Remediation Summary and Soil Closure Request

Solaris Water Midstream, LLC Lightning SWD

Lea County, New Mexico
Unit Letter A, Section 1, Township 21 South, Range 33 East
Latitude 32.51011 North, Longitude 103.52738 West
NMOCD Reference No. nAPP2234029508

Prepared By:

Etech Environmental & Safety Solutions, Inc.

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Matthew Grieco

Joel W. Lowry



TABLE OF CONTENTS

	Section
PROJECT INFORMATION	1.0
SITE CHARACTERIZATION.	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3.0
REMEDIATION ACTIVITIES SUMMARY	4.0
RESTORATION, RECLAMATION, AND RE-VEGETATION PLAN	5 . 0
SOIL CLOSURE REQUEST	6.0
LIMITATIONS	7 . 0
DISTRIBUTION	8.0

FIGURES

Figure 1 - Topographic Map

Figure 2 - Aerial Proximity Map

Figure 3 - Site and Sample Location Map

TABLES

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

APPENDICES

Appendix A - Depth to Groundwater Information

Appendix B - Field Data

Appendix C - Laboratory Analytical Reports

Appendix D - Photographic Log

Appendix E - Electronic C-141 Supplemental Documentation

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Solaris Water Midstream, LLC, has prepared this *Remediation Summary and Soil Closure Request* for the release site known as the Lightning SWD (henceforth, "Site"). Details of the release are summarized below:

Provided GPS are in WGS84 format. Site Name: Lightning SWD Site Type: SWD Date Release Discovered: 12/5/2022 API # (if applicable): N/A Unit Letter Section Township Range County A I 21S 33E Lea Surface Owner: X State Federal Tribal Private (Name Nature and Volume of Release Crude Oil Volume Released (bbls) Volume Recovered (bbls) X Produced Water Volume Released (bbls) 80 Volume Recovered (bbls) 10 Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L? Condensate Volume Released (bbls) Volume Recovered (bbls) Natural Gas Volume Released (Mcf) Volume Recovered (Mcf) Other (describe) Volume/Weight Released Cause of Release: A buried underground pipe began leaking causing water to come to the surface. Reportedly the pipe was an ole pipe that failed. The line was turned off and the leak has stopped. The failed section is being replaced. The imparea remained on the operating pad and pooled in an area approximatley 40 feet by 20 feet. Initial Response	_atitude:	32.51011	Longitude:	-103.52738								
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Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L? Condensate Volume Released (bbls) Natural Gas Volume Released (Mcf) Other (describe) Volume/Weight Released Cause of Release: A buried underground pipe began leaking causing water to come to the surface. Reportedly the pipe was an old pipe that failed. The line was turned off and the leak has stopped. The failed section is being replaced. The imparea remained on the operating pad and pooled in an area approximatley 40 feet by 20 feet. Initial Response	Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)								
Condensate Volume Released (bbls) Volume Recovered (bbls) Natural Gas Volume Released (Mcf) Volume Recovered (Mcf) Other (describe) Volume/Weight Released Cause of Release: A buried underground pipe began leaking causing water to come to the surface. Reportedly the pipe was an old pipe that failed. The line was turned off and the leak has stopped. The failed section is being replaced. The imparea remained on the operating pad and pooled in an area approximatley 40 feet by 20 feet. Initial Response	X Produced Water Volume Released (bbls) 80 Volume Recovered (bbls) 10											
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	A buried undergroupipe that failed. The	e line was turned off and the	leak has stopped. The fai	led section is being replaced. The impacted								
Y The source of the release has been stopped			Initial Response									
The source of the release has been stopped.	X The source of the	e release has been stopped.										
X The impacted area has been secured to protect human health and the environment.	X The impacted ar	ea has been secured to protect	human health and the env	ironment.								
X Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices	X Release material	s have been contained via the	use of berms or dikes, abs	orbent pad, or other containment devices								

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

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

Additionally, on December 13, 2023, a soil bore/temporary monitoring well (CP 01981 POD1) was drilled on the southern side of the Site production pad. The well was drilled to a depth of 58 feet below ground surface (bgs) and was left open for 72 hours to allow for the inflow and accumulation of groundwater, if any. After this accumulation period the well was gauged and found to have no water. After gauging was completed, the well was plugged and abandoned.

Depth to groundwater information, including a well record of the soil bore, is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	> 5	8 Feet
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?	Yes	X No

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standard for the Site are as follows:

Probable Depth to Groundwater	Constituent	Method	Closure Criteria	Reclamation Standard*
	Chloride	EPA 300.0 or SM4500 Cl B	10,000 mg/kg	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2,500 mg/kg	100 mg/kg
> 58 Feet	DRO + GRO	EPA SW-846 Method 8015M	1,000 mg/kg	-
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg	50 mg/kg
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg	10 mg/kg

^{*} The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas.

4.0 REMEDIATION ACTIVITIES SUMMARY

On January 6, and January 30, 2023, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores were advanced within the release margins in an effort to determine the vertical extent of soil impacts. In addition, hand-augered soil bores were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of soil impacts. During the advancement of the hand-augered soil bores, field soil samples were collected and field-screened for the presence of volatile organic compounds utilizing visual/olfactory senses and concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, 23 delineation soil samples (EH - 1 @ Surf, EH - 1 @ 6", NH - 1 @ Surf, NH - 1 @ 6", SH - 1 @ Surf, SH - 1 @ 6", WH - 1 @ Surf, WH - 1 @ 6", V - 1 @ Surf, V - 1 @ 10", V - 2 @ Surf, V - 2 @ 9", V - 3 @ Surf, V - 3 @ 8", V - 4 @ Surf, V - 4 @ 6", V - 5 @ Surf, V - 5 @ 8", V - 6 @ Surf, V - 6 @ 6", V - 6 @ 1', V - 7 @ Surf, and V - 7 @ 6") were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond one (1) foot bgs, and the horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined.

On June 10, 2023, remediation activities commenced at the Site. In accordance with NMOCD regulations, impacted soil affected above the NMOCD Closure Criteria was excavated and stockpiled on-site, pending transfer to an NMOCD-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria.

On July 11, 2023, Etech collected 72 confirmation soil samples (FL 1 @ 6" through FL 72 @ 6"). The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples.

On July 13, 2023, Etech collected 60 confirmation soil samples (FL 73 @ 6" through FL 111 @ 6", EW 1 through EW 6, NW 1 through NW 6, SW 1 through SW 3, and WW 1 through WW 6). The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples.

A site and sample location map is provided as Figure 3. A soil chemistry table is provided as Table 1. Field data is provided as Appendix B. Laboratory analytical reports are provided as Appendix C. A photographic log of remediation activities is provided as Appendix D.

The final dimensions of the excavated area were approximately 230 feet in length, five (5) to 250 feet in width, and six (6) inches in depth. During the course of remediation activities, approximately 110 cubic yards of impacted soil were transported to an NMOCD-approved surface waste facility for disposal.

5.0 RESTORATION, RECLAMATION, AND RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with approximately 110 cubic yards of 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. As affected areas were limited to the production pad, reseeding will be completed upon reclamation and abandonment of the Site.

6.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Impacted soil affected above the NMOCD Closure Criteria was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate that concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Solaris Water Midstream, LLC, provide copies of this *Remediation Summary and Soil Closure Request* to the appropriate agencies and request closure be granted to the Lightning SWD site.

7.0 LIMITATIONS

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

8.0 DISTRIBUTION

Solaris Water Midstream, LLC 907 Tradewinds Blvd Ste B Midland, TX 79706

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

Hobbs Field Office

New Mexico State Land Office 2827 North Dal Paso Street Suite 117 Hobbs, NM 88240

(Electronic Submission)

Figure 1 Topographic Map

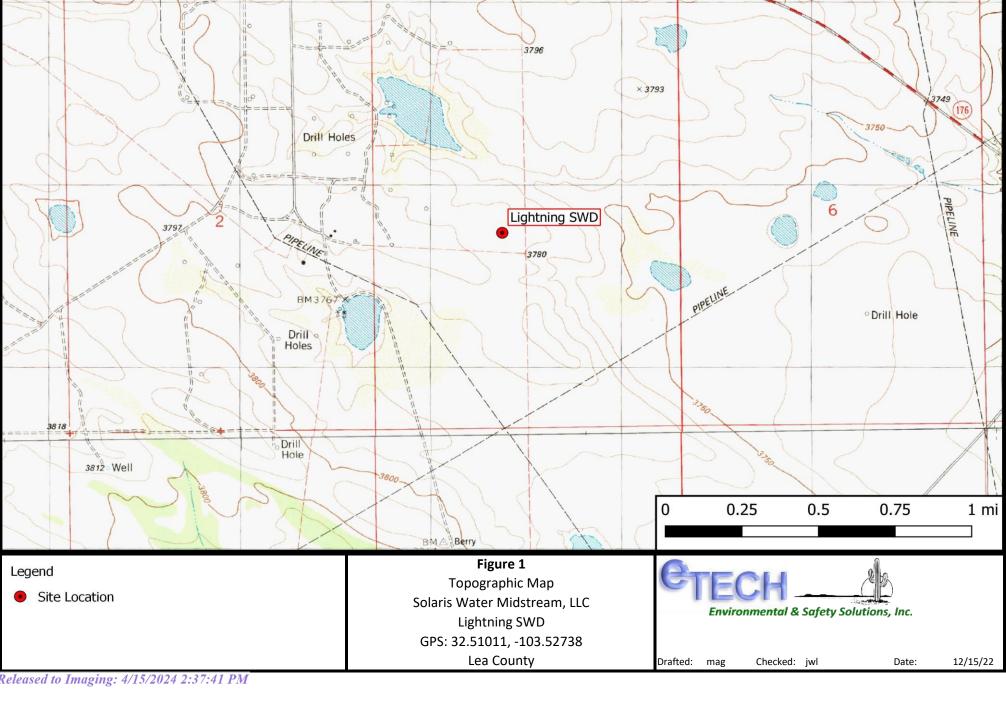


Figure 2 Aerial Proximity Map

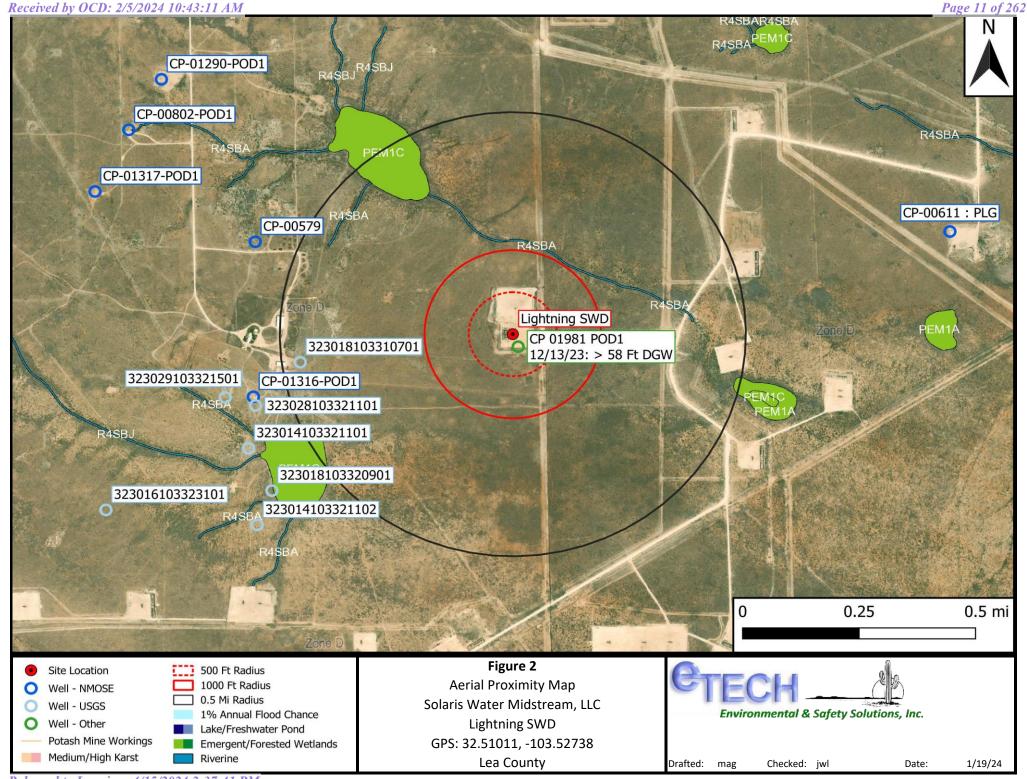
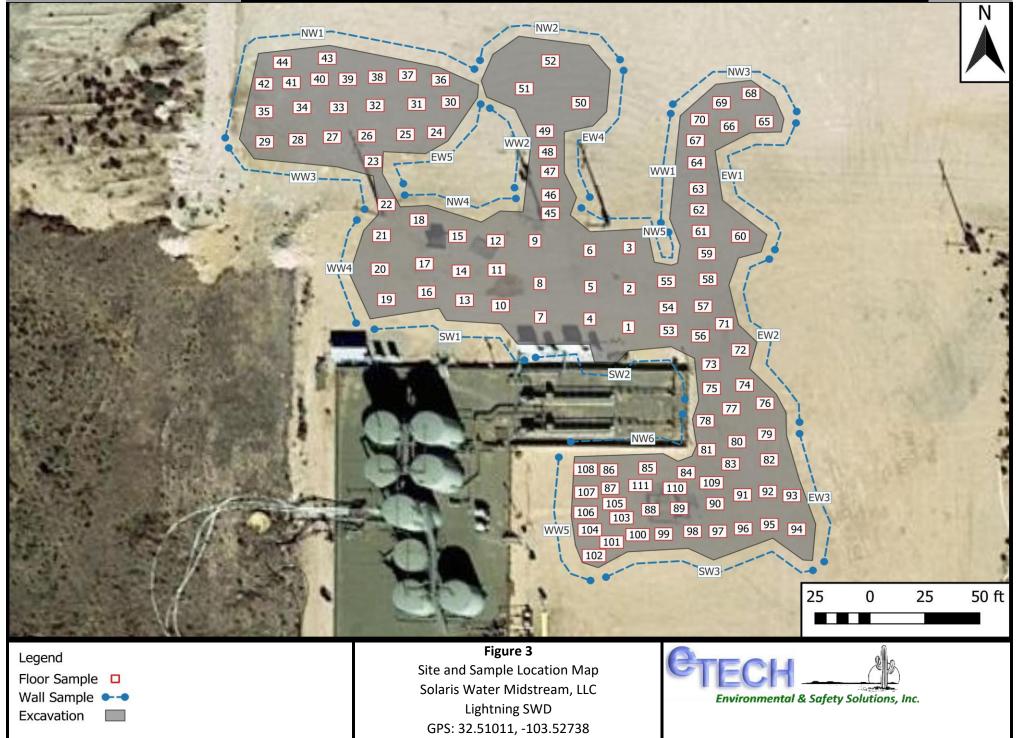


Figure 3 Site and Sample Location Map



Lea County

Drafted: mag

Checked: jwl

Date:

7/28/23

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

											Table 1 Concentrations of BTEX, TPH, and Chloride in Soil													
			Concen			· ·		n Soil																
				Solaris	s Water M	· ·	LLC																	
				ND 50 C I	Lightnin	~	020500																	
N7.50	an a	• •			D Ref. #: n	APP2234	029508		T .		l .													
	CD Closure C			10	50	-	-	1,000	-	2,500	10,000													
NMOCD	Reclamation	Standard	l	10	50	-	-		-	100	600													
		_		SW 840	6 8021B			GRO +			4500 Cl													
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride													
		(=)	200002	(mg/kg)	(mg/kg)	C ₆ -C ₁₀ (mg/kg)	C ₁₀ -C ₂₈ (mg/kg)	C ₆ -C ₂₈	C ₂₈ -C ₃₆ (mg/kg)	C ₆ -C ₃₆ (mg/kg)	(mg/kg)													
					Delineation		(8 8)	(mg/kg)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \														
EH - 1 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0													
EH - 1 @ 6"	1/6/2023	0.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256													
NH - 1 @ Surf	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0													
NH - 1 @ 6"	1/6/2023	0.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0													
SH - 1 @ Surf	1/6/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0													
SH - 1 @ 6"	1/6/2023	0.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128													
WH - 1 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0													
WH - 1 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0													
V - 1 @ Surf	1/6/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,800													
V - 1 @ 10"	1/6/2023	0.83	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600													
V - 2 @ Surf	1/6/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920													
V - 2 @ 9"	1/6/2023	0.75	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560													
V - 3 @ Surf	1/6/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920													
V - 3 @ 8"	1/6/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208													
V - 4 @ Surf	1/6/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880													
V - 4 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432													
V - 5 @ Surf	1/6/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,800													
V - 5 @ 8"	1/6/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	9,000													
V - 6 @ Surf	1/6/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	26,000													
V - 6 @ 6"	1/6/2023	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600													
V - 6 @ 1'	1/30/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	6,000													
	1/6/2023	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600													
V - 7 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800													
	-				Confirmatio				T		T													
FL 1 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320													
FL 2 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320													
FL 3 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256													
FL 4 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320													
	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304													
FL 6 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600													
FL 7 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680													
FL 8 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,730													
FL 9 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,730													
FL 10 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200													
FL 11 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800													
FL 12 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200													
FL 13 @ 6" FL 14 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,200													
FL 14 @ 6" FL 15 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,720													
FL 15 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560													
LT 10 @ 0.	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560													

 $\label{eq:Dash of Constituent} \textbf{Dash (-): Sample not analyzed for that constituent.}$

Bold: NMOCD Closure Criteria exceedance.

Table 1 Concentrations of BTEX, TPH, and Chloride in Soil Solaris Water Midstream, LLC Lightning SWD

				NMOCI	D Ref. #: n	_	029508				
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
NMOCI	Reclamation	Standard		10	50	-	-		-	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 17 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880
FL 18 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,920
FL 19 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,360
FL 20 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	6,880
FL 21 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,160
FL 22 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,320
FL 23 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,520
FL 24 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,360
FL 25 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL 26 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,960
FL 27 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL 28 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL 29 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 30 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 31 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,320
FL 32 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,630
FL 33 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,660
FL 34 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	736
FL 35 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,200
FL 36 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
FL 37 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	2,320
FL 38 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FL 39 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440
FL 40 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,150
FL 41 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	992
FL 42 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	800
FL 43 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	2,000
FL 44 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL 45 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 46 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
FL 47 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	23.1	23.1	960
FL 48 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	16.3	16.3	1,760
FL 49 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,800
FL 50 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,800
FL 51 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
FL 52 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL 53 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL 54 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL 55 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880
FL 56 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
FL 57 @ 6"	7/11/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,400

 $\label{eq:Dash of Constituent} \textbf{Dash (-): Sample not analyzed for that constituent.}$

Bold: NMOCD Closure Criteria exceedance.

Table 1 Concentrations of BTEX, TPH, and Chloride in Soil Solaris Water Midstream, LLC **Lightning SWD**

				NMOCI	D Ref. #: n	APP2234	029508				
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth	Soil	Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	ТРН	Chloride
		(Feet)	Status	(mg/kg)	(mg/kg)	C ₆ -C ₁₀ (mg/kg)	C ₁₀ -C ₂₈ (mg/kg)	C ₆ -C ₂₈	C ₂₈ -C ₃₆ (mg/kg)	C ₆ -C ₃₆ (mg/kg)	(mg/kg)
TT	7/11/2022	0.7	T 01	0.070	0.200			(mg/kg)			1.020
FL 58 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL 59 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
FL 60 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL 61 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,400
FL 62 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
FL 63 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,640
FL 64 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL 65 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
FL 66 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL 67 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
FL 68 @ 6" FL 69 @ 6"	7/11/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,040
FL 70 @ 6"	7/11/2023		In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0 <20.0	<10.0	<30.0	6,640
FL 70 @ 6"	7/11/2023	0.5	In-Situ In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0	<10.0	<30.0	2,000
FL 72 @ 6"	7/11/2023 7/11/2023	0.5	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,680 1,760
FL 73 @ 6"	7/13/2023	0.5	In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,240
FL 73 @ 6"	7/13/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL 74 @ 6"	7/13/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040
FL 76 @ 6"	7/13/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,160
FL 77 @ 6"	7/13/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,100
FL 78 @ 6"	7/13/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,880
FL 79 @ 6"	7/13/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
FL 80 @ 6"	7/13/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,160
FL 81 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,280
FL 82 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040
FL 83 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
FL 84 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL 85 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL 86 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,760
											3,280
											3,000
											2,800
FL 90 @ 6"	7/13/2023										2,760
FL 91 @ 6"				< 0.050							3,000
FL 92 @ 6"		0.5									3,200
											3,080
FL 94 @ 6"		0.5									3,120
FL 95 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,200
FL 96 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300			<20.0	<10.0	<30.0	3,360
FL 97 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,160
FL 98 @ 6"		0.5									3,400
FL 91 @ 6" FL 92 @ 6" FL 93 @ 6" FL 94 @ 6" FL 95 @ 6" FL 96 @ 6" FL 97 @ 6"	7/13/2023 7/13/2023 7/13/2023 7/13/2023 7/13/2023 7/13/2023	0.5 0.5 0.5 0.5 0.5	In-Situ	<0.050 <0.050 <0.050 <0.050 <0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3, 2, 2, 3, 3, 3, 3, 3, 3,

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

Bold: NMOCD Closure Criteria exceedance.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Solaris Water Midstream, LLC
Lightning SWD
NMOCD Ref. #: nAPP2234029508

NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard		10	50	•	-			100	600
				SW 846	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 99 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL 100 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,400
FL 101 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
FL 102 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
FL 103 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL 104 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
FL 105 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,200
FL 106 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL 107 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL 108 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	12.6	12.6	<10.0	12.6	4,640
FL 109 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,600
FL 110 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,000
FL 111 @ 6"	7/13/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,440
EW 1	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
EW 2	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720
EW 3	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
EW 4	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,480
EW 5	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
EW 6	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,360
NW 1	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,080
NW 2	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,520
NW 3	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,480
NW 4	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
NW 5	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
NW 6	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
SW 1	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
SW 2	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,080
SW 3	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120
WW 1	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,200
WW 2	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
WW 3	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,400
WW 4	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,560
WW 5	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,480
WW 6	7/13/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320

Appendix A Depth to Groundwater Information



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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	ring description is supplied to the	Child Cities	o or the market and the commercial											
	OSE POD NO. (•)		WELL TAG ID NO.			OSE FILE NO	(S).					
GENERAL AND WELL LOCATION	CP 01981 P													
AT	WELL OWNER							PHONE (OPT	IONAL)					
707	Solaris Wate										-			
LL.	WELL OWNER		ADDRESS					CITY	ND /	00000	STATE	Ξ	ZIP	
WE	3305 Boyd I	rive						Carlsbad	NM	88220		39		
ND	WELL	Marie Avendane	Di	EGREES	MINUTES	SECON			ALL AND DESIGNATION OF THE PARTY OF THE PART	P. Lot, no Oliverto I in Society and		The state of the s		
LA	LOCATION	LAT	TITUDE	32	30	34.9	02 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND						
ERA	(FROM GPS))	NGITUDE	-103	31	37.88	84" W	* DATUM REQUIRED: WGS 84						
ENI	DESCRIPTION		G WELL LOCATION TO	STREET ADD	RESS AND COMMON	LANDMA	RKS _ PI S	S (SECTION TO	WNSHIID	RANGE) WHI	EDE AV	AILARIE		
1. G	DESCRIPTION	KELATIN	G WEEL LOCATION IN	J STREET ADD	KESS AND COMMON	LANDINI	iidks – I Ls	s (section, re	, , , , , , , , , , , , , , , , , , ,	RANGE) WIII	LICE AV	AILABLL		
	LICENSE NO.		NAME OF LICENSEI	DRILLER					NAME C	F WELL DRI				
	WD 16	80			Jason Maley					Visio	on Reso	ources, Inc		
	DRILLING STA		DRILLING ENDED	DEPTH OF CO	OMPLETED WELL (FT	Γ)		LE DEPTH (FT)	DEPTH	WATER FIRS		OUNTERED (FT)		
12/13/2023 12/13/2023 58 ft 58 dry STATIC WATER LEVEL DATE														
	COMBLETED I	WELL IS:	ADTESIAN *odd	L DBY HO	IE Delatio	W (LINICO)	VIEINED)					DATE STATIC		
N	COMPLETED WELL IS: ARTESIAN *add P DRY HOLE SHALLOW (UNCONFINED) IN COMPLETED WELL 0 Centralizer info below (FT)													
III	DRILLING FLU	JID:	₽ AIR	MUD	ADDITIV	ES – SPEC	IFY:							
2. DRILLING & CASING INFORMATION	DRILLING ME	THOD: 🔽	ROTARY [HAM			CHECK INSTAL	HERE II LED	F PITLESS ADA	PTER IS					
INF	DEPTH (f	eet bgl)	BORE HOLE	CASING	MATERIAL AND	O/OR	CA	SING	CA	SING	CAS	SING WALL	SLOT	
NG.	FROM	TO	DIAM	(include	GRADE each casing string,	and	CONN	NECTION	INSID	E DIAM.		IICKNESS	SIZE	
ASL			(inches)		sections of screen)		(add coupl	YPE ling diameter)	(in	ches)		(inches)	(inches)	
& C	+2	48	6		PVC schl 40	nread		2	8	W 40				
NG	48	58	6		PVC schl 40		tl	hread 2 schi 40 .015						
LLI												E		
DRI														
7.														
	Liver of the second		official or Hillian (Fo. or all Tollese).											
	DEPTH (f	eet bgl)	BORE HOLE	LIST ANN	ULAR SEAL MATER RANGE B			PACK SIZE-	A	MOUNT		МЕТНО	D OF	
AL	FROM	ТО	DIAM. (inches)	*(if using Co	entralizers for Artesia			spacing below	(0	cubic feet)		PLACEN		
3. ANNULAR MATERIAL														
IAT				105	+ apples a	Sma .	اح ما	0.14						
IR I				10	72 hrs	2	7	J						
N	0													
3. A														
FOR	OSE INTERN	IAL USE						WR-2	0 WELL	RECORD &	& LOG	(Version 09/2	2/2022)	

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

LOCATION
Released to Imaging: 4/15/2024 2:37:41 PM

FILE NO.

	DEPTH (feet bgl)			Symbol Consultation (1997) (1997) (1997)						ESTIMATED	
	FROM	то	THICKNESS (feet)	INCLUDE WATE	D TYPE OF MATERIAL E R-BEARING CAVITIES O	R FRAC	CTURE ZONE	_	WAT BEARI	NG?	YIELD FOR WATER-	
	FROM	10	(100)	(attach sup	plemental sheets to fully de	escribe :	all units)	'	(YES /	NO)	BEARING ZONES (gpm)	
	0	18	18		off white Caliche hard				Y	Ś		
	18	58	40	red sar	d with caliche stringers mos	tly fine	sand		Y	(N		
									Y	N		
									Y	N		
									Y	N		
E									Y	N		
WE									Y	N		
4. HYDROGEOLOGIC LOG OF WELL									Y	N		
007									Y	N		
GIC									Y	N		
010									Y	N		
GEC									Y	N		
DRO									Y	N		
HX									Y	N		
4.									Y	N		
									Y	N	b 10	
				Y	N							
				Y	N							
				Y	N							
									Y	N		
	METHOD U	***************************************		OF WATER-BEARING BAILER OT	G STRATA: HER – SPECIFY:			TOTAL F				
		TECT		Mar de 1997 ante que en 1997 a pareira a trabajo.	A COLLECTED DURING	WELL T	resting. Inc	LUDING	DISCH	ARGE N	METHOD.	
SION	WELL TES	T STAR	T TIME, END TI	ME, AND A TABLE SI	IOWING DISCHARGE AN	D DRA	WDOWN OVI	ER THE TE	ESTING	G PERIO	D.	
TEST; RIG SUPERVISION	MISCELLA	NEOUS IN	FORMATION:									
5. TEST	PRINT NAM	ME(S) OF D	RILL RIG SUPER	VISOR(S) THAT PRO	VIDED ONSITE SUPERVI	SION O	F WELL CON	STRUCTIO	ON OT	HER TH	AN LICENSEE:	
SIGNATURE	CORRECT I	RECORD C	F THE ABOVE D	ESCRIBED HOLE AN	EST OF HIS OR HER KNO D THAT HE OR SHE WIL PLETION OF WELL DRILI	L FILE	GE AND BEL THIS WELL F	IEF, THE I	FOREC	GOING I THE STA	S A TRUE AND ATE ENGINEER	
6. SIGN			Lip		Jason Maley		8		12/13/			
		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE	NAME			and an area (25.5)]	DATE	Transaction in the Con-	
FOI	R OSE INTER	NAL USE	V				WR-20 WEI	LL RECOR	D&L	OG (Ver	rsion 09/22/2022)	
	E NO.				POD NO.		TRN NO.					
LO	CATION					WELL	TAG ID NO.				PAGE 2 OF 2	



Water Column/Average Depth to Water

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

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

closed)

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

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

(In feet)

POD

		Q	Q	Q							v	Vater			
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DistanceDep	othWellDep	othWater Co	lumn
CP 00796 POD1		CP	LE	2	2	4	02	21S	33E	637548	3597564* 🌎	863	102		
CP 01316 POD1		CP	LE	3	2	4	02	21S	33E	637432	3597709	924	1370		
<u>CP 00579</u>		CP	LE		2	2	02	21S	33E	637438	3598269*	950	125	100	25

Average Depth to Water:

100 feet

Minimum Depth:

100 feet

Maximum Depth:

100 feet

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 638327.7 **Northing (Y):** 3597935.35 **Radius:** 1000

*UTM location was derived from PLSS - see Help

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

12/15/22 12:37 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec

Q64 Q16 Q4 Sec Tws Rng

X Y

CP 00579 2 2 02 21S 33E

637438 3598269*

Driller License: 208 **Driller Company:** VAN NOY, W.L.

Driller Name: VAN NOY, W.L.

Drill Start Date: 11/21/1979 **Drill Finish Date:** 11/22/1979 **Plug Date:**

Log File Date: 04/02/1980 PCW Rcv Date: Source: Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: 6.00 Depth Well: 125 feet Depth Water: 100 feet

Water Bearing Stratifications: Top Bottom Description
100 102 Sandstone/Gravel/Conglomerate

Casing Perforations: Top Bottom
105 120

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12/15/22 12:37 PM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



Point of Diversion Summary

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

02

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X Y

21S 33E 637548 3597564*

* 🌍

Driller License: 12

122

CP 00796 POD1

Driller Company:

UNKNOWN

73.7

Driller Name:

Drill Start Date:

Drill Finish Date:

12/31/1940

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

6.00 **Depth Well:**

102 feet

Depth Water:

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12/15/22 12:37 PM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



Transaction Summary

DCL Declaration of a Water Right

Transaction Number: 535944 Transaction Desc: CP 00796 **File Date:** 07/21/1993

Primary Status: Declared DCL **Secondary Status: PRC** Processed

Person Assigned:

Applicant: DANIEL C. BERRY

Events

	Date	Type	Description	Comment	Processed By
get imag	07/21/1993	APP	Application Received	*	*****
	07/21/1993	FTN	Finalize non-published Trans.		*****
	12/23/2016	QAT	Quality Assurance Completed	DATA/SQ2	*****
	01/03/2017	QAT	Quality Assurance Completed	IMAGE	*****

Water Right Information

WR File Nbr Acres Consumptive Purpose of Use Diversion

CP 00796 0 3 PLS NON 72-12-1 LIVESTOCK

WATERING

**Point of Diversion

CP 00796 POD1 637548 3597564* 🎒

An () after northing value indicates UTM location was derived from PLSS - see Help

**Place of Use

256 64 16 4 Sec Tws Rng **Diversion Consumptive Use Priority** Status Other Loc Desc Acres 0 PLS 12/31/1940 DCL NO PLACE OF

USE GIVEN

Remarks

"EAST ROCK."

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12/15/22 12:44 PM TRANSACTION SUMMARY



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number

Q64 Q16 Q4 Sec Tws Rng

X Y

CP 01316 POD1 3 2 4 02 21S 33E

637432 3597709

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

Driller Name: GLENN, CLARK A."CORKY"

Drill Start Date: 05/19/2014 **Drill Finish Date:** 05/28/2014 **Plug Date:**

Log File Date: 06/03/2014 **PCW Rcv Date:** Source: Artesian

Pump Type:SUBMERPipe Discharge Size:3Estimated Yield:Casing Size:16.00Depth Well:1370 feetDepth Water:

Water Bearing Stratifications: Top Bottom Description

1016 1046 Sandstone/Gravel/Conglomerate
 1042 1075 Sandstone/Gravel/Conglomerate
 1075 1359 Sandstone/Gravel/Conglomerate

Casing Perforations: Top Bottom

0 1016

Meter Number: 17851 **Meter Make:** SEAMETRICS

Meter Serial Number:05 212 619Meter Multiplier:1.0000Number of Dials:8Meter Type:Diversion

Unit of Measure: Barrels 42 gal. **Return Flow Percent:**

Usage Multiplier: Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	e Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
12/31/2016	5 2016	1156935	A	ap	0
01/31/2017	7 2017	1207665	A	ap	653.876
03/01/2017	7 2017	1216803	A	ap	117.783
04/01/2017	7 2017	1216803	A	ap	0
05/01/2017	7 2017	1216803	A	ap	0
06/01/2017	7 2017	1216803	A	ap	0
06/30/2017	7 2017	1300647	A	ap	1080.693
07/31/2017	7 2017	1344106	A	ap	560.157
10/31/2017	7 2017	1459383	A	ap	1485.843
11/30/2017	7 2017	1501524	A	ap	543.169
12/29/2017	7 2017	1501637	A	ap	1.456
01/31/2018	3 2018	1578631	A	ap	992.401
02/28/2018	8 2018	1620378	A	ap	538.091
03/30/2018	8 2018	1665158	A	ap	577.184
04/30/2018	3 2018	1682369	A	ap	221.838
06/01/2018	8 2018	1744321	A	ap	798.520
06/29/2018	8 2018	1770000	A	ap	330.985
07/31/2018	3 2018	1831128	A	ap	787.899

09/01/2018	2018	1880720	Α	ap	639.208
10/01/2018	2018	1926578	Α	ap	591.079
11/01/2018	2018	1947367	A	ap	267.956
11/30/2018	2018	2014444	Α	ap	864.577
03/01/2019	2019	2090150	Α	ap	975.799
04/01/2019	2019	2090150	A	ap	0
05/01/2019	2019	2090150	A	ap	0
05/31/2019	2019	2090150	A	ap	0
06/30/2019	2019	2090150	Α	ap	0
08/01/2019	2019	2358594	Α	RPT	34.601
09/01/2019	2019	2379915	A	RPT	2.748
09/30/2019	2019	2401510	A	RPT	2.783
10/31/2019	2019	2401510	Α	RPT	0
11/30/2019	2019	2401510	A	RPT	0
12/31/2019	2019	2532399	Α	RPT	16.871
02/01/2020	2020	2551261	A	RPT	2.431
03/01/2020	2020	2551261	A	RPT	0
04/01/2020	2020	2551261	A	RPT	0
05/01/2020	2020	2551261	A	RPT	0
06/01/2020	2020	2551261	A	RPT	0
08/01/2020	2020	2735771	A	RPT	23.782
09/01/2020	2020	2804915	A	RPT	8.912
10/01/2020	2020	2804915	A	RPT	0
10/31/2020	2020	2804915	Α	WEB	0 X
11/30/2020	2020	2804915	A	WEB	0 X
12/14/2020	2020	2804915	Α	RPT	0
12/14/2020	2020	0	A	RPT	0
12/31/2020	2020	0	A	RPT	0
01/31/2021	2021	49102	A	ad	6.329
02/28/2021	2021	49102	Α	ad	0
03/31/2021	2021	49102	A	ad	0
04/30/2021	2021	49102	A	ad	0
05/31/2021	2021	129408	A	ad	10.351
06/30/2021	2021	163410	A	ad	4.383
07/31/2021	2021	189534	A	ad	3.367
08/31/2021	2021	189534	A	ad	0
09/30/2021	2021	189534	A	ad	0
10/31/2021	2021	319188	A	ad	16.712
11/30/2021	2021	330921	Α	ad	1.512
01/03/2022	2022	377824	Α	ad	6.045
01/31/2022	2022	377824	A	ad	0
02/28/2022	2022	0	A	ad	0
03/31/2022	2022	66675	A	ad	8.594
04/30/2022	2022	66675	A	ad	0
06/01/2022	2022	66675	A	ad	0
07/01/2022	2022	166620	A	ad	12.882
08/01/2022	2022	166620	A	ad	0
09/01/2022	2022	280662	A	ad	14.699
10/01/2022	2022	292856	A	ad	1.572

11/01/2022	2022	364908	A	WEB
12/01/2022	2022	364908	A	WEB
**YTD Mete	er Amounts:	Year		Amount
		2016		0
		2017		4442.977
		2018		6609.738
		2019		1032.802
		2020		35.125
		2021		42.654
		2022		53.079

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12/15/22 12:37 PM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	,											
7	OSE POD NI				1/1/ * * *			OSË FILE NU	MBEK(2)		(D)	eri Finale
01.0	CP-1316 (Libby) *** Revised 08/04/16 *** WELL OWNER NAME(S)							PHONE (OPTIONAL)				
CAI				s Water Well Se	rvico Inc			575-398-2				
Š	,				i vice, iric.				424			
GENERAL AND WELL LOCATION	WELL OWN P. O. Box		ING A	ADDRESS				Tatum		STA NM	те 882	ZIP 67
M Q				DEGREES	MINUTES	SECOND	ic .	1				
AN	WELL	1		32	30	29.46		* ACCURACY	REQUIRED: ONE TEN	TH OF	A SECOND	
AL	LOCATIO		LATIT	UDE			. N		QUIRED: WGS 84	11101	A OLCOMO	
ER	(FROM G	PS)	LONG	GITUDE -103	32	13.02	W	DATOM KE	QOIRED. WGS 84			
E E	DESCRIPTIO	N RELATIN	IG WE	LL LOCATION TO STREE	T ADDRESS AND COMMO	DN LANDMARKS - PLS	s (section, t	OWNSHJIP, RANG	E) WHERE AVAILABLE			
-	SW1/4 N	E1/4 SI	E1/4	Sec. 2 T21S R33	BE on Berry Ranc	h Land						
	LICENSE N	JMBER	- 1	NAME OF LICENSED	DRILLER				NAME OF WELL DR	ILLING	G COMPANY	
	WD 421		- (Corky Glenn					Glenn's Water \	Well:	Service, Inc.	
	DRILLING S	TARTED		DRILLING ENDED	DEPTH OF COMPLET	ED WELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIR	ST ENG	COUNTERED (F)	Γ)
	05/19/14		05	5/28/14	1370		1370		1046			
									STATIC WATER LEV	VEL IN	COMPLETED W	ELL (FT)
7	COMPLETE	D WELL I	s: (ARTESIAN	C DRY HOLE C	SHALLOW (UNC	ONFINED)					
ŢOŢ.	222			AIR	€ MUD				L			
(A)	DRILLING F					ADDITIVES - SPE	_					
DRILLING & CASING INFORMATION	DRILLING N	AETHOD:		ROTARY	C HAMMER C	CABLE TOOL	C: OTHE	ER – SPECIFY:				
Ž	DEPTH	(feet bg	l)	BORE HOLE	CASING MATE		Cé	ASING	CASING	CA	SING WALL	SLOT
€G1	FROM	TO)	DIAM	GRA (include each ca		CON	NECTION	INSIDE DIAM,	3	HICKNESS	SIZE
\SI				(inches)	note sections		1	YPE	(inches)	İ	(inches)	(inches)
Z C	0'	40'		20"	16"		None		15 1/2"	.25	50	
G S	0'	1016		14 3/4"	9 5/8"		Thread	& Collar	8.921"	+	lbs.	None
TT	952'	1370		8 3/4"	7" - 418'			& Collar	6.5"	.18		1/8"
RII					351' perforated	<u> </u>				 	* ******	
2. D					on bottom	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	 					1
							 			 		1
										1		1
						· · · · · · · · ·				 		
	DEPTH	(feet hal	`		1 10T 13T	HII AD OF ALLY	ATEDIAL S	NID	ARTOTOTO	<u> </u>		
۔				BORE HOLE DIAM. (inches)		NULAR SEAL MA ACK SIZE-RANG			AMOUNT (cubic feet)		METHO PLACE	
≅	FROM	TO	1			ACK SIZE-KANG	LDIINIL		,			
TE	0'	40'		20"	Cemented		_		2yds.		Top Pour	
MA	0'	1016		14 3/4"	Float and Shoe	Cemented to	Surface		740		Circulated	
4.R												
Ū.												
ANNULAR MATERIAL												
3. A								-				
FOR	OSE INTER	NAL US	SE					WR-2	WELL RECORD	& J.O	G (Version 06/	08/2012)
	NUMBER	(4))_	13112		POD NUMBER		~	NUMBER 6	بحز	211,0	
	ATION -	$\frac{\sqrt{2}}{\sqrt{2}}$		2215 1	2.11.2	I	•		Trol	بر		E 1 OF 2

	DEPTH	(feet bgl)	<u> </u>			ESTIMATED
	FROM	то	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	6	6	Caliche	C Y © N	
i	6	163	157	Sand	C.Y @ N	
	163	195	32	Red clay	C Y © N	
	195	215	20	Blue shale	CY 6 N	
	215	835	620	Red, brown & blue shale	CY 6 N	
Į,	835	1010	175	Red, brown, & blue shale; red rock	C Y © N	
HYDROGEOLOGIC LOG OF WELL	1010	1016	6	Red & brown shale - Some sandrock	© Y C N	
OF.	1016	1046	30	Sandrock & sand	© Y C N	
90	1046	1075	29	Sandrock & shale	● Y C N	
101	1075	1359	284	Santa Rosa Sand	● Y C N	
07	1359	1370	11	Brown shale	C Y © N	
GEO					CYCN	
RO					CYCN	
HYL					C Y C N	
4					$C_{X}C_{N}$	
					$C^{Y}C^{N}$	
İ					$C^{Y}C^{N}$	
					C Y C N	
					$C_A C_N$	
					C Y C N	
					$C^{Y}C^{N}$	
	METHOD	JSED TO ES	STIMATE YIELD	- · · · · · · · · · · · · · · · · · · ·	OTAL ESTIMATED	
	C AIR LIF	т С	bailer C	OTHER - SPECIFY:	VELL YIELD (gpm):	
ž	WELL TES			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLU ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER		
VISI	MISCELLA	NEOUS IN	FORMATION:			
PER	0' to 1,10	6' drilled v	with mud. 1,0	16' to 1,370' drilled with air and foam.		
TEST; RIG SUPERVISION	Went ba	ck in well (08/02/16 - 08/	03/2016: Cleaned out and deepened. Installed 418' of 6 5/8" I	liner.	
EST	PRINT NA	ME(S) OF D	RILL RIG SUPER	RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTR	RUCTION OTHER TH	IAN LICENSEE:
S. T	1					
	<u> </u>	<u> </u>				
. SIGNATURE	CORRECT	RECORD O	F THE ABOVE I	TIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD DAYS AFTER COMPLETION OF WELL DRILLING: O O O O O O O O O O O O O	THE FOREGOING IS ORD WITH THE STA	A TRUE AND TE ENGINEER
.9		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE NAME	DATE	·
FOI	R OSE INTER	NAL USE		WR-20 WELL	RECORD & LOG (Ve	rsion 06/08/2012)

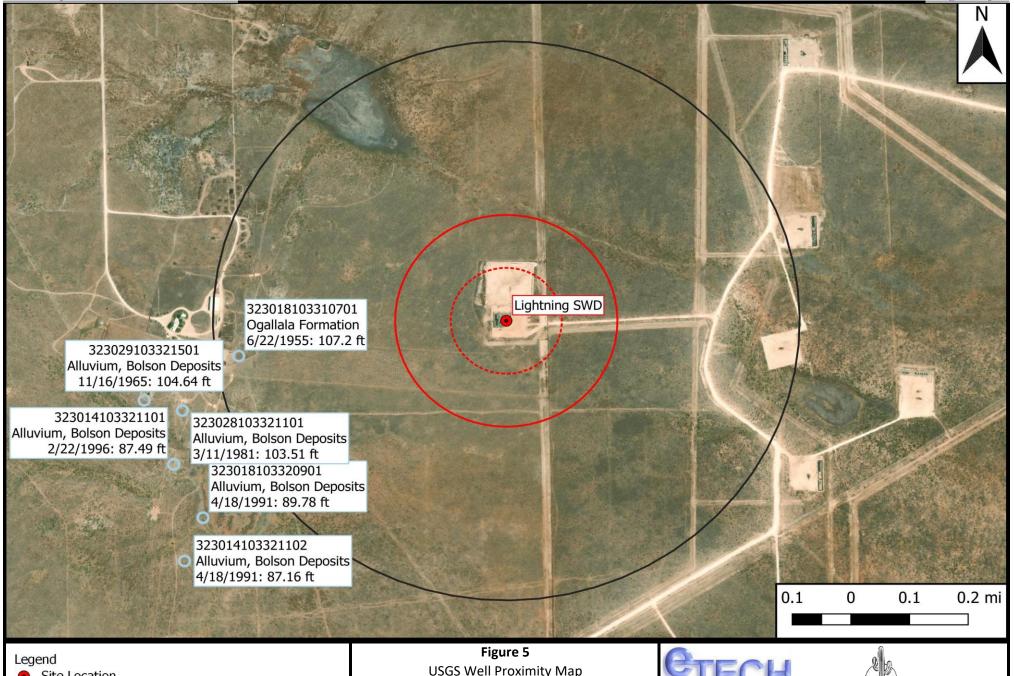
POD NUMBER

TRN NUMBER

PAGE 2 OF 2

FILE NUMBER

LOCATION



Site Location

Well - USGS

500 Ft Radius 1000 Ft Radius

☐ 0.5 Mi Radius

USGS Well Proximity Map Solaris Water Midstream, LLC Lightning SWD GPS: 32.51011, -103.52738

Lea County





Environmental & Safety Solutions, Inc.

Drafted: mag

Checked: jwl

Date:

12/15/22



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:		
obdo Water Resources	Groundwater ~	United States	~	GO

Click for News 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** = • 323014103321101

Minimum number of levels = 1

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USGS 323014103321101 21S.33E.02.42233

Available data for this site Groundwater: Field measurements

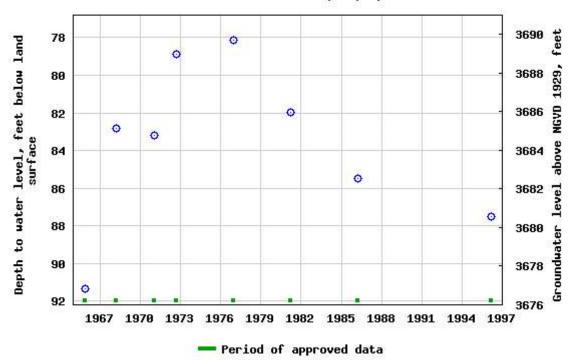
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°30'23", Longitude 103°32'12" NAD27
Land-surface elevation 3,768.00 feet above NGVD29
The depth of the well is 102 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits
(110AVMB) local aquifer.

Output formats

∨ GO

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

USGS 323014103321101 215,33E,02,42233



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Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2022-12-15 14:31:26 EST

0.62 0.53 nadww01





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USGS Water Resources	Data Category:			
obdo water resources	Groundwater <	United States	~]	GO

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Agency code = usgs **site_no list =** • 323014103321102

Minimum number of levels = 1

Lea County New Mexico

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Available data for this site Groundwater: Field measurements

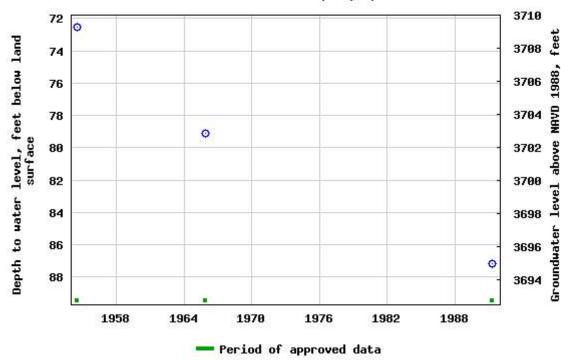
USGS 323014103321102 21S.33E.02.422334

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°30'14", Longitude 103°32'11" NAD27
Land-surface elevation 3,782 feet above NAVD88
The depth of the well is 100 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits
(110AVMB) local aquifer.

Output formats

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Reselect_period

USGS 323014103321102 215,33E,02,422334



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0.67 0.56 nadww01





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oodo water resources	Groundwater ~	United States	✓ GO

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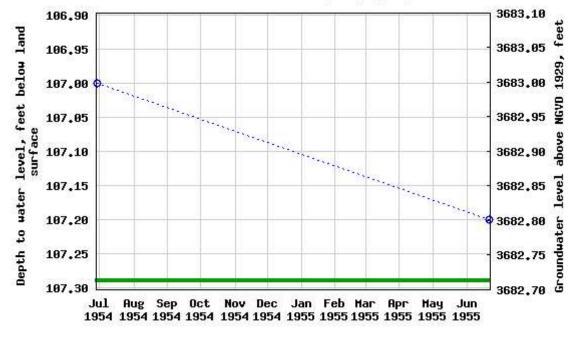
USGS 323018103310701 21S.33E.02.422.01

Available data for this site	Groundwater:	Field measurements	∨ GO
Lea County, New Mexico			
Hydrologic Unit Code 1307	⁷ 0007		
Latitude 32°30'33", Longi	tude 103°32	2'05" NAD27	
Land-surface elevation 3,7	'90 feet abo	ve NGVD29	
The depth of the well is 12	20 feet be <mark>l</mark> ov	v land surface.	
This well is completed in t	he Other aqı	uifers (N9999OTh	HER) national aquife
This well is completed in t	he Ogallala I	Formation (1210)	GLL) local aquifer.

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0.6 0.52 nadww01





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Agency code = usgs **site_no list** = • 323018103320901

Minimum number of levels = 1

Available data for this site

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USGS 323018103320901 21S.33E.02.42214

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°30'18", Longitude 103°32'09" NAD27
Land-surface elevation 3,775 feet above NAVD88
The depth of the well is 150 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

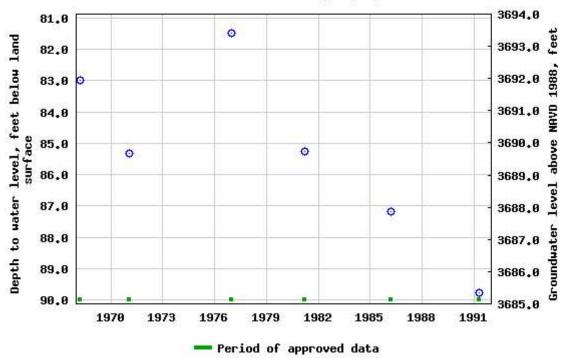
Groundwater: Field measurements

Output formats

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Graph of data
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URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

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0.66 0.54 nadww01





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	Groundwater ∨	United States	~	GO

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Agency code = usgs **site_no list =** • 323028103321101

Minimum number of levels = 1

Lea County, New Mexico

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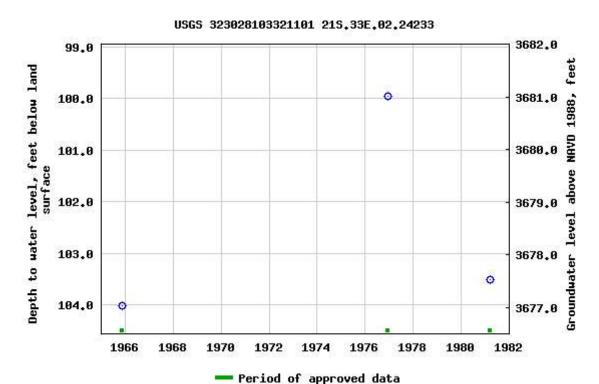
USGS 323028103321101 21S.33E.02.24233

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

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Page Last Modified: 2022-12-15 14:31:29 EST

0.68 0.55 nadww01





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	Groundwater ~	United States	∨ GC)

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Agency code = usgs **site_no list** = • 323029103321501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323029103321501 21S.33E.02.24141

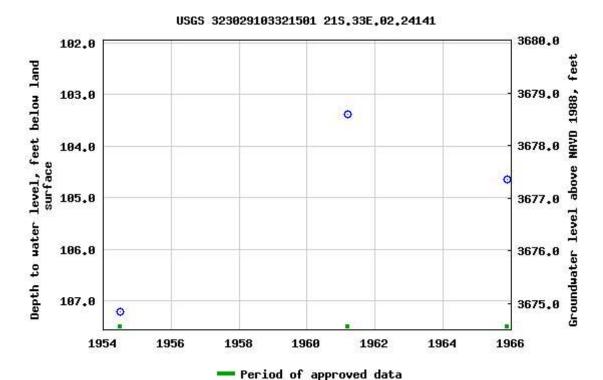
Available data for this site Groundwater: Field measurements

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°30'29", Longitude 103°32'15" NAD27
Land-surface elevation 3,782 feet above NAVD88
The depth of the well is 120 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits
(110AVMB) local aquifer.

Output formats

∨ GO

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



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Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

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0.67 0.61 nadww01



Appendix B Field Data

A	
CHECH	(93)
Environmental	& Safety Solutions, Inc.

Date: 1/5/2022

Project:

Lightning SWD

Project Number: 17267 Latitude: 32.51011 Longitude: -103.52738

Sample ID	, PID/Odor	Chloride Conc.	GPS
V-103	1 Nove		
V-1-8"	1	608 -61468	
V-205			
V-209"		7,020 -	
1-305			
1-308"		500	
1-405			
1-406"		··· LOE	
1-505			
1-508		6.468	
-605		5,14/	
1-606		7624	
1-705		1100	
1-706" W		5,085	
UH-105ml		3/003	
11+-1010" =			
EH- (O Surt			
Elt-106" -		- 368	-
olt-1 Pourt.	-	700	
11-106" -		228	
		200	
14-(06) -		-41	
16-(06"	/	3988	
1-1010	/		
1-71012		7179 4	
V (6) (6)	- V	6168	
1.16 M			
FLIQ6"	-	5.8 4.5.	
E1106"		6.0	
FLSECT		4.6	
1-1-4000		5.6	
Erzora		E.C	
er por		400	
FL706"		6.0	
EL 8069		4.5	
FL906"		4.8	
FLINDI		4-8	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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



					Date.					
Project:	Jalanan Fileer	201			-					
Project Nu	mber:	10074	Latitude:	22 2742FF	Longitude:	102 11000				

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 1		6064	
FZZ		5164	
FL3		5592	
FLY		4744	
FLS		5547	
FL6		5/69	
FL7		2252	
FL8		6064	
F1.9		6064	
FL 10		5592	
ELII		5164	
FL 12		2689-	
F1. 13		60.64	
FLIY	***	4764	
FL 15		5512	
FLIL		Flu	
FL 12		5164	
FLIE		3186	
F1 15		5592	
FL 20		6014	
FL 21		rue.	
FL 22		2689	
FL 23		4764	
FL 24		6064	
FL 25		3180	
FL 26		5592	
FL 27		552	
FL 28	-		
FL 29		4764	
6/30			
K1 31		6064	
(1)		5764	
FL 30 FL 31 FL 32 FL 33		3/80	
F. (1)		1000	
FL 34		2684 6064 5592	
FL 35 FL 36		5570	
1636		3180	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



Date:	
	_

Project:	Jaiaperra Filter Dot	201				
Project Numb	ner.	40274	Latitude:	22.27.1255	· · Longitude:	102 110007

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 37		6064	
FL 37		6064	
FL 39		6064 1532	
F1_40		2252	
Ti ul		5/14	
71.42		5592	
F1 43		1532	
FU 44		5164	
71.45			
F1 46		6069 2689	
E1 47		4769	
FL48		5/64	
FL 49		5592	
FL 50		2252	
FL51		6064	
FLSZ		5552	
F L 53	- '	1532	
FL 54		6064 5552	and the second s
FL 55		5592	
FL 56		6064	
FL 57		1532	
FL 58		5144	
FL 59		2684	
FL 60		2252	
FL 61		2252	
FL 62		4164	
FL 63		6064 5542	
FLby		5592	
FL 65		1532	
FL 6b		5764	
765		7284	<u> </u>
FL 68		6069	
FL 66 FL 68 FL 68		1512	
1 1 72		4764	
FL 71		514	
FL 71 FL 72		5764 7284 6064 1532 4764 5164	<u> </u>

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



				Date:	•		
Project: July	perio Filter Pat 201						
Project Number:	40074	Latitude:	22.2742E5	Longitude:	~	102.410007	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 73		3452	
FL 74		4060	
FL 75		6064	
FL 76		5572	
FL 77		3452	
FL 78		3452	
FL 79		WD 60	
FL 30		5459	
FL 81		6064	
FL 82		5591	
FL 83		3452	
FL 84 -		5797	
FL 85	-	3452	
FL 36		5557	
FL 37		4060	
PL 11		6064	
FL 39		5552	
FL 90 =		3452	1
FL 91		4060	
FL 92		6064	
FL 93		\$532) METER -
FL 94		3452	
FL 95		441	
FL 9L		4010	
FL 97		6069	
FL 98		3452	
FL 99		5552	
FL 100 =		5542	
PL 101		11180	
EC 105		Whiay	
EL W3		นกเอ	
FC 104		5<52	
FL 105		1452	
FL lot		3467	
51 107		5452 6060 5552 3452 3457 5542	
FL (0)		Serve	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GTECH	
Environmental	& Safety Solutions, Inc.

			* *			5466.		
Project:	Julian	THE T	7901		,			
Project Nur	nber:	-	10274	Latitude:	92.371355	Longitude:	103-110007	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 109		6064	
FULIO		3472	
FLIII		8592	
NWI		4060	
NMI		5592	
NW3		6064	
NWY		2592	
NWS		3452	
NWb		3452	
NWb		3457	
EUZ		6550	
EW3		5192-	
ENY		9060	
EWS		4060	
EMP		6064	
SNI		3457	
SWZ		त्रपंडर	
SW3		3597.	
Malal		4040	
WWZ		6064	
WW3		3484	
WWY		5542	
MMS		3450	
MWP		4060	
E			
		•	

Sample	Point =	SP #1	@ ## etc	

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



Remediation Log

Project: Lightning	SWD		
Project Number:	17267	-103.5	52738
		Yes	No
Confirmation of Activ	ve One Call? One Call No		
Confirmation of On-S			
Date:	Notes	Yo	ds
	****Begin Remediation Activities****	Out	In
/ /0 12		*	
6-10-23	Execuste impacted area, stockpile impacted		
6-11-23	11		
6-12-23	11 (1		
6-17-27	paulout impacted soil and stockpile	80	80
	imported clean backfill material		
9-21-33		30	30
125(5)			
-	*		
			-
	•		
1 1-			
			-
		-	
	****Begin Backfill Activities****		
-	****Complete Remediation Activities****		
		Tota	l Yds
		Out	, In
		110	119
		Yes	No
Pictures of Open Exca	avation Prior to Backfill		
Relevant Information	n in Project Tracker?		

Appendix C Laboratory Analytical Reports



January 12, 2023

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND

RE: LIGHTNING SWD

HOBBS, NM 88240

Enclosed are the results of analyses for samples received by the laboratory on 01/10/23 15:10.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/10/2023 Sampling Date: 01/06/2023

Reported: 01/12/2023 Sampling Type: Soil
Project Name: LIGHTNING SWD Sampling Condition: Coo

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Applyand By 1H /

Project Location: LEA COUNTY, NM

Sample ID: NH - 1 @ SURF (H230120-01)

DTEV 0021D

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2023	ND	2.05	102	2.00	0.982	
Toluene*	<0.050	0.050	01/11/2023	ND	2.11	106	2.00	1.89	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.11	106	2.00	1.30	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.51	109	6.00	2.21	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
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	01/11/2023	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	01/11/2023	ND	192	95.9	200	8.39	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	179	89.6	200	9.81	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: NH - 1 @ 6" (H230120-02)

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	01/11/2023	ND	2.05	102	2.00	0.982	
Toluene*	<0.050	0.050	01/11/2023	ND	2.11	106	2.00	1.89	
Ethylbenzene*	< 0.050	0.050	01/11/2023	ND	2.11	106	2.00	1.30	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.51	109	6.00	2.21	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-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	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	62.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.0	% 49.1-14	18						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023 Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: EH - 1 @ SURF (H230120-03)

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	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 5	% 71.5-13	4						
Chloride, SM4500CI-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	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: EH - 1 @ 6" (H230120-04)

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	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	67.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/10/2023 Sampling Date: 01/06/2023 Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: SH - 1 @ SURF (H230120-05)

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	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: SH - 1 @ 6" (H230120-06)

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	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	< 0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/11/2023	ND	400	100	400	7.69	
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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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01/06/2023

Soil

Analytical Results For:

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

Received: 01/10/2023 Sampling Date: Reported: 01/12/2023 Sampling Type:

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: LEA COUNTY, NM

Sample ID: WH - 1 @ SURF (H230120-07)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-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	01/11/2023	ND	400	100	400	7.69	
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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	62.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA COUNTY, NM

Sample ID: WH - 1 @ 6" (H230120-08)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/11/2023	ND	400	100	400	7.69	
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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	65.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 01/10/2023

 Reported:
 01/12/2023

 Sampling Date:
 01/06/2023

 Sampling Type:
 Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA COUNTY, NM

Sample ID: V - 1 @ SURF (H230120-09)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	01/11/2023	ND	432	108	400	3.77	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	60.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023 Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 1 @ 10" (H230120-10)

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	01/11/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/11/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/11/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/11/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 2 @ SURF (H230120-11)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: JH

Received: 01/10/2023 Reported: 01/12/2023

Project Name: LIGHTNING SWD

Project Number: 17267

Project Location: LEA COUNTY, NM

mg/kg

Sampling Date: 01/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V - 2 @ 9" (H230120-12)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	01/11/2023	ND	432	108	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	71.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA COUNTY, NM

Sample ID: V - 3 @ SURF (H230120-13)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	01/11/2023	ND	432	108	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	65.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 3 @ 8" (H230120-14)

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	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/11/2023	ND	432	108	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 01/10/2023

 Reported:
 01/12/2023

 Sampling Date:
 01/06/2023

 Sampling Type:
 Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 4 @ SURF (H230120-15)

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	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	01/11/2023	ND	432	108	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Analytical Results For:

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

01/10/2023

01/12/2023

LIGHTNING SWD

Project Number: 17267

Project Location: LEA COUNTY, NM Sampling Date: 01/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: V - 4 @ 6" (H230120-16)

Received:

Reported:

Project Name:

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	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/10/2023 Sampling Date: 01/06/2023 Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 5 @ SURF (H230120-17)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19800	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023
Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 5 @ 8" (H230120-18)

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	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9000	16.0	01/11/2023	ND	432	108	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/06/2023 Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 6 @ SURF (H230120-19)

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	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	01/11/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	61.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2023 Reported: 01/12/2023

Project Name: LIGHTNING SWD Project Number: 17267

Project Location: LEA COUNTY, NM

Sampling Date: 01/06/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V - 6 @ 6" (H230120-20)

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	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 01/10/2023

 Reported:
 01/12/2023

 Sampling Date:
 01/06/2023

 Sampling Type:
 Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NM

Sample ID: V - 7 @ SURF (H230120-21)

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	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	01/11/2023	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	01/11/2023	ND	174	87.2	200	7.08	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	172	85.9	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	18						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 01/10/2023 Sampling Date: 01/06/2023

Reported: 01/12/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA COUNTY, NM

mg/kg

Sample ID: V - 7 @ 6" (H230120-22)

BTEX 8021B

DILX GOZID	1119/	- Kg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2023	ND	1.94	97.0	2.00	0.593	
Toluene*	<0.050	0.050	01/12/2023	ND	2.16	108	2.00	0.296	
Ethylbenzene*	<0.050	0.050	01/12/2023	ND	2.10	105	2.00	0.830	
Total Xylenes*	<0.150	0.150	01/12/2023	ND	6.46	108	6.00	1.20	
Total BTEX	<0.300	0.300	01/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	01/11/2023	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	01/11/2023	ND	209	104	200	0.804	
DRO >C10-C28*	<10.0	10.0	01/11/2023	ND	205	102	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	01/11/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keine



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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keene

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RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Page 25 of 27

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	(575) 393-2326 FAX (575)	393-2476						2222				vannonnon						1/01/		OUE	O.T.	Page	1 01 0	
Company Name:	Etech Environmental & Safe	ety Solutions	, Inc							ΙL	L TO						ANAL	YSIS	RE	QUE	SI			-
Project Manager	: Joel Lowry						P.	0. #	t:										3					
Address: 2617	7 West Marland						Co	omp	any	Et	ech Enviror	nmental				9								
City: Hobbs	State:	NM Zip	882	240			At	tn:			Joel Lowry	/												
Phone #: (575	6) 264-9884 Fax #:	1					Ad	ddre	ess:	2	617 West N	Marland												
Project #: 172	67 Projec	t Owner:	Sol	aris			Ci	ity:		1	Hobbs				_									
Project Name:							St	ate:	NN	1 2	Zip: 8	8240	e	TPH (8015M)	BTEX (8021B)									
	: Lea County, NM						PI	hone	e #:		575-264-9	9884	Chloride	801	(8)									
Sampler Name:							Fa	ax #:	:				딩	Ĭ	Ä									
FOR LAB USE ONLY					MAT	RIX		PR	ESER	V.	SAMPLIN	NG		=	E									
Lab I.D. H230 <i>12</i> 0	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME			i									
	NH-1 @ Surf	G	1		Х				Х		1/6/23		Х	Х	Х				_		_			
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7	WH-1 @ Surf	G	1		X				Х		1/6/23		Х	X	X	_	_	_	-	-	-	-		-
8	WH-1 @ 6"	G	1		X				Х	_	1/6/23		X	Х	Х	,	_	-	-	+-	+-	-	_	\vdash
9	V-1 @ Surf	G	1		X			1	Х	1	1/6/23		Х	X	X	-	-	-	+-	+-	+-	-		-
10	V-1 @ 10"	G	1		X			_	X		1/6/23	d by the client fo	X	Х	X							_		
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 3

Company Name	(575) 393-2326 FAX : Etech Environmental	NAME AND ADDRESS OF TAXABLE PARTY.		Inc.				18			В		L TO		I B				ANA	YSI	S RE	QUE	ST			
Project Manage		,						F	.0.	#:																
	7 West Marland								om	par	nv	Ete	ech Enviro	nmental	6.5											
City: Hobbs		State: NM	Zip:	882	240				ttn:	•	,		Joel Lown	/			1									
	5) 264-9884	Fax #:						1	ddr	ess	s:	26	317 West N	Marland			i									
Project #: 172		Project Owner:	:	Sol	aris				City:				Hobbs													
Project Name:	2000	,							-		NM	Zi	ip: 8	8240	ø	2M)	21B									
	n: Lea County, NM								hor				575-264-9	9884	Chloride	801	(8021B)									
Sampler Name:								-	ax				ž		S C P	TPH (8015M)	BTEX									
FOR LAB USE ONLY						M/	ATRIX	_	_	_	SER\	/.	SAMPLI	NG		🖺	ET					1				
Lab I.D.	Sample I.I	D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	O LIEN.	DATE	TIME								1				
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13	V-3 @ Surf		G	1)	X				Х	4	1/6/23		Х	Х	Х			_	_	_	_	╀	<u> </u>	-
14	V-3 @ 8"		G	1)	X				Х		1/6/23		Х	Х	Х	_	_	_	╀	+-	+	_	-	-
15	V-4 @ Surf		G	1)	X				Х	L	1/6/23		Х	Х	X	_	_	-	+-	_	+	+-	-	-
160	V-4 @ 6"		G	1		2	X		_		Х	┸	1/6/23		X	X	X	+	+	+	+	+-	+-	+-	-	+
17	V-5 @ Surf		G	1		2	X		_		Х	1	1/6/23		Х	X	X	-	+	+	+	+	+-	+-	-	+
18	V-5 @ 8"		G	1		2	X		_	1	X	1	1/6/23		X	X	X	+	+	+	+	+	+	+	+-	+
19	V-6 @ Surf		G	1			X		_		Х	1	1/6/23		X	X	1X	-	+	+-	+	+	+	+-	+-	-
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RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

City: Hobbs Phone #: (575) 2	Etech Environmenta Joel Lowry Vest Marland	I & Safety Soluti	ions,	Inc.						1	31L	L TO						ΔΝΔΙ	YSIS	RE	QUES	ST			
Address: 2617 V City: Hobbs Phone #: (575) 2	Vest Marland									5355cm	ś ebe						- 1	114712	1						
City: Hobbs Phone #: (575) 2								P.	0. #:	:		1					- 1								
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120000000000000000000000000000000000000		State: NM	Zip:	882	40			At	tn:			Joel Lowr	у											*	
7	264-9884	Fax #:						Ad	ddre	ss:	2	2617 West I	Marland												
Project #: 17267		Project Owner	:	Sol	aris			Ci	ity:			Hobbs				<u> </u>									
Project Name: Lig	ghtning SWD							St	tate:	NI	A 2	Zip: 8	38240	<u>e</u>	TPH (8015M)	BTEX (8021B)									
Project Location:								PI	hone	#:		575-264-	9884	Chloride	801	88									
Sampler Name: Qu								Fa	ax #:					딩	H.	Ĕ									
FOR LAB USE ONLY			1	П		MAT	RIX		PR	ESEF	RV.	SAMPLI	NG		F	E									
Lab I.D. H2301 <i>8</i> 0	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
	-7 @ Surf		G	1		X			1	Х	П	1/6/23		Х	Х	X									
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February 06, 2023

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: LIGHTNING SWD

Enclosed are the results of analyses for samples received by the laboratory on 02/01/23 16:05.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 02/01/2023 Sampling Date: 01/30/2023

Reported: 02/06/2023 Sampling Type: Soil Project Name: LIGHTNING SWD Sampling Condition: Coo

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: V - 6 @ 1' (H230459-01)

BTEX 8021B

BIEX GOEED	9/	119	Anaryzo	a 2 y : 3 : 1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2023	ND	2.11	106	2.00	0.219	
Toluene*	<0.050	0.050	02/03/2023	ND	2.10	105	2.00	0.341	
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	102	2.00	0.939	
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.24	104	6.00	1.00	
Total BTEX	<0.300	0.300	02/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	02/02/2023	ND	416	104	400	3.77	
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	02/02/2023	ND	232	116	200	12.6	
DRO >C10-C28*	<10.0	10.0	02/02/2023	ND	229	114	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	02/02/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kreine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

Received by OCD: 2/5/2024

Page 4 of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Etech Environmental	25.	A	ty	,					1	BIL	L TO					-	ANAL	YSIS	RE	QUES	ST		
Project Manager:	Jack love			,				P.C). #:															
Address: 2617	W. Marland							Co	mpa	any:	5	olovis		2										
City: Hobbs	State: NM	Zip	:	81	240			Att	n:														i	
City: 10665 Phone #: 515-26	64-9884 Fax #:							Add	dres	ss:														
Project #: [75	267 Project Owner	: 5	واد	rit				City	y:															
Project Name: (.	ighty song SWD							Sta	te:			Zip:												
Project Location:	Rural lea Co., Non Might Ramion							Pho	one	#:														
Sampler Name:	Might/Ramion							Fax			_													
FOR LAB USE ONLY	,	٠.			M	ATRI	X		PRE	SEI	RV.	SAME	PLING	3										
Lab I.D. H230459	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloric	TPH	BTEX				a di				
/ V-	601	G	1			X		S.		K		1/30/23	10:00	Y	X	V								
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	nance Cardinal's liability and client's exclusive remedy for an																							

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amiliates of successors arising out of or related to the perform	lance of services hereunder by Ca	ardinal, regardless of whether such claim is based u	port arry of the above stated lea	easons of otherwise.
Relinquished By:	Date:	Received By:	1111)	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	2-1-23	6 //	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	All Results are emailed. Please provide Email address:
VIIIA VEX	Time:	11/1/10/1/ 1/0	10/11/21	
1000	160	Milliana Wall	all al	
Relinquished By:	/Date:	Received By:		REMARKS:
				\mathcal{D}_{l}
	Time:			PM Detechenv. cum
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition
, , , , , , , , , , , , , , , , , , , ,		Cool Intact	(Initials)	Rush Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes	-0	Thermometer ID #113 Yes Yes
	_	1. ← □ No □ No	YE.	Correction Factor -0.6°C No Corrected Temp. °C



July 18, 2023

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LIGHTNING SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/12/23 16:16.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: FL 1 @ 6" (H233582-01)

BTEX 8021B

DILX 6021D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/15/2023	ND	196	97.9	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	204	102	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 2 @ 6" (H233582-02)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
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	07/14/2023	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	07/15/2023	ND	196	97.9	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	204	102	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil
Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact

Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 3 @ 6" (H233582-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/16/2023	ND	196	97.9	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/16/2023	ND	204	102	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	07/16/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

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07/11/2023

Soil

Analytical Results For:

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

Tux

Received: 07/12/2023 Sampling Date:
Reported: 07/18/2023 Sampling Type:

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 4 @ 6" (H233582-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/16/2023	ND	196	97.9	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/16/2023	ND	204	102	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	07/16/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 5 @ 6" (H233582-05)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
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	07/14/2023	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	07/16/2023	ND	196	97.9	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/16/2023	ND	204	102	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	07/16/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/12/2023 Sampling Date: 07/11/2023 Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 6 @ 6" (H233582-06)

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	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	< 0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 7 @ 6" (H233582-07)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: MC

Tux

07/12/2023

Sampling Date: Sampling Type: 07/11/2023

Soil

Reported: Project Name:

Received:

RTFY 8021R

07/18/2023 LIGHTNING SWD

Sampling Condition:

Cool & Intact

Project Number:

17267

Sample Received By:

Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 8 @ 6" (H233582-08)

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 9 @ 6" (H233582-09)

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	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: 17267 Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 10 @ 6" (H233582-10)

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	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	< 0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 %	6 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 11 @ 6" (H233582-11)

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	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 12 @ 6" (H233582-12)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/12/2023

07/18/2023

LIGHTNING SWD

Project Number: 17267

Reported:

Project Name:

Project Location: SOLARIS - LEA COUNTY, NM Sampling Date: 07/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: FL 13 @ 6" (H233582-13)

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	07/15/2023	ND	1.97	98.7	2.00	2.88	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	5.35	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	2.03	102	2.00	6.77	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	6.08	101	6.00	8.14	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 14 @ 6" (H233582-14)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6720	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 15 @ 6" (H233582-15)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

sarrogate. I Chiorocciaaceane 10/70 /7.1 110

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Celey D. Keine



07/11/2023

Soil

Analytical Results For:

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

07/12/2023 Sampling Date: Reported: 07/18/2023 Sampling Type:

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 16 @ 6" (H233582-16)

Received:

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	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 17 @ 6" (H233582-17)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 18 @ 6" (H233582-18)

RTFY 8021R

BIEX 8021B	mg/	кд	Апанухе	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7920	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 19 @ 6" (H233582-19)

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	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	< 0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Tux

07/12/2023 07/18/2023

Project Name: LIGHTNING SWD Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sampling Date: 07/11/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FL 20 @ 6" (H233582-20)

Received:

Reported:

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	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	07/14/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 21 @ 6" (H233582-21)

BTEX 8021B

DILX GOZID	11197	K9	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/14/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 22 @ 6" (H233582-22)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 % 71.5-13		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	07/14/2023	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	07/15/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 23 @ 6" (H233582-23)

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	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7520	16.0	07/14/2023	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	07/15/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 24 @ 6" (H233582-24)

BTEX 8021B

DIEX GOZID	iiig/	, kg	Allulyzo	Analyzed by: 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/15/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 25 @ 6" (H233582-25)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	07/14/2023	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	07/15/2023	ND	166	83.0	200	1.80	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	154	76.8	200	0.853	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 26 @ 6" (H233582-26)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/12/2023 Sampling Date: 07/11/2023
Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 27 @ 6" (H233582-27)

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	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 28 @ 6" (H233582-28)

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	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 29 @ 6" (H233582-29)

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	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-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	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 30 @ 6" (H233582-30)

BTEX 8021B	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 31 @ 6" (H233582-31)

Received:

RTFY 8021R

B1EX 8021B	mg	кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 32 @ 6" (H233582-32)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 33 @ 6" (H233582-33)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	1.99	99.5	2.00	4.50	
Toluene*	<0.050	0.050	07/15/2023	ND	1.92	96.2	2.00	4.70	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.89	94.5	2.00	3.30	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.75	95.9	6.00	2.57	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 34 @ 6" (H233582-34)

BTEX 8021B

DILX GOZID	11197	- Kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	2.07	104	2.00	3.75	QM-07
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 35 @ 6" (H233582-35)

BTEX 8021B	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 36 @ 6" (H233582-36)

BTEX 8021B

DIEX GOZID	11197	- Kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 37 @ 6" (H233582-37)

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	07/15/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 38 @ 6" (H233582-38)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/15/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 39 @ 6" (H233582-39)

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	07/15/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/15/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/15/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/15/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Tux

Received: 07/12/2023 Sampling Date: 07/11/2023
Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 40 @ 6" (H233582-40)

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	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 41 @ 6" (H233582-41)

BTEX 8021B

DILX GOZID	iiig/	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 42 @ 6" (H233582-42)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 43 @ 6" (H233582-43)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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07/11/2023

Analytical Results For:

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

Sampling Date:

Received: 07/12/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 44 @ 6" (H233582-44)

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	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

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

07/12/2023

Reported: 07/18/2023

Project Name: LIGHTNING SWD Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM Sampling Date: 07/11/2023

Sampling Type:

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Soil

Sample ID: FL 45 @ 6" (H233582-45)

Received:

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	07/14/2023	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	07/14/2023	ND	166	83.0	200	1.10	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	163	81.7	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 46 @ 6" (H233582-46)

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	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	23.8	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 47 @ 6" (H233582-47)

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	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	23.1	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 48 @ 6" (H233582-48)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	16.3	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: 17267 Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 49 @ 6" (H233582-49)

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	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 50 @ 6" (H233582-50)

BTEX 8021B

DILX GOZID	11197	- Kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 51 @ 6" (H233582-51)

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	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 52 @ 6" (H233582-52)

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	07/16/2023	ND	2.07	104	2.00	3.75	
Toluene*	<0.050	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 53 @ 6" (H233582-53)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit	Analyzed 07/16/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		07/16/2023						•
<0.050	0.050		ND	2.07	104	2.00	3.75	
	0.050	07/16/2023	ND	2.02	101	2.00	2.84	
<0.050	0.050	07/16/2023	ND	1.95	97.5	2.00	2.24	
<0.150	0.150	07/16/2023	ND	5.86	97.7	6.00	2.12	
<0.300	0.300	07/16/2023	ND					
103	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1920	16.0	07/14/2023	ND	432	108	400	3.64	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/14/2023	ND	168	84.1	200	1.15	
<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
<10.0	10.0	07/14/2023	ND					
91.1	% 48.2-13	4						
104	% 49.1-14	8						
	<0.050 <0.150 <0.300 103 9 Result 1920 mg/ Result <10.0 <10.0 <91.1	<0.050 0.050 <0.150 0.150 <0.300 0.300 103	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 54 @ 6" (H233582-54)

BTEX 8021B

DIEX GOZID	iiig/	ng .	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	07/14/2023	ND	432	108	400	0.00	QM-07
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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 55 @ 6" (H233582-55)

RTFY 8021R

BIEX 8021B	mg/	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 56 @ 6" (H233582-56)

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 57 @ 6" (H233582-57)

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	< 0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 58 @ 6" (H233582-58)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 59 @ 6" (H233582-59)

BTEX 8021B

DILX GOZID	iiig/	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 60 @ 6" (H233582-60)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	07/14/2023	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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 61 @ 6" (H233582-61)

BTEX 8021B

DIEX GOZID	iiig/	ng .	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/14/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

 Received:
 07/12/2023
 Sampling Date:
 07/11/2023

 Reported:
 07/18/2023
 Sampling Type:
 Soil

Reported: 07/18/2023 Sampling Type: Soil
Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact

Project Location: SOLARIS - LEA COUNTY, NM

17267

Sample ID: FL 62 @ 6" (H233582-62)

Project Number:

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/15/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	18						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 63 @ 6" (H233582-63)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	07/14/2023	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	07/15/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 07/12/2023
 Sampling Date:
 07/11/2023

 Reported:
 07/18/2023
 Sampling Type:
 Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 64 @ 6" (H233582-64)

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	07/14/2023	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	07/15/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 65 @ 6" (H233582-65)

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	07/14/2023	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	07/15/2023	ND	168	84.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	165	82.7	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 66 @ 6" (H233582-66)

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	07/14/2023	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	07/14/2023	ND	210	105	200	12.1	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	209	104	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil
Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact

Project Number: 17267 Sample Received By: Tamara Oldaker
Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 67 @ 6" (H233582-67)

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	07/14/2023	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	07/15/2023	ND	210	105	200	12.1	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	209	104	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	'8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 68 @ 6" (H233582-68)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	16.0	07/14/2023	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	07/15/2023	ND	210	105	200	12.1	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	209	104	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

 Received:
 07/12/2023
 Sampling Date:
 07/11/2023

 Reported:
 07/18/2023
 Sampling Type:
 Soil

Reported: 07/18/2023 Sampling Type: Soil
Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact

Project Location: SOLARIS - LEA COUNTY, NM

17267

Sample ID: FL 69 @ 6" (H233582-69)

Project Number:

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	07/14/2023	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	07/15/2023	ND	210	105	200	12.1	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	209	104	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker Project Number: 17267

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 70 @ 6" (H233582-70)

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	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	07/14/2023	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	07/15/2023	ND	210	105	200	12.1	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	209	104	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 71 @ 6" (H233582-71)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	<0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	< 0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	07/14/2023	ND	432	108	400	0.00	
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	07/15/2023	ND	210	105	200	12.1	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	209	104	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/12/2023 Sampling Date: 07/11/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 72 @ 6" (H233582-72)

BTEX 8021B

	9/	·-9	7	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2023	ND	2.10	105	2.00	1.33	
Toluene*	< 0.050	0.050	07/16/2023	ND	2.01	101	2.00	2.62	
Ethylbenzene*	< 0.050	0.050	07/16/2023	ND	1.97	98.3	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/16/2023	ND	5.98	99.6	6.00	0.333	
Total BTEX	<0.300	0.300	07/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/14/2023	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	07/15/2023	ND	210	105	200	12.1	
DRO >C10-C28*	<10.0	10.0	07/15/2023	ND	209	104	200	6.52	
EXT DRO >C28-C36	<10.0	10.0	07/15/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions Inc.		
Project Managor, T 1 1	BILL TO	ANALYSIS REQUEST
Address: P.O. Box 301	P.O. #:	ANALTSIS REQUEST
City I ovington	Company: Solaris	
State: NM Zip: 88260	Attn:	
Phone #: (575) 396-2378	Address:	
Project #: 17267 Project Owner: 50 aris	City:	
Project Name: Lighthing SWD	State: Zip:	S 0
Project Location: Rura Lea CO., NM	Phone #:	(8021B) (8021B)
Sampler Name: Migwel Ramirer	Fax #:	Chloride TPH (8015M) BTEX (8021B)
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listes or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is Date: 1-12-23 Received By:	based upon any of the above stated reasons or otherwise.	
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 2/8

Company Name: Etech Environmental	& Safety Solutions, Inc.	10		-	1					
Project Manager: Joel Louis		P.O. #:)	A			ANALY	SIS REC	UEST	
Address: P.O. Box 301	_		to the lattice	V		1-1	1		1	
City: Lovington	State: NM Zip: 88260	Company:) ar	5							
Dhana # (FTF) con	ax #: (575) 396-1429	Attn:								
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	roject Owner: 50 aris	City:	The state of the state of							
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18 FL R @ 15	CIX	X	9:30		XX		1		+	+
19 FL 19 @ 6"		X	9:35 1		X				+	+
70 FL 700 6"		12	9:407		YX	-			+	+
ASE NOTE: Liability and Damages, Cardinal's liability and client's excluses. All claims including those for negligence and any other cause whose, in no event shall Cardinal be liable for incidental or an account.	usive remedy for any claim arising whether based in contract or	tort, shall be limited to the consultation	9:45	1)	()				+	+
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Page 77 of 82



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	10	
Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	The state of the s
Project Manager: Joel Lowry	P.O. #:	ANALYSIS REQUEST
Address: P.O. Box 301		
City: Lovington State: NM Zip: 88260	Company: Jolaris	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Attn:	
Project #: 17267 Project Owner: 50 aris	Address:	
1 10166.5	City:	
Project Location in The Swith	State: Zip:	Chloride TPH (8015M)
Kura vea Co., Om	Phone #:	Chloride H (8015M)
FOR LAB USE ONLY	Fax #:	X X
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Revision 1.0	erbal changes. Please fax written char	198s to 575-393-2476

Page 78 of 82

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

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO	in the second					A.v.			
Project Manager: Joel Lowry	P.0	O. #:		1			ANA	LYSIS F	REQUEST		
Address: P.O. Box 301											T
City: Lovington State: NM Zip: 88260	Attu)								
Phone #: (575) 396-2378 Fax #: (575) 396-1429		111111111111111111111111111111111111111	A STATE OF THE SECOND								
Project Name: 17267 Project Owner: Solaria		dress:	Little Be 4 hz f	ga -							
Project Name: Lighthing SWD	City	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	10 No. 10 Sept. 1			_					
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RDINAL LABORATORIES

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Sc	lutions, Inc.	PILLTO		A		
roject Manager: Joel Lowry		P.O. #:	4	1	ANALYSIS R	EQUEST
Address: P.O. Box 301						
City: Lovington State: NM	Zip: 88260	Company:) aris				
Phone #: (575) 396-2378 Fax #: (575)		Attn:				
	er. Solaris	Address:				
roject Name: Lighthing SWD	JOIAT)	City:				
		State: Zip:	e le	TPH (8015M)		
ampier Name: Miguel Ramirer		Phone #: IEMBURS	Chloride	801		
FOR LAB USE ONLY	I HATTON	Fax #:	동	IX		
	a. MATRIX	PRESERV. SAMPLING		BTEX		
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Page 80 of 82

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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions Inc.	10		
Project Manager: T. 1 1	BILL TO	NAME OF THE PARTY	
Address: P.O. Box 301	P.O. #:	ANALYSIS REQUEST	
City: Loyington	Company: Solaris		
State: NM Zip: 88260	Attn:		
1 1 (010) 030-1429	Address:		
Project Owner: Solver's	City:		
Synthing SWD	State: Zip:	Q 00	
Lura Lea Co. Nin	Phone #:	Chloride TPH (8015M)	
Sampler Name: MixW Ramiron	Fax #:	08 (88)	
FOR LAB USE ONLY	MATRIX PRESERV. SAMPLING	STEX Ch	
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Page 81 of 82

ARDINAL LABORATORIES

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

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Project Name:	LIGHTAING SWO		-	1					11-		10110			_	<u></u>								
. Toject Location	: Rura Lea Co., N	m						tate:		Zip:	7-3-10 F	de la		TPH (8015M)	(8021B)			1000					
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RDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	A Committee of the Comm			
Project Manager: Joe Lowry	P.O. #:	ANALYSIS REQUEST			
Address: P.O. Box 301 City: Lovington State: NM Zip: 88260	Company: Solaris				
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Attn:				
1 2 (010) 000-1429	Address of the Addres				
Desired Selenis	City:				
Vignating JW/)	State: Zip:	11 (N) (N) (N) (N) (N) (N) (N) (N) (N) (N)			
Sampler Name: Miguel Lumide Co	Phone #:	8021			
FOR LAB USE ONLY	Fax #:	Chloride TPH (8015M) BTEX (8021B)			
MATRI	PRESERV. SAMPLING				
# CONTAINERS GOUNDWATER WASTEWATER SOIL	SLUDGE OTHER: OTHER: OTHER: OTHER:				
77 (1) 70 (6)	¥ 7/11/27 2:00	XXX			
72 FL 72 P L" C 1 X	¥ 4 2:05	x 5 4			
ASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in con yess, All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing to be one seek the first of the control	of or led shall be a second				
		applicable			
ties or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such of times. Date: Received By:	w, loss of use, or loss of profits incurred by client, its subsidiaries im is based upon any of the above stated reasons or otherwise. Phone Result: REMARKS:				
elivered By: (Circle One) mpler - UPS - Bus - Other: - 9,9 & Sample Conc Cool Intac Lives Inte	(Initiale)	ail results to pm@etechenv.com.			
EOPM 000	rbal changes. Please fax written cha	Rigge to E7E 202 0470			



July 19, 2023

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LIGHTNING SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/13/23 16:09.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: FL 73 @ 6" (H233632-01)

BTEX 8021B

DILX 6021D	ilig	/ Ng	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 74 @ 6" (H233632-02)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 75 @ 6" (H233632-03)

RTFY 8021R

IEX 8021B	mg	/ Kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
enzene*	<0.050	0.050	07/17/2023	ND	2.16	108	2.00	3.72	
oluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
:hylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
otal Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
otal BTEX	<0.300	0.300	07/17/2023	ND					
ırrogate: 4-Bromofluorobenzene (P.	ID 105	% 71.5-13	4						
nloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
hloride	3040	16.0	07/17/2023	ND	448	112	400	3.64	
PH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
RO C6-C10*	<10.0	10.0	07/17/2023	ND	207	103	200	0.258	
RO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
KT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
ırrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
ırrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						
Č									

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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 whistoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of 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.

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 76 @ 6" (H233632-04)

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	07/17/2023	ND	2.16	108	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2023	ND	2.12	106	2.00	3.81	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.07	104	2.00	4.07	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.26	104	6.00	4.49	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Analytical Results For:

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

07/13/2023 07/19/2023

Reported: Project Name: LIGHTNING SWD

Project Number: 17267 Project Location: SOLARIS - LEA COUNTY, NM Sampling Date: 07/13/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: FL 77 @ 6" (H233632-05)

Received:

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 78 @ 6" (H233632-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 79 @ 6" (H233632-07)

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 80 @ 6" (H233632-08)

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 81 @ 6" (H233632-09)

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	07/17/2023	ND	448	112	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	07/17/2023	ND	207	103	200	0.258	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	205	103	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 82 @ 6" (H233632-10)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 83 @ 6" (H233632-11)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023
Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 84 @ 6" (H233632-12)

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 85 @ 6" (H233632-13)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/17/2023	ND	464	116	400	3.51	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	92.4 % 48.2-134		4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

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Celeg & Frence



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023 Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 86 @ 6" (H233632-14)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/17/2023	ND	464	116	400	3.51	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	114 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 %	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 87 @ 6" (H233632-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 88 @ 6" (H233632-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 89 @ 6" (H233632-17)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106	% 71.5-13	34						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	18						
surrogate. 1-Chiorooctaaecane	92.3	/0 49.1-14	.0						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 90 @ 6" (H233632-18)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 91 @ 6" (H233632-19)

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: MS

07/13/2023

Sampling Date: Sampling Type: 07/13/2023

Reported: Project Name:

Received:

BTEX 8021B

07/19/2023 LIGHTNING SWD

Sampling Condition:

Cool & Intact

Soil

Project Number:

17267

Sample Received By:

Shalyn Rodriguez

Project Location:

SOLARIS - LEA COUNTY, NM

Sample ID: FL 92 @ 6" (H233632-20)

DILX GOZID	ıııg,	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 93 @ 6" (H233632-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 94 @ 6" (H233632-22)

RTFY 8021R

ult F 050 050 050 050 150	0.050 0.050 0.050 0.050 0.150	Analyzed 07/17/2023 07/17/2023 07/17/2023	Method Blank ND ND	BS 1.98 2.08	% Recovery 99.1 104	True Value QC 2.00 2.00	RPD 1.18	Qualifier
050 050 150	0.050 0.050	07/17/2023	ND					
050 150	0.050			2.08	104	2.00	2 50	
150		07/17/2023	ND			2.00	3.50	
	0.150		ND	2.11	105	2.00	4.72	
300		07/17/2023	ND	6.42	107	6.00	5.58	
	0.300	07/17/2023	ND					
105 %	71.5-134	4						
mg/kg		Analyzed By: AC						
ult F	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
20	16.0	07/17/2023	ND	464	116	400	3.51	
mg/kg	l	Analyze	d By: MS					
ult F	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
0.0	10.0	07/17/2023	ND	199	99.6	200	1.27	
0.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
0.0	10.0	07/17/2023	ND					
115 %	48.2-134	4						
116 %	49.1-148	8						
	mg/kg	mg/kg ult Reporting Limit 0.0 10.0 0.0 10.0 0.0 10.0 115 % 48.2-13-	mg/kg Analyzed ullt Reporting Limit Analyzed 0.0 10.0 07/17/2023 0.0 10.0 07/17/2023 0.0 10.0 07/17/2023 115 % 48.2-134	mg/kg Analyzed By: MS ult Reporting Limit Analyzed Method Blank 0.0 10.0 07/17/2023 ND 0.0 10.0 07/17/2023 ND 0.0 10.0 07/17/2023 ND 115 % 48.2-134	mg/kg Analyzed By: MS ult Reporting Limit Analyzed Method Blank BS 0.0 10.0 07/17/2023 ND 199 0.0 10.0 07/17/2023 ND 194 0.0 10.0 07/17/2023 ND 194 115 % 48.2-134 48.2-134 48.2-134	mg/kg Analyzed By: MS ullt Reporting Limit Analyzed Method Blank BS % Recovery 0.0 10.0 07/17/2023 ND 199 99.6 0.0 10.0 07/17/2023 ND 194 96.8 0.0 10.0 07/17/2023 ND 194 96.8 115 % 48.2-134 48.2-134	mg/kg Analyzed By: MS ullt Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 0.0 10.0 07/17/2023 ND 199 99.6 200 0.0 10.0 07/17/2023 ND 194 96.8 200 0.0 10.0 07/17/2023 ND 194 96.8 200 115 % 48.2-134 48.2-134 48.2-134 48.2-134 48.2-134	mg/kg Analyzed By: MS ult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 0.0 10.0 07/17/2023 ND 199 99.6 200 1.27 0.0 10.0 07/17/2023 ND 194 96.8 200 0.577 0.0 10.0 07/17/2023 ND 194 96.8 200 0.577 115 % 48.2-134 48.2-134 48.2-134 48.2-134

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact

Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 95 @ 6" (H233632-23)

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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07/13/2023

Analytical Results For:

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

Received: 07/13/2023 Sampling Date:

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 96 @ 6" (H233632-24)

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	07/17/2023	ND	1.98	99.1	2.00	1.18	
Toluene*	<0.050	0.050	07/17/2023	ND	2.08	104	2.00	3.50	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	105	2.00	4.72	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.42	107	6.00	5.58	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 97 @ 6" (H233632-25)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	QM-07
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 98 @ 6" (H233632-26)

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	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 99 @ 6" (H233632-27)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 100 @ 6" (H233632-28)

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	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023 Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 101 @ 6" (H233632-29)

RTFY 8021R

BIEX 8021B	mg/	кд	Allalyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	07/17/2023	ND	464	116	400	3.51	
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	07/17/2023	ND	199	99.6	200	1.27	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	194	96.8	200	0.577	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 102 @ 6" (H233632-30)

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	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 :	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/17/2023	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	07/17/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Analytical Results For:

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

07/13/2023 07/19/2023

Reported: Project Name: LIGHTNING SWD

Project Number: 17267

Received:

Project Location: SOLARIS - LEA COUNTY, NM Sampling Date: 07/13/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: FL 103 @ 6" (H233632-31)

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	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	07/17/2023	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	07/17/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: MC

07/13/2023

07/19/2023 LIGHTNING SWD

Project Number: 17267

Received:

Reported:

RTFY 8021R

Project Name:

Project Location: SOLARIS - LEA COUNTY, NM

Sampling Date: 07/13/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: FL 104 @ 6" (H233632-32)

BIEX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/17/2023	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	07/17/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 105 @ 6" (H233632-33)

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	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/17/2023	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	07/17/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 106 @ 6" (H233632-34)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	117 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 107 @ 6" (H233632-35)

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	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	07/17/2023	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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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07/13/2023

Soil

Analytical Results For:

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

Received: 07/13/2023 Sampling Date:
Reported: 07/19/2023 Sampling Type:

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 108 @ 6" (H233632-36)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	12.6	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 109 @ 6" (H233632-37)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4600	16.0	07/17/2023	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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 110 @ 6" (H233632-38)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	< 0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5000	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: FL 111 @ 6" (H233632-39)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: WW 6 (H233632-40)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	< 0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



07/13/2023

Analytical Results For:

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

Received: 07/13/2023 Sampling Date:

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: NW 1 (H233632-41)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	< 0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5080	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: NW 2 (H233632-42)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4520	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil
Project Name: LIGHTNING SWD Sampling Condition: Coo

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: NW 3 (H233632-43)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5480	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	126	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: MC

Project Location: SOLARIS - LEA COUNTY, NM

ma/ka

Sample ID: NW 4 (H233632-44)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	07/17/2023	ND	2.21	110	2.00	2.37	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	4.03	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.49	108	6.00	3.33	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	07/17/2023	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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil LIGHTNING SWD

Project Name: Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: NW 5 (H233632-45)

BTEX 8021B	mg/	'kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/17/2023	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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	107 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: NW 6 (H233632-46)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	07/17/2023	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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: EW 1 (H233632-47)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	07/17/2023	ND	432	108	400	0.00	
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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023
Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: SOLARIS - LEA COUNTY, NM

ma/ka

Sample ID: EW 2 (H233632-48)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	07/17/2023	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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023 Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: EW 3 (H233632-49)

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	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/17/2023	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	07/18/2023	ND	212	106	200	27.6	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	207	103	200	28.1	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	112 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 %	6 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023
Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: EW 4 (H233632-50)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	07/17/2023	ND	400	100	400	3.92	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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023
Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: EW 5 (H233632-51)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/17/2023	ND	400	100	400	3.92	
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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: EW 6 (H233632-52)

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	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/17/2023	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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil
Project Name: LIGHTNING SWD Sampling Condition: Cool

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: SOLARIS - LEA COUNTY, NM

mg/kg

Sample ID: SW 1 (H233632-53)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	07/17/2023	ND	400	100	400	3.92	
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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: SW 2 (H233632-54)

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	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	07/17/2023	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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: SOLARIS - LEA COUNTY, NM

ma/ka

Sample ID: SW 3 (H233632-55)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	07/17/2023	ND	400	100	400	3.92	
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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: SOLARIS - LEA COUNTY, NM

ma/ka

Sample ID: WW 1 (H233632-56)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/17/2023	ND	400	100	400	3.92	
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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: WW 2 (H233632-57)

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	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	07/17/2023	ND	400	100	400	3.92	
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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: WW 3 (H233632-58)

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	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	07/17/2023	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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: 17267 Shalyn Rodriguez

Project Location: SOLARIS - LEA COUNTY, NM

Sample ID: WW 4 (H233632-59)

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	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	< 0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	07/17/2023	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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/13/2023 Sampling Date: 07/13/2023

Reported: 07/19/2023 Sampling Type: Soil

Project Name: LIGHTNING SWD Sampling Condition: Cool & Intact
Project Number: 17267 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: SOLARIS - LEA COUNTY, NM

ma/ka

Sample ID: WW 5 (H233632-60)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2023	ND	2.11	106	2.00	1.52	
Toluene*	<0.050	0.050	07/17/2023	ND	2.06	103	2.00	1.09	
Ethylbenzene*	<0.050	0.050	07/17/2023	ND	2.19	109	2.00	2.32	
Total Xylenes*	<0.150	0.150	07/17/2023	ND	6.55	109	6.00	2.70	
Total BTEX	<0.300	0.300	07/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	07/17/2023	ND	400	100	400	3.92	
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	07/17/2023	ND	188	94.1	200	11.6	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	217	109	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, In	nc .	PUL TO		7			-			
Project Manager: Toel Lowry		BILL TO			-		ANAI	LYSIS F	REQUEST	
Address: P.O. Box 301				1						
City: Lovington State: NM Zip: 88	3260	Company:) ari)							
Phone #: (575) 396-2378 Fax #: (575) 396-1429		Attn:	f the health steeping in							
Project #: 17267 Project Owner: 50		Address:	7 10 10 10 10	* .						
	WLT)	City:	to produce the second		6	m l				
The Artificial Deep		State: Zip:			15N	121		(pd)		
Project Location: Kura Vea Co., NM		Phone #:	Eller Ind	Chloride	(80	8				
Project Location: Rura Lea CO. UM Sampler Name: Miyu Ramira	THE RESERVE AND ADDRESS OF THE PARTY AND ADDRE	Fax#:	- 3K	5	TPH (8015M)	BTEX (8021B				
TOR EMB USE ONE!	MATRIX	PRESERV. SAMPI	The state of the s		-	m				
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O BY	GE GE	BAS :			•					
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6 FL70 @ 6" c!	X	X	8:25	X	XIS					 +
7 FL74@6" C1	X	1	8:30	X	XX	Ž	1 1		111	+
8 FL 80 @ 6" C1	X	X	8:35	Y	X	X	1			1
9 FL 81 @ 6"	X X	N.	7:40	7	4.	4				
10 ET 85 0 P.,	1 4	1 2	8145	N	X,	^				
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service. In no event shall Cardinal be liable for incidental or consequental damages, including without limits affiliates or successors arising out of or plated to the performance of services hereunder by Cardinal, regar Relinquished By: Date: Received.	rdless of whether such claim is	ss of use, or loss of profits incurred by based upon any of the above stated n	asons or otherwise.	1 1						
7-13:03	ved By:	1	Phone Result:		Yes Yes	□ No	Add'l P			
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Relinquished By: Date: Receiv	ved By:									
Time:		116								
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Campion - On G - Dus - Outer.	Yes Yes	XX			Ą	1 /=				
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

			28 2172		P. Committee of the Com			
Company Name: Etech Environmental & Safety Solutions	s, Inc.	BILL TO	1	4		ANALYSIS	REQUEST	
Project Manager: Joel Lowry		P.O. #:	Profession Williams		-			
Address: P.O. Box 301		Company: Solari	1911					
City: Lovington State: NM Zip	: 88260	Attn:						
Phone #: (575) 396-2378 Fax #: (575) 396-1	429	Address:	A STATE OF S					
Project #: 17267 Project Owner: 5	olaris	City:	Son Market Mark					
Project Name: Lighthing SWD	1	State: Zip:	South Russia	SIM SIM	(B)			
Project Location: Rura Lea CO. NM Sampler Name: Miguy Ramirer		Phone #:	Entrant Spirote	TPH (8015M)	BTEX (8021B	The state of		
Sampler Name: Minw Ramirer		Fax #:	Ŧ	FI	X			
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPL	_	14	E			
(C)OMP.	α d		fealus el las	1 1	2341 15	100		
Lab I.D. Sample I.D.	CONTAINERS ROUNDWATER WASTEWATER OIL IL			11				
Lab I.D. Sample I.D.	IND) IND)	3ASI	/therease					
H233632	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	ACID/BASE ICE / COOL OTHER:	TIME		(E. 54) L.G.			
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18 FL 90@ 6" C	1 8	Ŷ	9:35 X	X	X		+++	+
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20 FL 92 @ 6" C	(V	1 1 2	9:45	XX	X	+++	+++	+
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service. In no event shall Cardinal be liable for incidental or consequental damages, including withou affiliates or successors arising out of or related to the performance of services hereunder by Cardinal,	t limitation, business interruptions, lo	oss of use, or loss of profits incurred by o	lient, its subsidiaries,	AICALAC				
	ceived By:	Description of the above stated to	Phone Result:			Add'l Phone #:		
Time:	Madrin	2008	Fax Result: REMARKS:	□ Yes	□ No	Add'i Fax #:		
Relinquished By: Date: Re	ceived By:	Mus						
// /	cerred by.	0		,				
/Ime:	Ê	11	Please email	il results	to pm@ei	techenv.com.		
Delivered By: (Circle One) -7.22 #1110	on CHECKED BY:	Julius Gillan	Tylina	Pilled			1	
Sampler - UPS - Bus - Other: #140	Cool Intact Yes Yes	(Initials)		,				
CODM DOC		V 14	100	1.				
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Joel Lowry	P.O. #:	ANALISIS REQUEST
Address: P.O. Box 301	Company: Solaris	
City: Lovington State: NM Zip: 88260	Attn:	
Phone #: (575) 396-2378	Address:	
Project #: 17267 Project Owner: Solaris	City:	The state of the s
Project Name: Lighthing SWD	1. 34. 11 12. 12. 12. 12. 12. 12. 12. 12. 12.	\$ a
Project Location: Dan Las CO MAN		Chloride TPH (8015M) BTEX (8021B)
KUIW. VER CO., WI	- 110.10	old (8) X
Sampler Name: Minu Ramirel'	Fax #: PRESERV SAMPLING	
<u>a</u>	OTHER: OTHER: ACIDINA ACIDI	CHARLES AND AND AND AND AND AND AND AND AND AND
30 EL 002 @ 6"	10:0	
PLEASE NOTE: Liability and Damages, Cardina's liability and client's exclusive remedy for any claim arising whether based in contra analyses. All claims including those for negligence and any other cause whatsoever shall be deemed welved unless made in witting a service. In no event shall Cardina be liable for incidental or consequental damages, including without limitation, business interruption uffiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such dail Relinquished By: Date: Received By:	ct or tort, shall be limited to the amount paid by the clien and received by Cardinal within 30 days after completion is, loss of use, of loss of profits incurred by client, its subset is based upon any of the above stated reasons or othe Phone I Fax Ret REMAR CHECKED BY: ([Diffa[s])	To the of the applicable dilaries, rivise. Result:
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Received by OCD: 2/5/2024 10:43:11 AM

Released to Imaging: 4/15/2024 2:37:41 PM

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DINAL LABORATORIES
01 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Joel Lowry	P.O. #:	
Address: P.O. Box 301	Company: Solaris	
City: Lovington State: NM Zip: 88260	Attn:	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address:	
Project #: 17267 Project Owner: 50 writ	City:	
Project Name: Lighthing SWD	State: Zip:	SIM)
Project Location: Pura Lea CO. NM Sampler Name: Migw Ramirel FOR LABRUSE ONLY MATRIX	Phone #:	Chloride TPH (8015M) BTEX (8021B
Sampler Name: Minwy Ramirer	Fax#:	# X X
	PRESERV. SAMPLING	
CG)RAB OR (C)OMP. # CONTAINERS # CONTAINERS RECUIDINATER SOIL OIL SLUDGE	ACIDIBASE: ICE / COOL OTHER: OTHER:	
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38 FL 110@ 10" CII X	X 11:26	VXX
39 FL 111 @ 6" C 1 X	1 11:25	772
40 Executes WWW CILLY	11:30	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing are service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim	nd received by Cardinal within 30 days after completion of the loss of use, or loss of profits incurred by client, its subsidiar	e applicable ies,
Relinquished By: Date: 326 Received By:	Phone Re	
Relinquished By:	REMARKS	
Time:		
Delivered By: (Circle One) Sample Condition Cool Intact	tion CHECKED BY:	mail results to pm@etechenv.com.
Sampler - UPS - Bus - Other: #140 Cool Intact Yes (Initials)		
FORM 000		

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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 5/6

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO **ANALYSIS REQUEST** Etech Environmental & Safety Solutions, Inc. Company Name: P.O. #: Project Manager: Address: P.O. Box 301 Company: Zip: 88260 State: NM Lovington Attn: Fax #: (575) 396-1429 (575) 396-2378 Phone #: Address: Project Owner: Project #: City: BTEX (8021B) TPH (8015M) Project Name: State: Zip: Chloride NM Project Location: $\sqrt{}$ Phone #: Fax #: Sampler Name: PRESERV. SAMPLING MATRIX FOR LAB USE ONLY G)RAB OR (C)OMP SROUNDWATER VASTEWATER Sample I.D. CID/BASE ICE / COOL Lab I.D. SLUDGE DATE TIME NWI 11140 NWZ nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable ervice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries □ No Add'l Phone #: Phone Result: Received By: Relinquished By: □ No Add'l Fax #: Fax Result: ☐ Yes REMARKS: Time: Relinquished By: ∕fime: Please email results to pm@etechenv.com. CHECKED BY: Sample Condition Delivered By: (Circle One) Cool Intact (Initials) Yes Yes No No Sampler - UPS - Bus - Other:

FORM-006 Revision 1.0

Received by OCD: 2/5/2024 10:43:11 AM

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



ARDINAL LABORATORIES

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

company Name: Etech Environmental & Safety S	olutio	ns, li	nc.			-		-	-	E	200	LTO				_										
Project Manager: JOH (6W/ry			P.0.	#-	THE OWNER WHEN	11	L / L		_	ANALYSIS REQUEST																
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ampler Name: [A c a)							F	hoi	ne #	# :			4 \$0.	Chloride	TPH (8015M)		BIEX (8021B)									
OR LAB USE ONLY	_	_	_				F	ax i	#:					1 %	H	13	×		- 1					-		
,	0.			h	AATI	XIX	-	P	RES	ERV	4	SAMPL	ING	1	TP	1	0		1			-				
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Lab I.D. Sample I.D.	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER				1.			1					-			¥				1			
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233632	A.	OO	300	AST	님	SITTOGE	BAHTO	ACID/BASE:	0	OTHER																
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53 SWI	C	H	-	1		-	-	1	X			1	12:30	1	X	X			+			+	+	+	+	+
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55 Sw3	C)		-		-	-	-	1×			1	12:40	X	X	X	7		+			1	+	+	+-	+
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SS WWZ	-)	-	-	N	11	1		X				1:00	2	1	X			\top				+-	+	+	+
58 WW3	0	-	+	1	_	1	1	,	1		301	-	2:05	X	X	X							+	+	+-	+
59 1NW4	C	1	+	-		-	100		X	-			1:10	1/1	X	X				1			+	1	1	+
60 WWS	6	1	+	4	6	-			X		+	1	1:15	X	X	X			1	1			+	+	-	+
SE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for es. All claims including those for negligence and any other cause whatsoever shall be in no event shall Cardinal be liable for incidentation.	any claim	arising	wheth	er base	d in co	intract	or for	shall	he lim	oifad to	the	V	1:20	(1	X	χ			1				1	+	+	+
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nquished By: // Date:	Cardinal,	egardie	ess of	whether	such	ctaim	s bas	ed upo	n any	of the	above :	stated reas	ent, its subsidiarie ions or otherwise.	S,												
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livered By: (Circle One) -7.22	7	T	Sai	npie	Con	ditio	n	0	HE	CKE	n Rv	F	lease em	ail res	ults	to pr	m@e	echen	IV.C	om.						
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FORM-006	1		1	No	H	No		-	1	V																

Appendix D Photographic Log

Photo Number:

1

Photo Direction:

West

Photo Description:



View of initial release.

Photo Number: Photo Direction:

North **Photo Description:**

View of initial release.



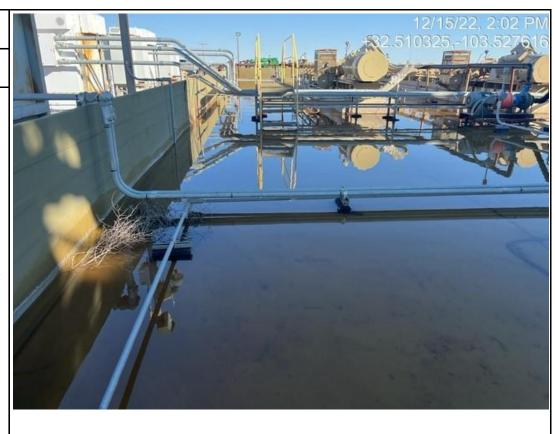
Photo Number:

3

Photo Direction:

West

Photo Description:



View of initial release.

Photo Number:

4

Photo Direction:

Northwest

Photo Description:



View of initial release.

Photo Number:

5

Photo Direction:

West

Photo Description:



Photo Number:

Photo Direction:

Northwest

Photo Description:

View of excavated area.

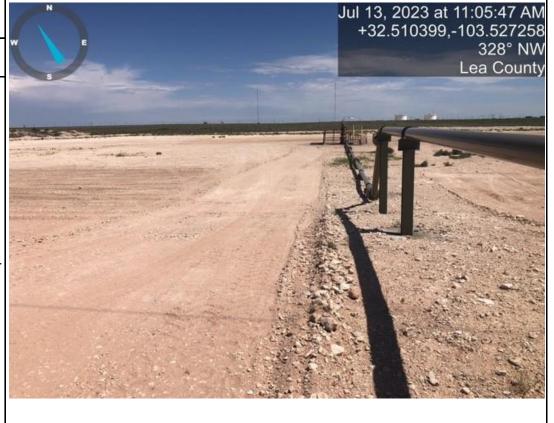


Photo Number:

7

Photo Direction:

West

Photo Description:



View of excavated area.

Photo Number: 8 Photo Direction: Northwest

Photo Description:

View of excavated area.

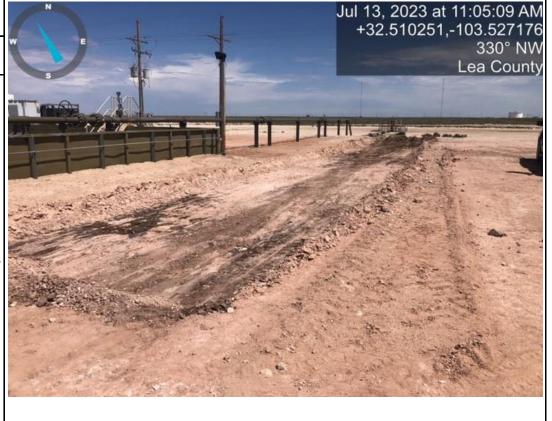


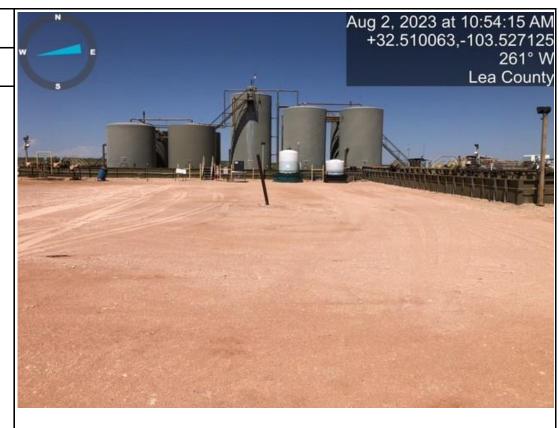
Photo Number:

9

Photo Direction:

West

Photo Description:



View of area after backfill and grading.

Photo Number:

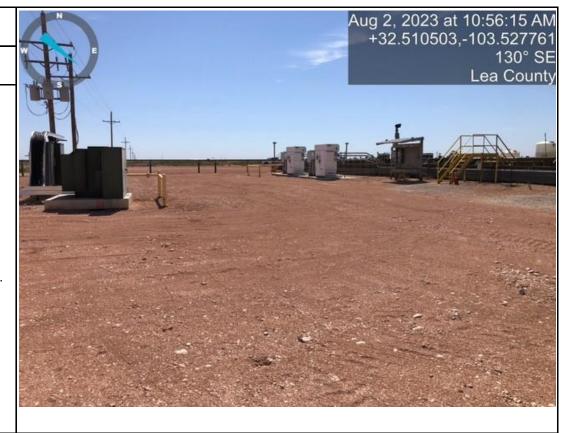
10

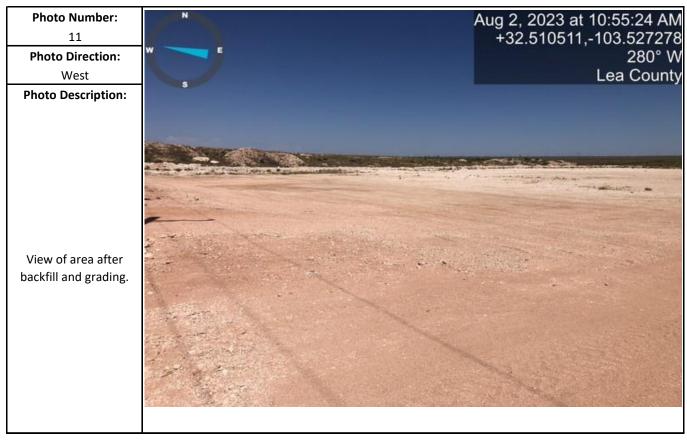
Photo Direction:

Southeast

Photo Description:

View of area after backfill and grading.

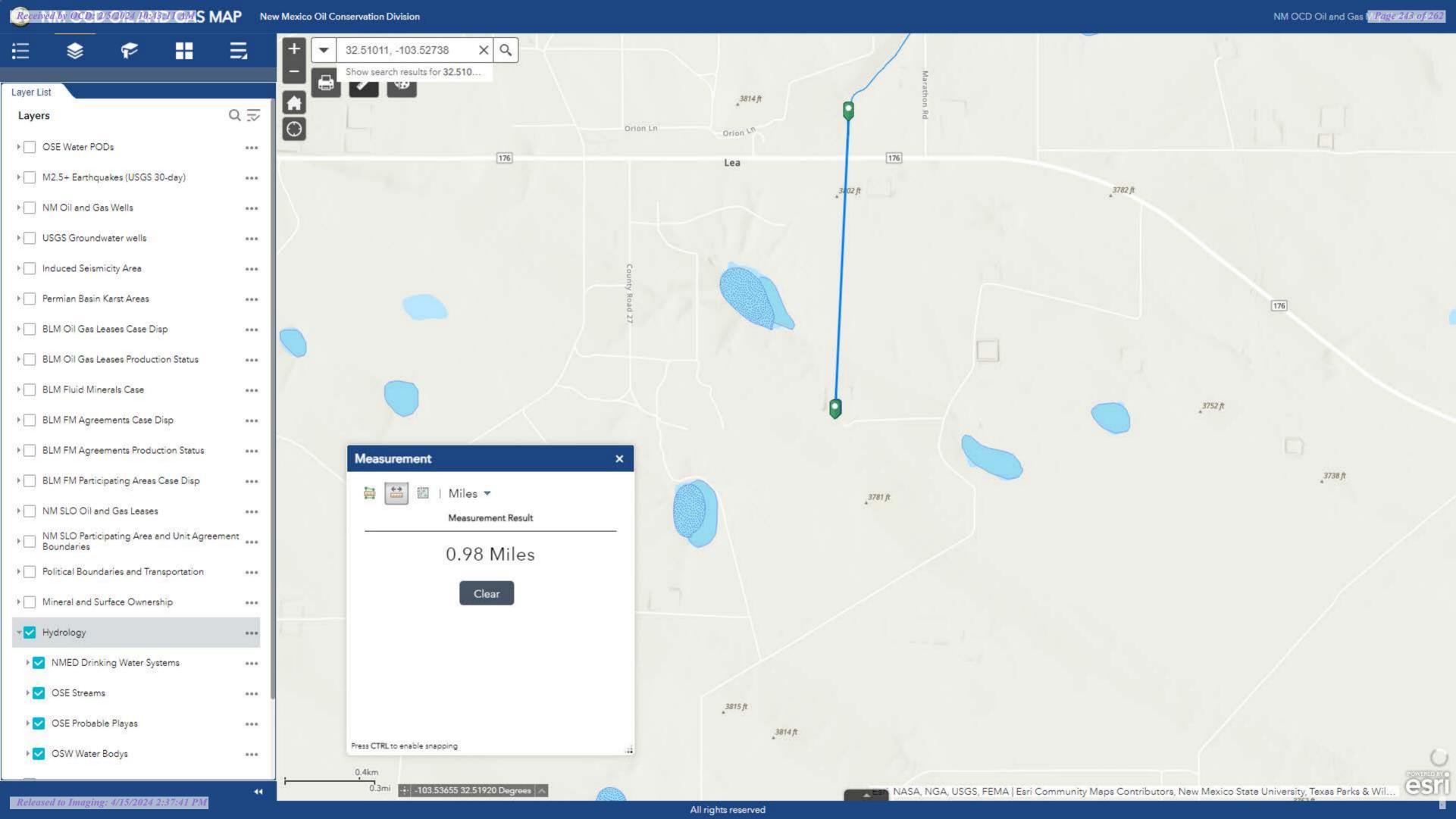


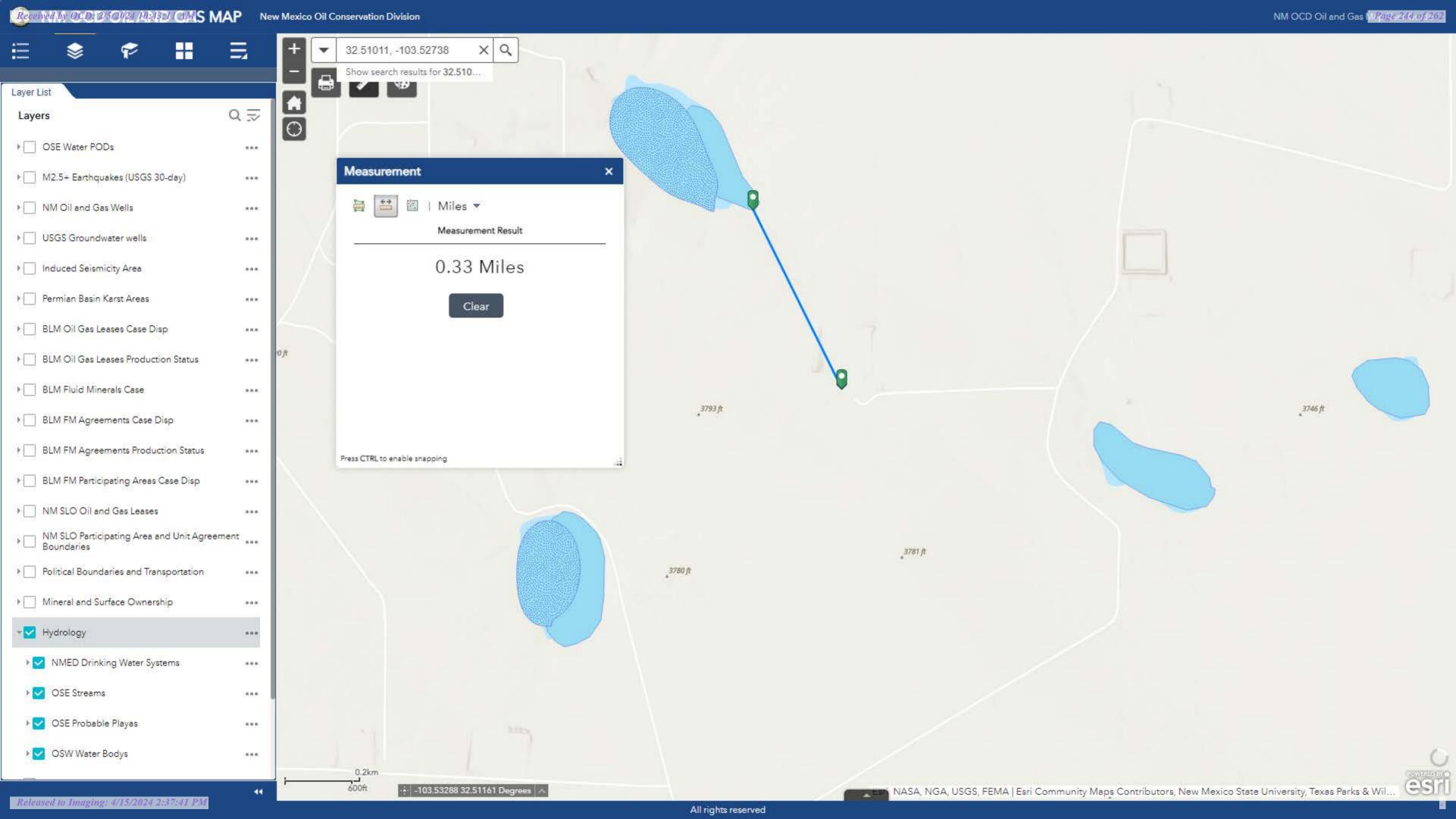


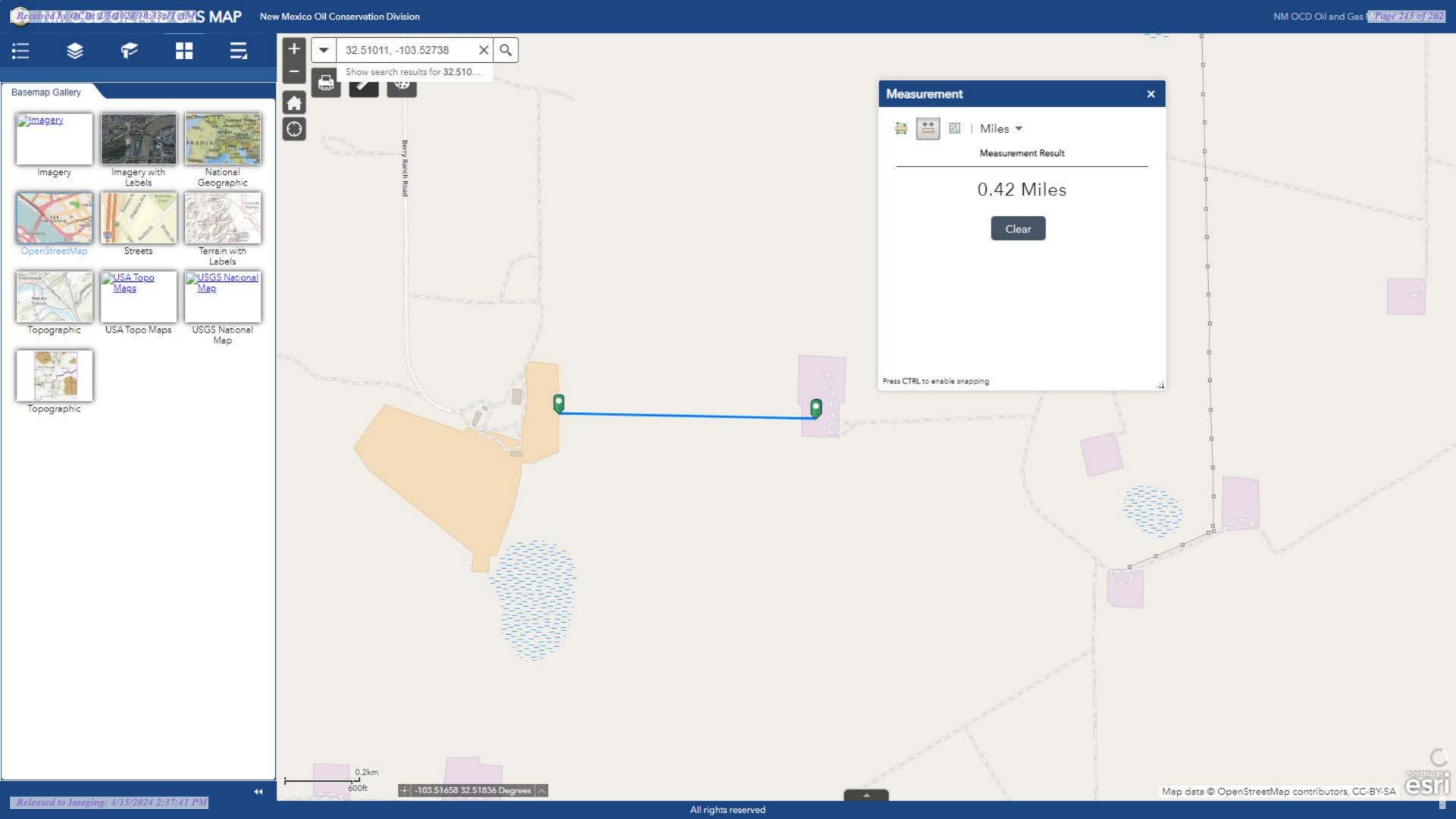


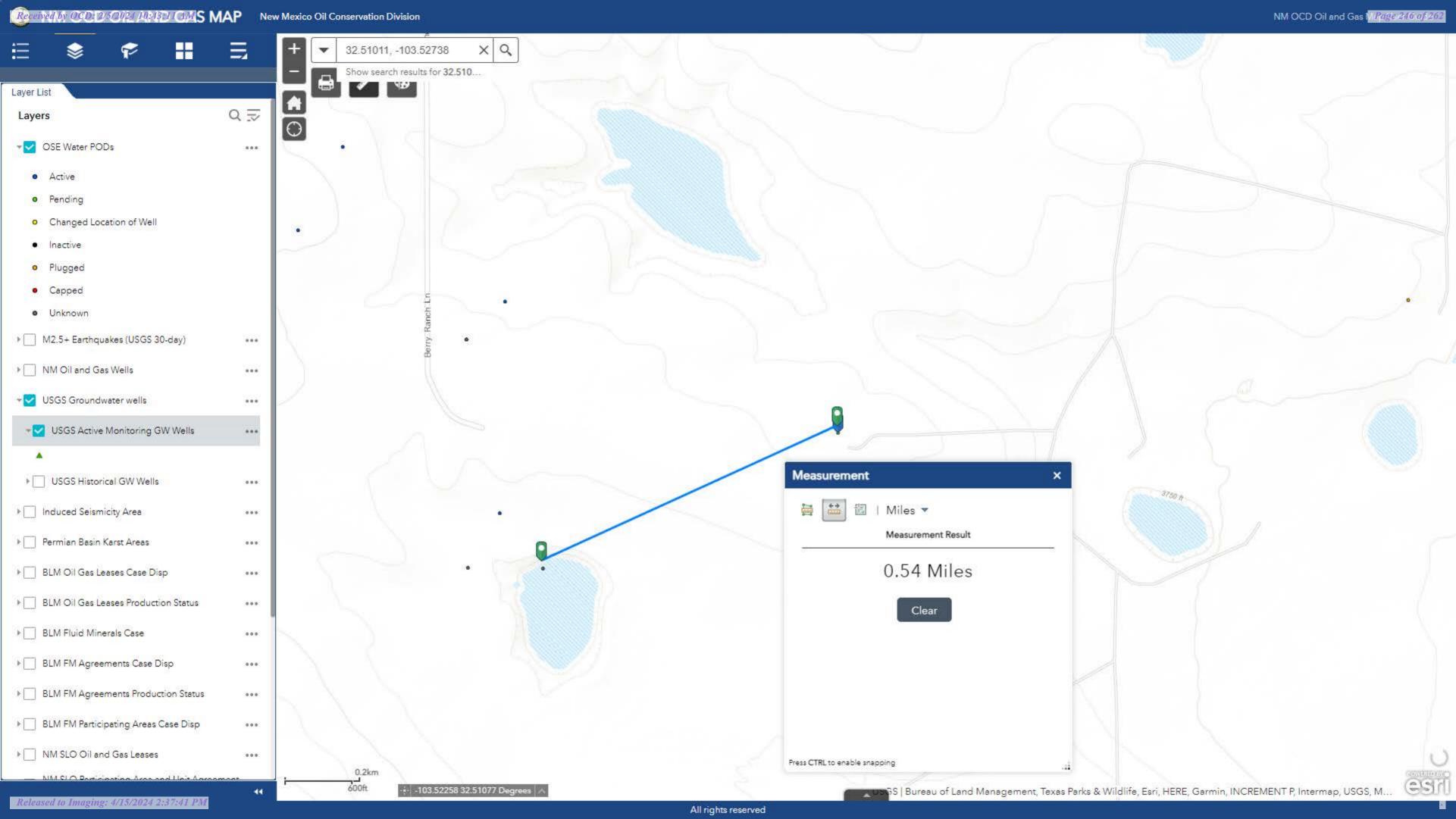
Appendix E Electronic C-141 Supplemental Documentation

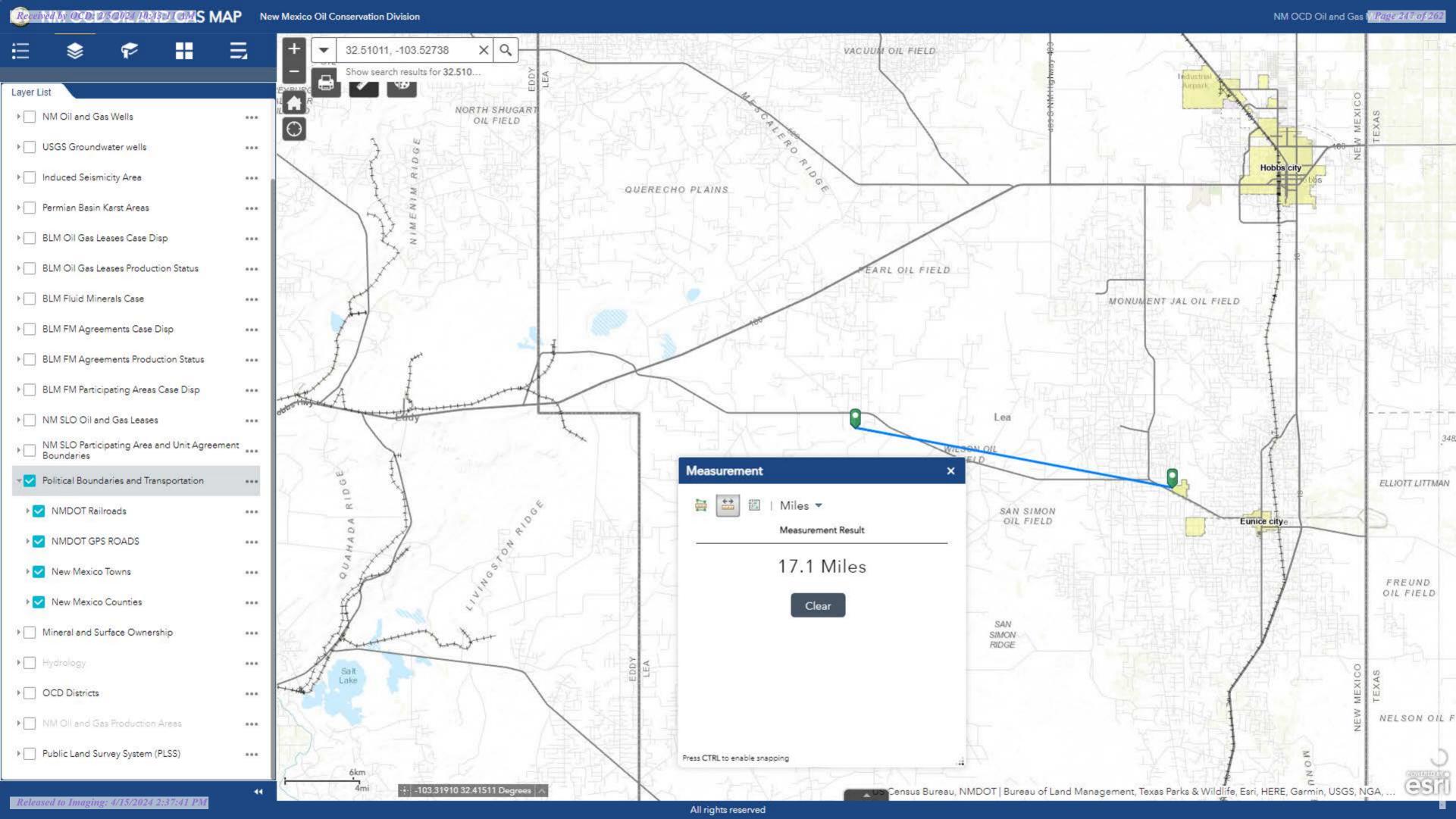
- 1 Distance to Nearest Watercourse
- 2 Distance to Nearest Lakebed, Sinkhole, or Playa Lake
- 3 Distance to Nearest Residence, School, Hospital, Institution, or Church
- 4 Distance to Nearest Freshwater Well or Spring
- 5 Distance to Nearest Incorporated Municipal Boundary
- 6 Distance to Nearest Wetland
- 7 Distance to Nearest Subsurface Mine
- 8 Local Karst Potential
- 9 Distance to Nearest 100-Year Floodplain
- 10 Delineation Sample Map
- 11 Concentrations of BTEX, TPH, and Chloride in Soil
- 12 Future Reclamation Map









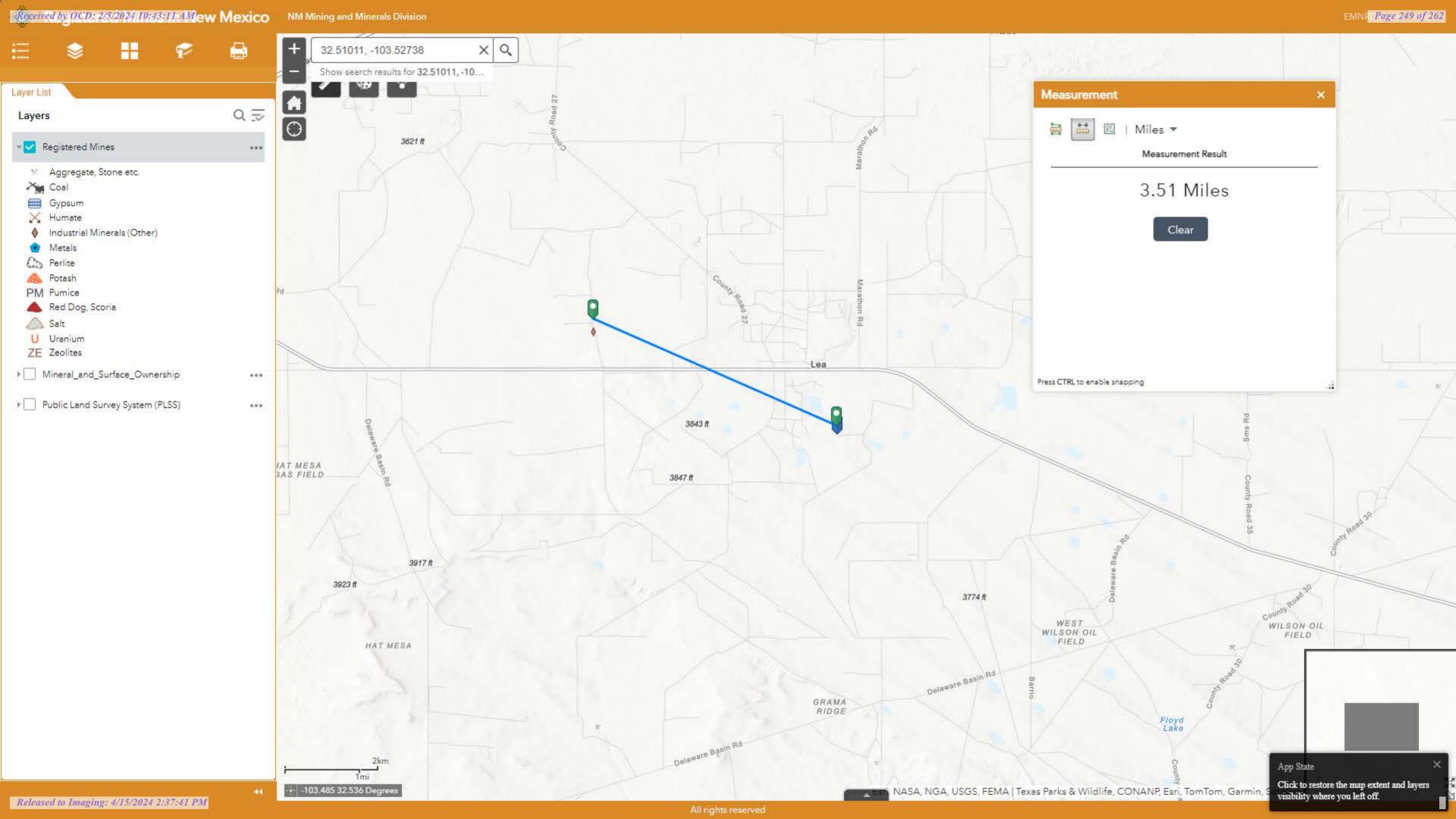


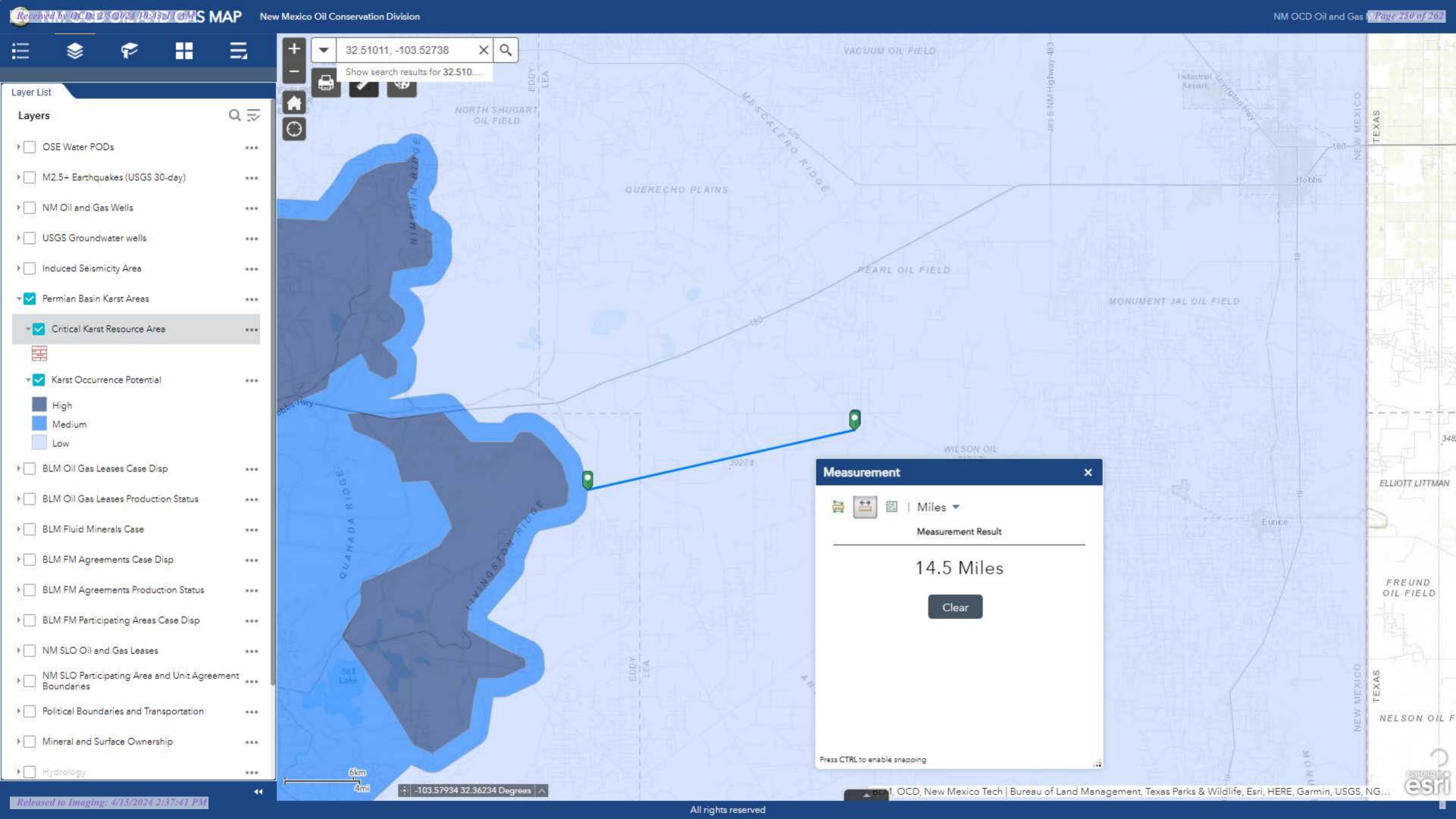


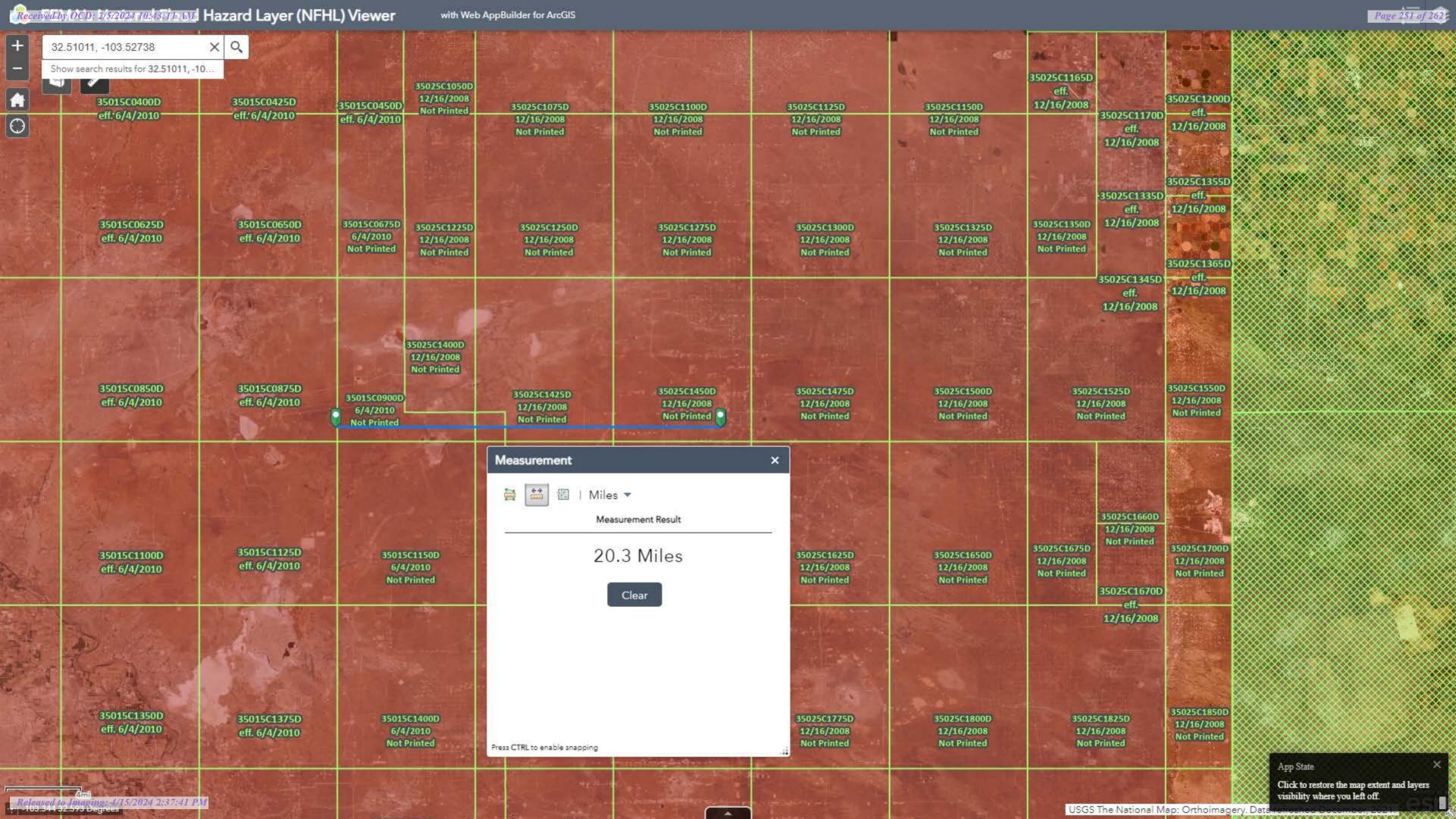
☐ FWS Managed Lands

☐ Historic Wetland Data







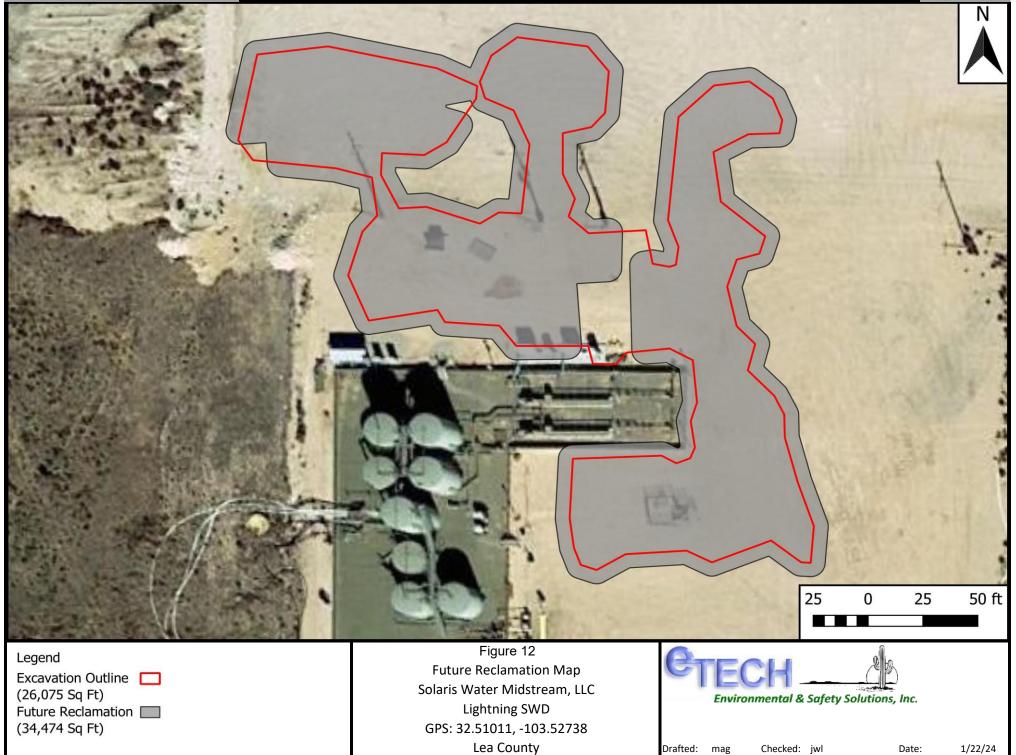


Hi wt g'33

Concentrations of BTEX, TPH, and Chloride in Soil Solaris Water Midstream, LLC Lightning SWD

NMOCD Ref. #: nAPP2234029508

NMOCD Ref. #: nAPP2234029508											
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard		10	50	•	•	•	•	100	600
				SW 846	6 8021B			4500 Cl			
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
EH - 1 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EH - 1 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	256
NH - 1 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	32.0
NH - 1 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	32.0
SH - 1 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	96.0
SH - 1 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WH - 1 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH - 1 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
V - 1 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,800
V - 1 @ 10"	1/6/2023	0.83	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,600
V - 2 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	5,920
V - 2 @ 9"	1/6/2023	0.75	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,560
V - 3 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920
V - 3 @ 8"	1/6/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	208
V - 4 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
V - 4 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	432
V - 5 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,800
V - 5 @ 8"	1/6/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,000
V - 6 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	26,000
V - 6 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600
V - 6 @ 1'	1/30/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,000
V - 7 @ Surf	1/6/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,600
V - 7 @ 6"	1/6/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800



<u>District I</u> 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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 311187

QUESTIONS

Operator:	OGRID:					
SOLARIS WATER MIDSTREAM, LLC	371643					
9651 Katy Fwy	Action Number:					
Houston, TX 77024	311187					
	Action Type:					
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)					

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2234029508					
Incident Name	NAPP2234029508 LIGHTNING SWD @ 0					
Incident Type	Produced Water Release					
Incident Status	Remediation Closure Report Received					

Location of Release Source							
Please answer all the questions in this group.							
Site Name	LIGHTNING SWD						
Date Release Discovered	12/05/2022						
Surface Owner	State						

Incident Details						
Please answer all the questions in this group.						
Incident Type	Produced Water Release					
Did this release result in a fire or is the result of a fire	No					
Did this release result in any injuries	No					
Has this release reached or does it have a reasonable probability of reaching a watercourse	No					
Has this release endangered or does it have a reasonable probability of endangering public health	No					
Has this release substantially damaged or will it substantially damage property or the environment	No					
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No					

Nature and Volume of Release							
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.							
Crude Oil Released (bbls) Details	Not answered.						
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 80 BBL Recovered: 20 BBL Lost: 60 BBL.						
Is the concentration of chloride in the produced water >10,000 mg/l	Yes						
Condensate Released (bbls) Details	Not answered.						
Natural Gas Vented (Mcf) Details	Not answered.						
Natural Gas Flared (Mcf) Details	Not answered.						
Other Released Details	Not answered.						
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.						

District I
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

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

QUESTIONS, Page 2

Action 311187

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	ONS (continued)
Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643 Action Number: 311187 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or

Name: Rob Kirk Title: General Manager I hereby agree and sign off to the above statement

Email: rob.kirk@solarismidstream.com

Date: 12/14/2023

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 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 311187

QUESTIONS (continued)

Operator:	OGRID:
SOLARIS WATER MIDSTREAM, LLC	371643
9651 Katy Fwy	Action Number:
Houston, TX 77024	311187
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must	be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of so	oil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delin-	eated Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	26000	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	23.1	
GRO+DRO (EPA SW-846 Method 8015M)	12.6	
BTEX (EPA SW-846 Method 8021B or 826	60B) 0	
Benzene (EPA SW-846 Method 8021B or 826	60B) 0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	06/10/2023	
On what date will (or did) the final sampling or liner inspection occur	07/13/2023	
On what date will (or was) the remediation complete(d)	07/25/2023	
What is the estimated surface area (in square feet) that will be reclai	imed 34474	
What is the estimated volume (in cubic yards) that will be reclaimed	2554	
What is the estimated surface area (in square feet) that will be remed	diated 26075	
What is the estimated volume (in cubic yards) that will be remediated 110		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minima	ally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to	

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV** 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 311187

QUESTIONS (continued)

Operator:	OGRID:
SOLARIS WATER MIDSTREAM, LLC	371643
9651 Katy Fwy	Action Number:
Houston, TX 77024	311187
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement

Name: Rob Kirk Title: General Manager

Email: rob.kirk@solarismidstream.com

Date: 02/05/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 311187

QUESTIONS (continued)

Operator:	OGRID:
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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I

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QUESTIONS, Page 6

Action 311187

QUESTIONS	(continued)

Operator:	OGRID:
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Houston, TX 77024	311187
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	298157
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/11/2023
What was the (estimated) number of samples that were to be gathered	132
What was the sampling surface area in square feet	22000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	26075
What was the total volume (cubic yards) remediated	110
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	110
Summarize any additional remediation activities not included by answers (above)	See attached Closure Report

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Rob Kirk
Title: General Manager
Email: rob.kirk@solarismidstream.com
Date: 02/05/2024

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QUESTIONS, Page 7

Action 311187

QUESTIONS (continued)

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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 311187

CONDITIONS

Operator:	OGRID:
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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete"	4/15/2024
scott.rodgers	• The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/15/2024