 30 days elle tons of used or loss of profile incurred by c is based upon any of the above stated re of the above stated re children and the above stated re discrete the above stated re fill the above stated re discrete the above stated re discret	r completion of the dirent, the subsidiaries some or otherwise Phone Ren Fax Result REMARKS Please en	e applicable les, suit: t: i: mail resul	ts and co	io Add'I Fax #:	)etechenv.com.

R.

Released to Imaging: 6/14/2023 2:11:56 PM

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January 05, 2023

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

RE: SAMSONITE 3-4 B2NM FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/30/22 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/30/2022	Sampling Date:	12/30/2022
Reported:	01/05/2023	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: SW 13 (H226127-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2023	ND	2.01	100	2.00	1.09	
Toluene*	<0.050	0.050	01/04/2023	ND	2.09	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	01/04/2023	ND	1.99	99.3	2.00	7.90	
Total Xylenes*	<0.150	0.150	01/04/2023	ND	6.04	101	6.00	10.2	
Total BTEX	<0.300	0.300	01/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/03/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2023	ND	205	103	200	3.65	
DRO >C10-C28*	<10.0	10.0	01/04/2023	ND	196	98.0	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	01/04/2023	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.1	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/30/2022	Sampling Date:	12/30/2022
Reported:	01/05/2023	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: EW 15 (H226127-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2023	ND	2.01	100	2.00	1.09	
Toluene*	<0.050	0.050	01/04/2023	ND	2.09	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	01/04/2023	ND	1.99	99.3	2.00	7.90	
Total Xylenes*	<0.150	0.150	01/04/2023	ND	6.04	101	6.00	10.2	
Total BTEX	<0.300	0.300	01/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/03/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2023	ND	205	103	200	3.65	
DRO >C10-C28*	<10.0	10.0	01/04/2023	ND	196	98.0	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	01/04/2023	ND					
Surrogate: 1-Chlorooctane	82.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.0	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/30/2022	Sampling Date:	12/30/2022
Reported:	01/05/2023	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

# Sample ID: FL 118 @ 4 (H226127-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2023	ND	2.01	100	2.00	1.09	
Toluene*	<0.050	0.050	01/04/2023	ND	2.09	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	01/04/2023	ND	1.99	99.3	2.00	7.90	
Total Xylenes*	<0.150	0.150	01/04/2023	ND	6.04	101	6.00	10.2	
Total BTEX	<0.300	0.300	01/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	01/03/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/04/2023	ND	205	103	200	3.65	
DRO >C10-C28*	<10.0	10.0	01/04/2023	ND	196	98.0	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	01/04/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.2	% 46.3-17	8						

# Cardinal Laboratories

# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Received:	12/30/2022	Sampling Date:	12/30/2022
Reported:	01/05/2023	Sampling Type:	Soil
Project Name:	SAMSONITE 3-4 B2NM FED COM 1H	Sampling Condition:	** (See Notes)
Project Number:	17123	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LOCO HILLS		

## Sample ID: FL 119 @ 4 (H226127-04)

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	01/04/2023	ND	2.01	100	2.00	1.09	
Toluene*	<0.050	0.050	01/04/2023	ND	2.09	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	01/04/2023	ND	1.99	99.3	2.00	7.90	
Total Xylenes*	<0.150	0.150	01/04/2023	ND	6.04	101	6.00	10.2	
Total BTEX	<0.300	0.300	01/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	01/03/2023	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	01/04/2023	ND	205	103	200	3.65	
DRO >C10-C28*	<10.0	10.0	01/04/2023	ND	196	98.0	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	01/04/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.5	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Page 355 of 358

(575) 202 2226 EAV (576) 202 2476

Company Name: Etech Environmental & Safety Solut	BILL TO	1.11	ANALYSIS REQUEST							
Project Manager: Lanc (venshaw	P.O. #:							TT		
Address: 2617 W Marland	Company Mew bourn									
City: Hobbs State: NM	Attn! Jeff Broom									
Phone #: (575) 264-9884 Fax #:	Address: 4801 Bus Park Blr.									
Project #: 17123 Project Owner	City: Hobbs									
Project Name: SamSonite 3- 4 B2M	State: NM Zip:		0	<b>BTEX (8021B)</b>	1					
Project Location: Krral Loco Hi	Phone #:		Chloride	802						
Project Location: Kwal Loco Hi Sampler Name: Domin C Case	rez.	Fax #:		Chic		EX				
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPL	ING		E E					
Lab I.D. Sample I.D. Haauia7 DC 1 SW 13 2 EW 15 3 FL118@4 4 FL119@4	(G)RAB OR (C)OMP # CONTAINERS # CONTAINERS GROUNDWATER WASTEWATER * SOIL		TIME							
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for a analyses. All claims including those for negligence and any other cause whateoever shall be service. In an event what cannot be conserved to an analyse of the service in an event what cannot be conserved to an event what the cannot be conserved to an event what cannot be conserved to an event what cannot be conserved to an event what the cannot be conserved to an event what the client's beam of the conserved to an event what the client's beam of	deemed webed unless mede in willing as without limitation, business interruptions cardinal, regardless of whether such clair Received By: Received By:	nd received by Condinal willian 30 days at , beas of was, or lase of profile locared by n is based upon any of the above stated in the state of the	nr completion of the client, its subsidiarie	spjäcsbie m, suit: :	Yes 🗆	No A	Id'l Phone Id'l Fax #: CoC to pi		env.com.	
	#113- NO N	tion CHECKED BY: (Initials)								

Received by OCD: 2/14/2023 8:39:40 AM

# Appendix E Regulatory Correspondence

From:	Lance Crenshaw			
То:	Enviro, OCD, EMNRD			
Cc:	Ben Arguijo; jbroom@mewbourne.com; Connor Walker			
Subject:	Notice of excavation confirmation samples			
Date:	Friday, December 2, 2022 12:07:19 PM			

This email serves as notice that Etech intends to collect excavation confirmation soil samples on December 6 through December 8 from the following locations/reportable release sites:

Mewbourne Oil Co – Samsonite 3-4 B2NM Fed Com 1H- napp2233359733

If you have any questions or need any additional information, please contact Lance Crenshaw by phone (575-631-2532) or email <u>lance@etechenv.com.</u>

Lance Crenshaw Etech Environmental & Safety Solutions 575-631-2532

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	185813
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2233359733 SAMSONITE SWD LINE, thank you. This closure is approved. 6/14/2023 rhamlet

CONDITIONS

Action 185813

Condition Date