District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2125738506
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

		OGRID 371643							
Contact Name Rob Kirk			Contact Telephone (575)748-1553						
Contact ema	^{il} rob.kirk	@solarismidstre	am.com		Incident #	(assigned by OCD))	nAPP2125738506	
Contact mail	ing address	907 Tradewinds	s Blvd, Ste B, Mid	dland,	TX 79706				
Location of Release Source									
Latitude83 in decimal deg			Longitude -103.322372 grees to 5 decimal places)						
Site Name	/lomentum	36 State SWD #	1		Site Type	Pipeline			
Date Release	Discovered	9/3/2021			API# (if app				
TT '. T		T 1:	В	1	C	,	1		
Unit Letter	Section	Township	Range		Coun		-		
K	36	25S	35E		Lea	1			
Surface Owne	r: 🔽 State	☐ Federal ☐ Tr	ribal Private (A	Vame:)	
			NI a 4	1 17.1	СТ	0.1			
			Nature and	1 V 01	ume of F	Keiease			
		l(s) Released (Select al		calculati	ons or specific				
Crude Oi		Volume Release				Volume Reco	`		
✓ Produced	Water	Volume Release	d (bbls) 12			Volume Recovered (bbls) 8			
		Is the concentrate produced water	ion of dissolved c >10,000 mg/l?	hloride	in the	Yes N	lo		
Condensa	ite	Volume Release	d (bbls)			Volume Reco	vered (bl	bls)	
Natural C	ias	Volume Release	d (Mcf)			Volume Reco	vered (N	(lcf)	
Other (describe) Volume/Weight Released (provide units)		Volume/Weight Recovered (provide units)							
Cause of Rel	^{ease} An ur	nderground poly l	line ruptured.						

Received by OCD: 7/12/2023 11:50:05 AM
Form C-141 State of New Mexico
Page 2 Oil Conservation Division

73		. ^	- 4	0.00 4.0
- 1	aae	' /	OT	7.43
-	480	_	$\mathbf{v}_{\mathbf{J}}$	270

Incident ID	nAPP2125738506
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?
☐ Yes 🗸 No		
If YES, was immediate n	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
✓ The source of the rele	ease has been stopped.	
✓ The impacted area ha	s been secured to protect human health and	the environment.
✓ Released materials ha	ave been contained via the use of berms or contained via the use of the use o	likes, absorbent pads, or other containment devices.
✓ All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred elease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environs	nent. The acceptance of a C-141 report by the C	fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In
addition, OCD acceptance o and/or regulations.	f a C-141 report does not relieve the operator of	responsibility for compliance with any other federal, state, or local laws
Printed Name: Rob Kir	k	Title: General Manager, HSE & Compliance
Signature:	Nal	Date: _7/12/2023_
email: rob.kirk@solari	smidstream.com	Telephone: (575)748-1553
OCD Only		
Received by: Shelly W	/ells	Date: 7/13/2023

	Page 3 of 24.	3
Incident ID	nAPP2125738506	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

This information must be provided to the appropriate district office no taler than 90 days after the release discovery date.				
What is the shallowest depth to groundwater beneath the area affected by the release?	>105 (ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes 🗸 No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🗸 No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗸 No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🗸 No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes 🗸 No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ✓ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes 🗸 No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🗸 No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes 🗸 No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🗸 No			
Did the release impact areas not on an exploration, development, production, or storage site?	✓ Yes ☐ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				

Characterization Report Checklist: Each of the following items must be included in the report.
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
✓ Data table of soil contaminant concentration data
✓ Depth to water determination
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
✓ Boring or excavation logs
Photographs including date and GIS information
✓ Topographic/Aerial maps
✓ Laboratory data including chain of custody

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

Received by OCD: 7/12/2023 11:50:05 AM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

\boldsymbol{P}	age	4	of	243
				_

Incident ID	nAPP2125738506
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Rob Kirk Title: General Manager, HSE & Compliance

Date: 7/11/2023

Telephone: (575)748-1553

Received by: Shelly Wells Date: 7/13/2023

Page 5 of 243

Incident ID nAPP2125738506

District RP
Facility ID
Application ID

Closure

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

Closure Report Attac	chment Checklist: Each of the following	g items must be inc	luded in the closure report.
A scaled site and s	ampling diagram as described in 19.15.29	9.11 NMAC	
	e remediated site prior to backfill or photos prior to liner inspection)	os of the liner integ	rity if applicable (Note: appropriate OCD District office
✓ Laboratory analyse	es of final sampling (Note: appropriate Ol	DC District office n	nust be notified 2 days prior to final sampling)
✓ Description of rem	nediation activities		
and regulations all opera may endanger public he should their operations I human health or the env compliance with any off restore, reclaim, and re-	ators are required to report and/or file cert alth or the environment. The acceptance have failed to adequately investigate and rironment. In addition, OCD acceptance therefederal, state, or local laws and/or regressed the impacted surface area to the environment. In addition, OCD acceptance of the federal, state, or local laws and/or regressed the impacted surface area to the environment.	tain release notificate of a C-141 report by remediate contaminate of a C-141 report doubtions. The respondentiations that exists OCD when reclaminate. Title: General	I Manager, HSE & Compliance
OCD Only			
Received by: Shelly W	Vells	Date: _7	/13/2023
remediate contamination		ce water, human hea	If their operations have failed to adequately investigate and lth, or the environment nor does not relieve the responsible
Closure Approved by: _	Nelson Velez	Date:	10/03/2023
Printed Name:	Nelson Velez	Title:	Environmental Specialist - Adv

Remediation Summary & Soil Closure Request

Solaris Water Midstream, LLC Momentum 36 State SWD #1

Lea County, New Mexico Unit Letter "K", Section 36, Township 25 South, Range 35 East Latitude 32.084114° North, Longitude 103.322372° West NMOCD Reference No. nAPP2125738506

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave., Ste. D Lubbock, Texas 79413

Ben J. Arguijo



Midland • San Antonio • Lubbock • Hobbs • Lafayette

TABLE OF CONTENTS

	Section
PROJECT INFORMATION	1.0
SITE CHARACTERIZATION	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3 . 0
INITIAL SITE ASSESSMENT	4 . 0
REMEDIATION ACTIVITIES SUMMARY	5 . 0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN	6.0
SOIL CLOSURE REQUEST	
LIMITATIONS	8 . 0
DISTRIBUTION	

FIGURES

- Figure 1 Topographic Map
- Figure 2 Site Characterization Map
- Figure 3 Site & Sample Location Map

TABLES

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

APPENDICES

- Appendix A Depth to Groundwater Information
- Appendix B Field Data & Soil Profile Log
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports
- Appendix E Regulatory Correspondence
- Appendix F NMCRIS Investigation Abstract Form (NIAF)

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Solaris Water Midstream, LLC (Solaris), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Momentum 36 State SWD #1 (henceforth, "Momentum 36 SWD"). Details of the release are summarized below:

atitude:	32.084114°	Longitude:	-103.32	2372°					
<u> </u>		rovided GPS are in WGS84 format							
ite Name: Mo	omentum 36 State SWD #	1 Site Type:	Pipelii	ne					
Date Release Discover		API # (if applica		N/A					
	tetion Township 36 25S	Range 35E	County Lea						
urface Owner: X St		ribal Private (Name and Volume of R							
Crude Oil	Volume Released (bbls	<u> </u>	Volume Recovered (bb	ols)					
X Produced Water	Volume Released (bbls	12	Volume Recovered (bb	ols) 8					
	Is the concentration of to (TDS) in the produced v		X Yes No	N/A					
Condensate	Volume Released (bbls)	Volume Recovered (bb	ls)					
Natural Gas	Volume Released (Mcf)	Volume Recovered (M	cf)					
Other (describe)	Volume/Weight Release	ed	Volume/Weight Recove	ered					
Cause of Release: An underground poly	line ruptured.								
		Initial Response							
X The source of the	release has been stopped.								
X The impacted area has been secured to protect human health and the environment.									
X Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices									
		,	1 ,						

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 Momentum 36 SWD release site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on June 15, 2022, an investigative soil boring/temporary monitor well was drilled at the site in an effort to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 105 feet below ground surface (bgs) and left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment. A drilling log and additional depth to groundwater information are provided in Appendix A. The location of the investigative soil bore/temporary monitor well is depicted in Figure 2.

What is the shallowest depth to groundwater beneath the area affected by the release?	>	105'
Did the release impact groundwater or surface water?	Yes	X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes	X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes	X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes	X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes	X No
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No
Did the release impact areas not on an exploration, development, production or storage site?	X Yes	No

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

On October 28, 2021, in accordance with New Mexico State Land Office (NMSLO) regulatory guidelines, an archaeological/cultural survey was conducted at the release site. The survey included a 100-foot cultural buffer around the inferred affected area. According to the New Mexico Cultural Resource Information System (NMCRIS) Investigation Abstract Form (NIAF), "during this investigation, no new or previously recorded sites or historic properties were identified; however, one isolated occurrence (IO) was recorded within the survey area. The IO is recommended not eligible for listing on the NRHP under any criteria; therefore, no further management is recommended." A copy of the NIAF is provided as Appendix F.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Momentum 36 SWD release site are as listed in the table on the following page:

Closure Criteria for Soils Impacted by a Release

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
>105'	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

^{*} Measured in milligrams per kilogram (mg/kg)

4.0 INITIAL SITE ASSESSMENT

On November 1, 2021, Etech conducted an initial site assessment. During the initial site assessment, four (4) hand-augered soil bores (SP1 through SP4) were advanced within the inferred margins of the affected area to determine the vertical extent of impacted soil. In addition, nine (9) hand-augered soil bores (NH1, EH1, EH2, EH3, SH1, SH2, WH1, WH2, and WH3) were advanced along the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit. The soil bores were advanced in one (1) foot increments until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards or until refusal was met.

Based on field observations and field test results, a total of 26 delineation soil samples (NH1 @ Surface, NH1 @ 1', EH1 @ Surface, EH1 @ 1', EH2 @ Surface, EH2 @ 1', EH3 @ Surface, EH3 @ 1', SH1 @ Surface, SH1 @ 1', SH2 @ Surface, SH2 @ 1', WH1 @ Surface, WH1 @ 1', WH2 @ Surface, WH2 @ 1', WH3 @ Surface, WH3 @ 1', SP1 @ Surface, SP1 @ 4'-R, SP2 @ Surface, SP2 @ 4'-R, SP3 @ Surface, SP3 @ 4'-R, SP4 @ Surface, and SP4 @ 4'-R) were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were less than the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory method detection limits (MDL) in each of the submitted soil samples. Chloride concentrations ranged from 7.45 mg/kg in soil sample SH1 @ Surface to 25,700 mg/kg in soil sample SP1 @ Surface. Based on these laboratory analytical results, the horizontal extent of impacted soil was adequately defined, and the vertical extent of impacted soil was adequately defined in the areas characterized by sample points SP2, SP3, and SP4. However, additional vertical delineation and/or excavation was required in the areas characterized by sample point SP1.

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

5.0 REMEDIATION ACTIVITIES SUMMARY

On April 14, 2022, remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the vertical and horizontal extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

On April 22, 2022, Etech collected 10 confirmation soil samples (NW 1, EW 1, and FS 1 @ 3' to FS 8 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were less than the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were

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

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

also less than the applicable laboratory MDL. Chloride concentrations ranged from 48.0 mg/kg in soil sample FS 2 @ 3' to 336 mg/kg in soil sample FS 8 @ 5'.

On April 26, 2022, Etech collected 30 confirmation soil samples (EW 3 to EW 9, SW 1, WW 1 to WW 8, and FS 9 @ 5' to FS 22 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were less than the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 32.0 mg/kg in soil samples EW 4, EW 9, and WW 4 to 1,890 mg/kg in soil sample FS 19 @ 4.5'. Chloride concentrations exceeded the NMOCD Reclamation Standard in soil samples EW 5 and EW 7.

On April 27, 2022, Etech collected 10 confirmation soil samples (EW 10 to EW 12, WW 9 to WW 12, and FS 23 @ 4' to FS 25 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were less than the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg in soil samples EW 12 and WW 11 to 1,740 mg/kg in soil sample FS 24 @ 4'.

On April 29, 2022, Etech collected 10 confirmation soil samples (EW 13 and FS 26 @ 4' to FS 34 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were less than the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 80.0 mg/kg in soil sample EW 13 to 3,760 mg/kg in soil sample FS 26 @ 4'.

On May 3, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples EW 5 and EW 7. Etech collected 26 confirmation soil samples (EWB 5, EWB 7, EW 14 to EW 16, WW 15, and FS 35 @ 4' to FS 54 @ 4") from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX concentrations were less than the NMOCD Closure Criterion, NMOCD Reclamation Standard, and laboratory MDL in each of the submitted soil samples. TPH concentrations were less than the laboratory MDL in a majority of the submitted soil samples, with the exceptions of soil samples FS 42 @ 4" and FS 54 @ 4", which exhibited concentrations of 679 mg/kg and 15.8 mg/kg, respectively. Chloride concentrations ranged from 64.0 mg/kg in soil sample EW 14 to 46,400 mg/kg in soil sample FS 47 @ 4". Chloride concentrations exceeded the NMOCD Closure Criterion in soil samples FS 42 @ 4" to FS 48 @ 4" and FS 50 @ 4" to FS 54 @ 4".

On May 18, 2022, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FS 42 @ 4" to FS 48 @ 4" and FS 50 @ 4" to FS 54 @ 4". Etech collected 12 confirmation soil samples (FS 42 @ 8" to FS 48 @ 8" and FS 50 @ 8" to FS 54 @ 8") from the floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were less than the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL, with the exception of soil sample FS 53 @ 8", which exhibited a TPH concentration of 23.6 mg/kg. Chloride concentrations ranged from 352 mg/kg in soil sample FS 53 @ 8" to 4,800 mg/kg in soil sample FS 50 @ 8".

The final dimensions of the excavated area were approximately 750 feet in length, three (3) to 22 feet in width, and three (3) to five (5) feet in depth. The final dimensions of the surface scape on the production pad were approximately 150 feet in length, seven (7) to 100 feet in width, and four (4) to eight (8) inches in depth. During the course of remediation activities, Etech transported approximately 1,516 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,420 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

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

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

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

7.0 SOIL CLOSURE REQUEST

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

Based on laboratory analytical results and field activities conducted to date, Etech recommends Solaris provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Momentum 36 SWD release site.

8.0 LIMITATIONS

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

This report has been prepared for the benefit of Solaris Water Midstream, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Solaris.

9.0 DISTRIBUTION

Solaris Water Midstream, LLC 907 Tradewinds Blvd Suite 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

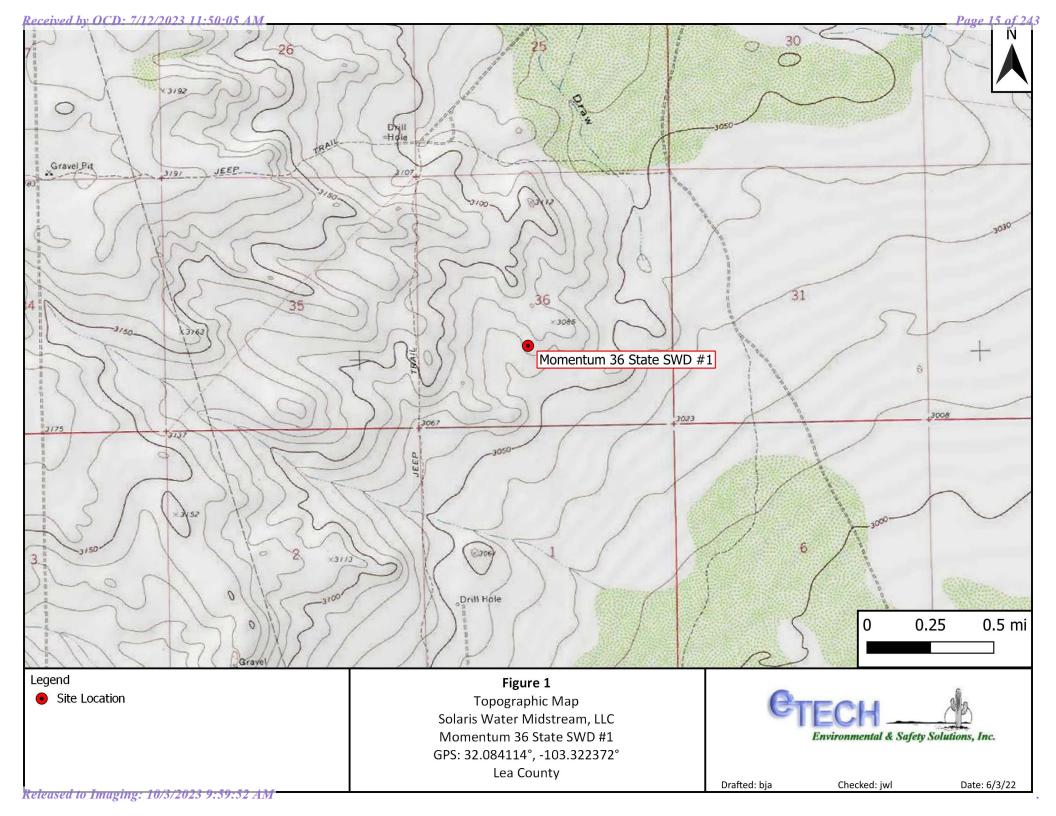


Figure 2 Site Characterization Map

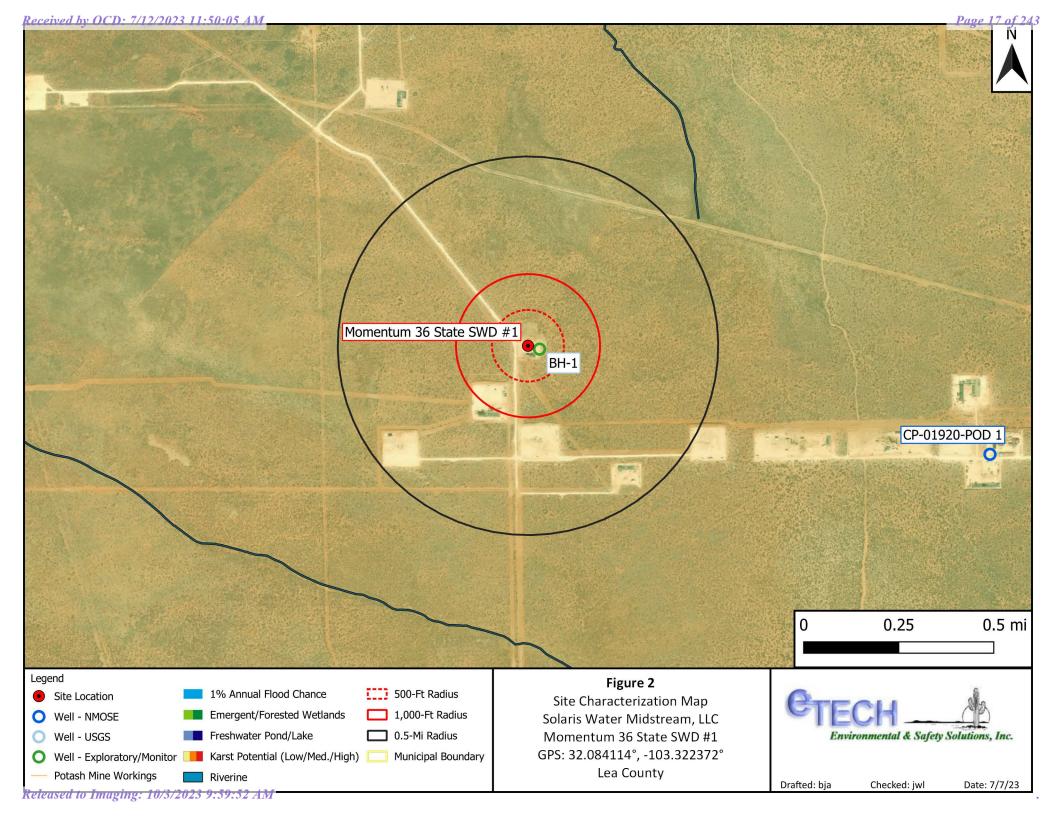


Figure 3 Site & Sample Location Map

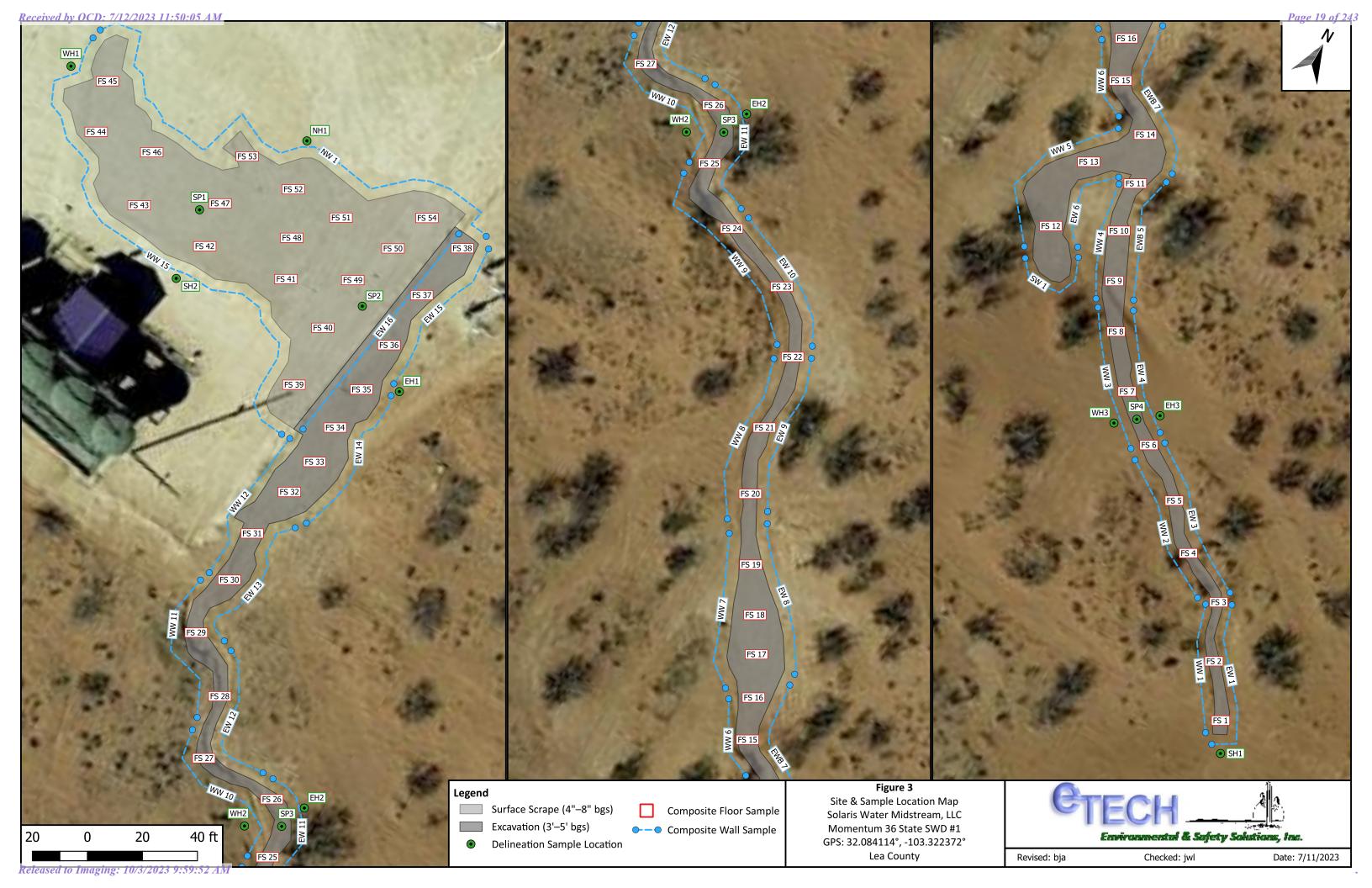


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Note		Table 1 Concentrations of BTEX, TPH & Chloride in Soil											
Name													
NMOCD Closure Criteria					Momentu	ım 36 State	e SWD #1						
NAMOCT Reclamative Date Depth Depth				N	MOCD Re	ef.#: nAPP	21257385	06					
Sample ID Date Dept De	NMO	OCD Closure C	Criteria		10	50	N/A	N/A	1,000	N/A	2,500	20,000	
Nample Date Date	NMOCI	D Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600	
Charlet Char					SW 840	6 8021B		SW		Ext.	T	4500 Cl	
New York New York	Sample ID	Date	_	Soil Status	Renzene	RTFX		DRO		ORO		Chloride	
NHI @ Surface 11/1/2021 1	.		(Feet)										
NHI @ Surface 11/1/2021 0								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
Nemark 11/1/2021	NIII O C C	11/1/2021	0	I C:	1			z40.0	z40.0	z40.0	z40.0	450	
EHI @ Surface													
First	$\overline{}$		_										
EH2 @ Surface 11/1/2021 0	0												
EH2 @ I'													
EH3 @ Surface	$\overline{}$												
EH3 @ I'													
SHI @ Surface 11/1/2021 0 In-Situ 0.00199 0.00398 0.00399 0.													
SH1 @ I'			_										
SH2 @ Surface 11/1/2021 0 In-Situ 0.00199 0.00398 0.00399 0.													
SH2 @ I'	$\overline{}$												
WH1 @ Surface 11/1/2021 0 In-Situ 0.00199 0.00398 0.00397 0.00399 0.													
WH1 @ I'													
WH2 @ Surface 11/1/2021 0													
WH2 @ 1' 11/1/2021 1 In-Situ <0.00202 <0.00403 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.8 <49.8													
WH3 @ Surface 11/1/2021 0			1										
SP1 @ Surface 11/1/2021 0 Excavated <0.00201 <0.00402 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <55.6 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <55.0 <59.0 <49.9 <49.9 <49.9 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.9 <49.9 <49.9 <49.9 <49.	$\overline{}$		0										
SP1 @ 4*R 11/1/2021 4 Excavated <0.00200 <0.00401 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 24,800 SP2 @ Surface 11/1/2021 0 In-Situ <0.00199	WH3 @ 1'	11/1/2021	1	In-Situ	< 0.00201	< 0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	17.6	
SP2 @ Surface 11/1/2021 0 In-Situ <0.00199 <0.00398 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <556 SP2 @ 4'-R 11/1/2021 4 In-Situ <0.00200	SP1 @ Surface	11/1/2021	0	Excavated	< 0.00201	< 0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	25,700	
SP2 @ 4'-R 11/1/2021 4 In-Situ <0.00200 <0.00400 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <td>SP1 @ 4'-R</td> <td>11/1/2021</td> <td>4</td> <td>Excavated</td> <td>< 0.00200</td> <td>< 0.00401</td> <td><49.8</td> <td><49.8</td> <td><49.8</td> <td><49.8</td> <td><49.8</td> <td>24,800</td>	SP1 @ 4'-R	11/1/2021	4	Excavated	< 0.00200	< 0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	24,800	
SP3 @ Surface 11/1/2021 0 Excavated <0.00199 <0.00398 <49.8 <49.8 <49.8 <49.8 <49.8 7,410 SP3 @ 4'-R 11/1/2021 4 In-Situ <0.00200	SP2 @ Surface	11/1/2021	0	In-Situ	< 0.00199	< 0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	556	
SP3 @ 4'-R 11/1/2021 4 In-Situ <0.00200 <0.00399 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <td>SP2 @ 4'-R</td> <td>11/1/2021</td> <td>4</td> <td>In-Situ</td> <td>< 0.00200</td> <td>< 0.00400</td> <td>< 50.0</td> <td>< 50.0</td> <td>< 50.0</td> <td>< 50.0</td> <td>< 50.0</td> <td>539</td>	SP2 @ 4'-R	11/1/2021	4	In-Situ	< 0.00200	< 0.00400	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	539	
SP4 @ Surface 11/1/2021 0 Excavated <0.00198 <0.00397 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.	SP3 @ Surface	11/1/2021	0	Excavated	< 0.00199	< 0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	7,410	
SP4 @ 4'-R													
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	SP4 @ Surface	11/1/2021	0	Excavated	< 0.00198	< 0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	4,270	
NW 1 4/22/2022 0-0.66 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 128 EW 1 4/22/2022 0-3 In-Situ <0.050	SP4 @ 4'-R	11/1/2021	4	In-Situ	< 0.00199	< 0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	1,910	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				T =									
EW 3 4/26/2022 0-4 In-Situ <0.050													
EW 4 4/26/2022 0-5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 EW 5 4/26/2022 0-5 Excavated <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 1,180 EWB 5 5/3/2022 0-5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 1,180 EW 6 4/26/2022 0-4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 112 EW 6 4/26/2022 0-4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 176 EW 7 4/26/2022 0-4.5 Excavated <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 1,220 EW 8 4/26/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <96.0 EW 9 4/26/2022 0-4.5 <td></td>													
EW 5 4/26/2022 0-5 Excavated <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 1,180 EWB 5 5/3/2022 0-5 In-Situ <0.050													
EWB 5 5/3/2022 0-5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 112 EW 6 4/26/2022 0-4 In-Situ <0.050													
EW 6 4/26/2022 0-4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 176 EW 7 4/26/2022 0-4.5 Excavated <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 1,220 EW 8 4/26/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 96.0 EW 8 4/26/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 96.0 EW 9 4/26/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 64.0 EW 9 4/26/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 EW 10 4/27/2022 0-4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 EW 11 4/27/2022 0-4 </td <td></td>													
EW 7 4/26/2022 0-4.5 Excavated <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 1,220 EWB 7 5/3/2022 0-4.5 In-Situ <0.050													
EWB 7 5/3/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 96.0 EW 8 4/26/2022 0-4.5 In-Situ <0.050													
EW 8 4/26/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 64.0 EW 9 4/26/2022 0-4.5 In-Situ <0.050													
EW 9 4/26/2022 0-4.5 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 EW 10 4/27/2022 0-4 In-Situ <0.050													
EW 10 4/27/2022 0-4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 128 EW 11 4/27/2022 0-4 In-Situ <0.050		1											
EW 11 4/27/2022 0-4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 320 EW 12 4/27/2022 0-4 In-Situ <0.050													
EW 12 4/27/2022 0-4 In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 EW 13 4/29/2022 0-4 In-Situ <0.050													
EW 13 4/29/2022 0-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 80.0 EW 14 5/3/2022 0-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0													
EW 14 5/3/2022 0-4 In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0													
	EW 15												

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

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Solaris Water Midstream, LLC Momentum 36 State SWD #1 NMOCD Ref. #: nAPP2125738506

NMC	OCD Closure C	ritorio	11	10	ef. #: nAPI 50			1,000	NI/A	2 500	20,000
	D Reclamation			10	50	N/A N/A	N/A N/A	N/A	N/A N/A	2,500 100	600
Ninoci		Standard			6 8021B	IN/A		846 8015M		100	4500 CI
		ъ а		511 04	0 80216			GRO +			4500 CI
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO C ₆ -C ₁₀	DRO C ₁₀ -C ₂₈	DRO	ORO C ₂₈ -C ₃₆	TPH C ₆ -C ₃₆	Chloride
		(= ===)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C ₆ -C ₂₈	(mg/kg)	(mg/kg)	(mg/kg)
EW 16	5/3/2022	0-0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	96.0
SW 1	4/26/2022	0-0.00	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW 1	4/26/2022	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW 2	4/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 3	4/26/2022	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 4	4/26/2022	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 5	4/26/2022	0-4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WW 6	4/26/2022	0-4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW 7	4/26/2022	0-4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 8	4/26/2022	0-4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 9	4/27/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 10	4/27/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WW 11	4/27/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 12	4/27/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 15	5/3/2022	0-0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FS 1 @ 3'	4/22/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FS 2 @ 3'	4/22/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FS 3 @ 3'	4/22/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FS 4 @ 4'	4/22/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FS 5 @ 4'	4/22/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FS 6 @ 4'	4/22/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FS 7 @ 5'	4/22/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FS 8 @ 5'	4/22/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FS 9 @ 5'	4/26/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FS 10 @ 5'	4/26/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FS 11 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FS 12 @ 4'	4/26/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FS 13 @ 4'	4/26/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FS 14 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
FS 15 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FS 16 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FS 17 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FS 18 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FS 19 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,890
FS 20 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
FS 21 @ 4.5'	4/26/2022	4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FS 22 @ 4'	4/26/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FS 23 @ 4'	4/27/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
FS 24 @ 4'	4/27/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,740
FS 25 @ 4'	4/27/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,200
FS 26 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760
FS 27 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
FS 28 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,790
FS 29 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,620
FS 30 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,970

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

					Table 1									
			Concentr	ations of I	Table 1	II & Chlor	da in Cai	1						
	Concentrations of BTEX, TPH & Chloride in Soil Solaris Water Midstream, LLC													
	Momentum 36 State SWD #1													
			N	MOCD R			506							
NN	NMOCD Closure Criteria 10 50 N/A N/A 1,000 N/A 2,500 20,000													
NMO	CD Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600			
				SW 84	SW 846 8021B				Ext.		4500 CI			
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)			
FS 31 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280			
FS 32 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,640			
FS 33 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,630			
FS 34 @ 4'	4/29/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848			
FS 35 @ 4'	5/3/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960			
FS 36 @ 4'	5/3/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280			
FS 37 @ 4'	5/3/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120			
FS 38 @ 4'	5/3/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416			
FS 39 @ 4"	5/3/2022	0.33	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380			
FS 40 @ 4"	5/3/2022	0.33	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,680			
FS 41 @ 4"	5/3/2022	0.33	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120			
FS 42 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	679	679	<10.0	679	26,000			
FS 42 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640			
FS 43 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	44,400			
FS 43 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992			
FS 44 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	42,800			
FS 44 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944			
FS 45 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	44,400			
FS 45 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704			
FS 46 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	26,000			
FS 46 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480			
FS 47 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	46,400			
FS 47 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480			
FS 48 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	28,800			
FS 48 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760			
FS 49 @ 4"	5/3/2022	0.33	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520			
FS 50 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	23,200			
FS 50 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800			
FS 51 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	34,000			
FS 51 @ 8"	5/18/2022	0.66	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,650			
FS 52 @ 4"	5/3/2022	0.33	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	44,000			
							400		400	• • •				

<10.0

<10.0

23.6

15.8

<10.0

<20.0

<20.0

23.6

15.8

<20.0

<10.0

<10.0

<10.0

<10.0

<10.0

5/18/2022

5/3/2022

5/18/2022

5/3/2022

5/18/2022

FS 52 @ 8"

FS 53 @ 4"

FS 53 @ 8"

FS 54 @ 4"

FS 54 @ 8"

0.66

0.33

0.66

0.33

0.66

In-Situ

Excavated

In-Situ

Excavated

In-Situ

< 0.050

< 0.050

< 0.050

< 0.050

< 0.050

< 0.300

< 0.300

< 0.300

< 0.300

< 0.300

<10.0

<10.0

<10.0

<10.0

<10.0

<30.0

<30.0

23.6

15.8

<30.0

496

36,000

352

28,000

1,040

Appendix A Depth to Groundwater Information



Soil Boring/Temporary Monitor Well BH-1

Company: Solaris Water Midstream, LLC Site: Momentum 36 State SWD #1

NMOCD Reference #: nAPP2125738506

Location: Lea Co., NM

PLSS: U/L "K", Sec. 36, T25S, R35E

Well/Borehole ID: BH-1

Coordinates (NAD 83): 32.083978,-103.321858

Drilling Date: 6/15/2022

Depth of Boring (ft): 105

Depth to Groundwater (ft): >105

Plugging Date: 6/20/2022

Drilling Company: Vision Resources
Driller: Jason Maley (NM License #1833)

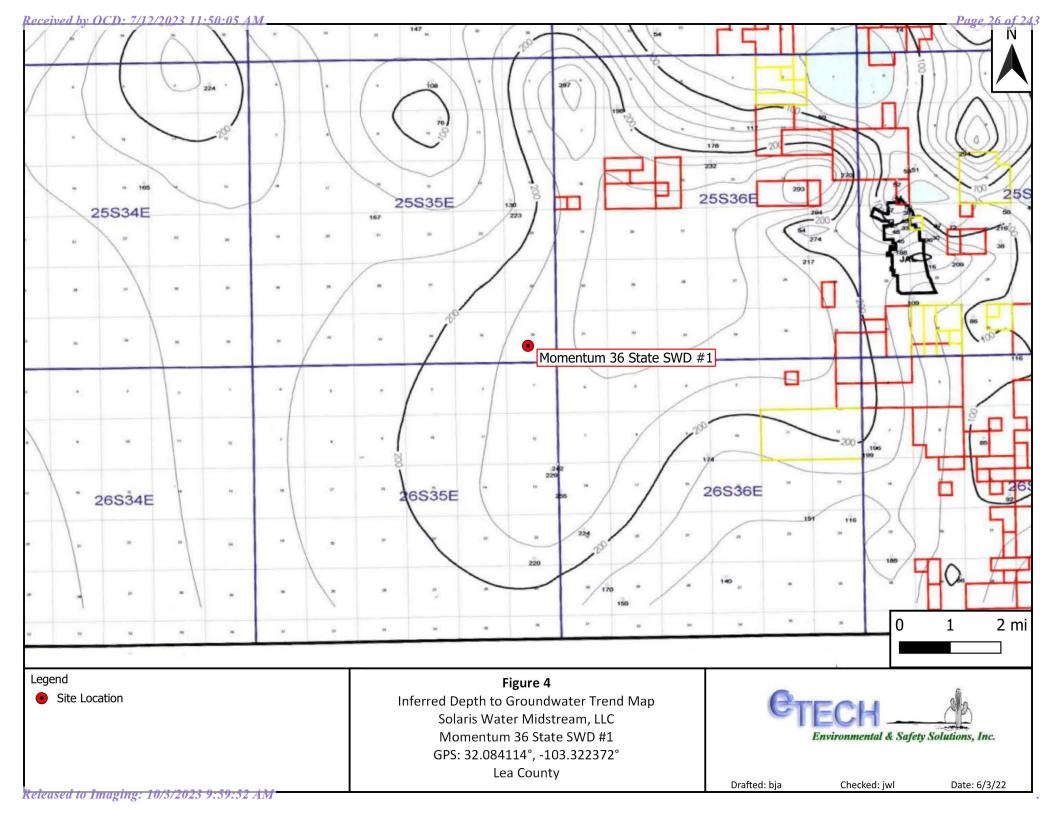
Drilling Method: Air Rotary Logged By: Jason Maley Drafted By: B.J. Arguijo Draft Date: 7/7/2023

Completion: N/A Casing: N/A Screen: N/A

Comments: N/A

					1			
Depth (ft)	Groundwater	Lithology	Material Description	Petroleum Odor	Petroleum Stain	PID Reading	Well Construction	
			Silty sand with gravel, light brown	-	-	-		
5				_	_	_		
_ 10								
_ 15				-	-	-		
_ _ 20				-	-	-		
E		9. X	Small gravel with clay, light brown	-	-	-		
25 				-	_	-		
30			Silty sand, light brown					
_ _ 35				-	-	-		
_ _ 40				-	-	-		
E				-	-	-		
_ 45 _				-	-	-		
50			Clay with sand, light brown					Open Hole
_ _ 55				-	-	-		Open
_ 60				-	-	-		Ĭ
E				-	-	-		
- 65				-	-	-		
- 70			Fine sand with silty sand and trace clay, light brown					
_ _ 75				-	-	-		
_ 80				-	-	-		
E		9.00	Very fine sand with silty sand and trace gravel, brown	-	-	-		
- 85		0000		-	_	-		
90			Sand with clay, light brown					
95				-	_	-		
100				-	-	-		
E		ИИ	Clay with silty sand, light brown	-	-	-		
105		F-4-421-1-14	Notes:					
110			 Lines between material types represent approximate boundaries. Actual transitions may be gradual. 					
115			 The exploratory soil boring was left open for 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring. 					
	<u> </u>				l .	<u> </u>		

Disclaimer This bore log is intended for environmental not geotechnical purposes.





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

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

(R=POD has been replaced, O=orphaned,

C=the file is

closed)

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

(quarters are smallest to

largest) (NAD83 UTM in meters)

(In feet)

		POD Sub-		Q (o C	ì							W	/ater
POD Number	Code	basin	County	641	6 4	Sec	Tws	Rng	X	Υ	DistanceDep	thWellDep	othWaterCo	lumn
CP 01920 POD1		CP	LE	4 3	3 4	31	25S	36E	660282	3550531	2009	101		
CP 01263 POD3		CP	LE	4 1	3	06	26S	36E	660038	3549729	2126	516	240	276
CP 01170 POD1		CP	LE	3 3	3	06	26S	36E	659282	3548984 🌕	2222	500	280	220
CP 01170 POD1	С	СР	LE	3 3	3	06	26S	36E	659282	3548984	2222	500	280	220

Average Depth to Water: 266 feet

Minimum Depth: 240 feet

Maximum Depth: 280 feet

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 658326 Northing (Y): 3550990.56 Radius: 2414

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.

7/11/23 2:01 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X

CP 01920 POD1 NA

Drill Start Date: 09/21/2022

4 31 25S 36E

660282 3550531



Driller License: 1249

Driller Company:

ATKINS ENGINEERING ASSOC. INC.

Driller Name:

JACKIE D ATKINS

Drill Finish Date:

Plug Date: 09/21/2022

09/26/2022

Log File Date:

PCW Rcv Date:

09/30/2022

Pipe Discharge Size:

Source:

Estimated Yield:

Pump Type: Casing Size:

Depth Well:

101 feet

Depth Water:

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.

7/11/23 5:30 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number

Q64 Q16 Q4 Sec Tws Rng

X Y

CP 01263 POD3

4 1 3 06 26S 36E

660038 3549729

9

Driller Name: DURAN, LUIS (TONY)

Drill Start Date: 06/24/2015 **Drill Finish Date:** 06/28/2015 **Plug Date:**

Log File Date:07/13/2015PCW Rcv Date:Source:ShallowPump Type:Pipe Discharge Size:Estimated Yield:125 GPMCasing Size:10.00Depth Well:516 feetDepth Water:240 feet

Water Bearing Stratifications: Top Bottom Description

195 254 Other/Unknown
 350 384 Other/Unknown

Casing Perforations: Top Bottom

215 515

Meter Number: 17862 Meter Make: MASTERMETER

Meter Serial Number:8406997Meter Multiplier:100.0000Number of Dials:6Meter Type:Diversion

Unit of Measure: Gallons Return Flow Percent:

Usage Multiplier: Reading Frequency: Quarterly

v

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
08/31/2016	2016	422984	A	RPT	0
09/30/2016	2016	450658	A	RPT	8.493
10/31/2016	2016	471868	A	RPT	6.509
01/31/2017	2017	530694	A	RPT	18.053
02/28/2017	2017	548998	A	RPT	5.617
03/31/2017	2017	573114	A	RPT	7.401
04/30/2017	2017	601731	A	RPT	8.782
05/31/2017	2017	644889	A	RPT	13.245
06/30/2017	2017	695831	A	RPT	15.634
10/31/2017	2017	766114	A	RPT	21.569
11/30/2017	2017	791617	A	RPT	7.827
12/31/2017	2017	837665	A	RPT	14.132
01/31/2018	2018	851710	A	RPT	4.310
02/28/2018	2018	862587	A	RPT	3.338
03/31/2018	2018	912382	A	RPT	15.282
04/30/2018	2018	989932	A	RPT	23.799
05/31/2018	2018	993994	A	RPT	1.247
07/31/2018	2018	134731	R	RPT Meter Rollover	43.191
08/31/2018	2018	146458	A	RPT	3.599

09/30/2018	2018	150575	A	RPT
10/31/2018	2018	192839	A	RPT
11/30/2018	2018	234964	A	RPT
12/31/2018	2018	303481	A	RPT
01/31/2019	2019	331189	A	RPT
04/30/2019	2019	331189	A	RPT
05/31/2019	2019	358913	A	RPT
06/30/2019	2019	365998	A	RPT
07/31/2019	2019	367658	A	RPT
09/30/2019	2019	367658	A	RPT
11/30/2019	2019	404034	A	RPT
02/29/2020	2020	456658	A	RPT
04/30/2020	2020	466461	A	RPT
05/31/2020	2020	466461	A	RPT
06/30/2020	2020	467261	A	RPT
09/30/2020	2020	514862	A	RPT
10/31/2020	2020	563996	A	RPT
12/31/2020	2020	623078	A	RPT
**YTD Mete	er Amounts:	Year		Amount
		2016		15.002
		2017		112.260
		2018		142.954
		2019		30.857
		2020		67.223

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, or suitability for any particular purpose of the data.

10/19/21 1:00 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

X

CP 01170 POD1

06 26S 36E

659282 3548984

Driller License: 1682 **Driller Company:** HUNGRY HORSE, LLC.

Driller Name: JOHN NORRIES

Drill Start Date: 10/21/2013 **Drill Finish Date:** 11/11/2013 Plug Date:

Log File Date:

12/12/2013

PCW Rcv Date:

02/26/2014 Source:

Shallow

Pump Type:

SUBMER

Pipe Discharge Size:

Estimated Yield: 250 GPM

Casing Size:

12.00

Depth Well:

500 feet **Depth Water:**

280 feet

Water Bearing Stratifications:

Top Bottom Description

330

420 Sandstone/Gravel/Conglomerate

473

495 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

0 500

Meter Number: 17865 Meter Make:

MASTERMETER

Meter Serial Number: 336502

Meter Multiplier:

100.0000

Number of Dials:

Usage Multiplier:

Meter Type:

Diversion

Unit of Measure:

Gallons

Return Flow Percent: Reading Frequency:

Monthly

Meter Readings (in Acre-Feet)

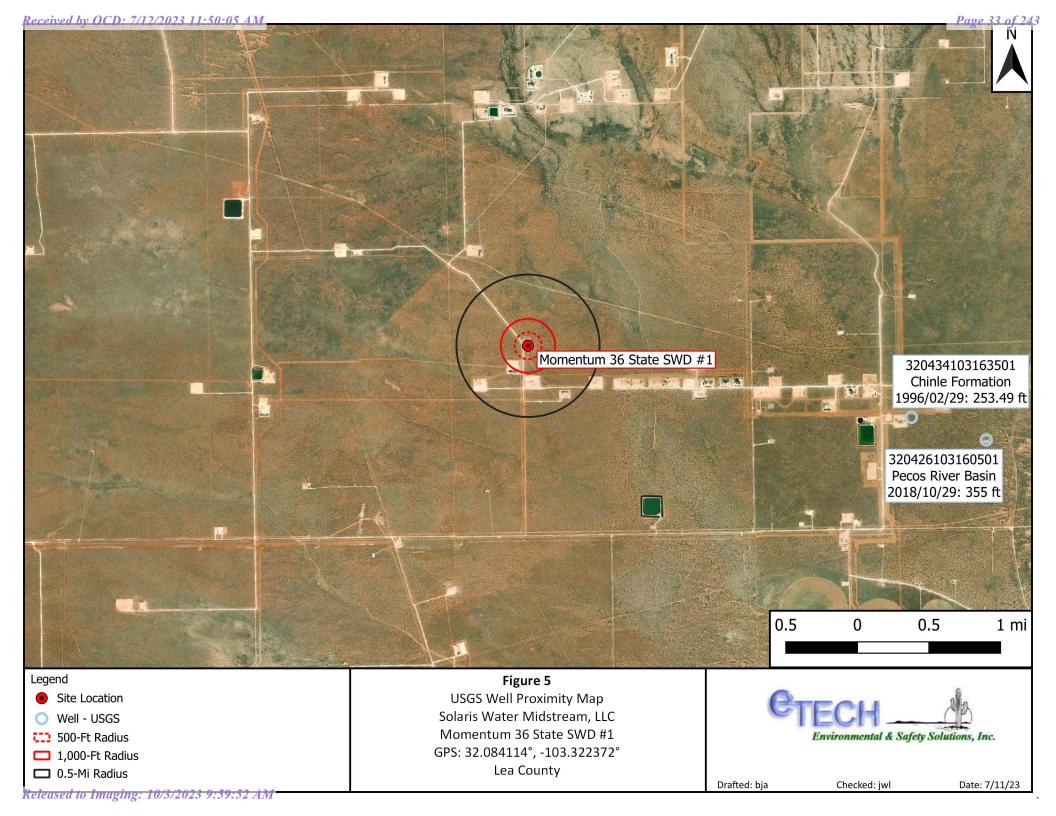
Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
08/31/2016	2016	463574	A	RPT	0
09/30/2016	2016	492425	A	RPT	8.854
10/31/2016	2016	502068	A	RPT	2.959
01/31/2017	2017	553794	A	RPT	15.874
02/28/2017	2017	564372	A	RPT	3.246
03/31/2017	2017	576624	A	RPT	3.760
04/30/2017	2017	581107	A	RPT	1.376
05/31/2017	2017	592118	A	RPT	3.379
06/30/2017	2017	600437	A	RPT	2.553
10/31/2017	2017	662891	A	RPT	19.166
12/31/2017	2017	705971	A	RPT	13.221
01/31/2018	2018	721084	A	RPT	4.638
02/28/2018	2018	737990	A	RPT	5.188
03/31/2018	2018	749196	A	RPT	3.439
04/30/2018	2018	791184	A	RPT	12.886
05/31/2018	2018	837816	A	RPT	14.311
06/30/2018	2018	851794	A	RPT	4.290
07/31/2018	2018	891484	A	RPT	12.180
08/31/2018	2018	933967	A	RPT	13.038

09/30/2018 2018	971123	A	RPT	11.403
10/31/2018 2018	3 11374	R	RPT Meter Rollover	12.353
11/30/2018 2018	50992	A	RPT	12.158
12/31/2018 2018	94153	A	RPT	13.246
01/31/2019 2019	9 108730	A	RPT	4.474
04/30/2019 2019	9 109001	A	RPT	0.083
05/31/2019 2019	112864	A	RPT	1.186
06/30/2019 2019	112864	A	RPT	0
07/31/2019 2019	120459	A	RPT	2.331
08/30/2019 2019	124456	A	RPT	1.227
09/30/2019 2019	124456	A	RPT	0
02/29/2020 2020	149830	A	RPT	7.787
09/30/2020 2020	229376	A	RPT	24.412
10/31/2020 2020	244080	A	RPT	4.512
11/30/2020 2020	261882	A	RPT	5.463
03/31/2021 2021	306800	A	RPT	13.785
**YTD Meter Am	ounts: Year		Amount	
	2016		11.813	
	2017		62.575	
	2018		119.130	
	2019		9.301	
	2020		42.174	
	2021		13.785	

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.

10/19/21 1:00 PM

POINT OF DIVERSION SUMMARY



0

Click forNews Bulletins

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320434103163501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320434103163501 25S.36E.33.33323

Lea County, New Mexico Latitude 32°04'34", Longitude 103°16'35" NAD27 Land-surface elevation 2,999 feet above NAVD88

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aguifer.

Output formats

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

Date \$	Time \$? Water-level	? Parameter code	Water level, feet below land surface	Water level, feet above \$pecific vertical datum	Referenced vertical \$\datum\$? Status	? Method of measurement	? Measuring \$\frac{1}{2}\$ agency	? Source of measurement	? Water- level approval status
1970-12-10		D	72019	239.77			1	Z			А
1976-01-14		D	72019	245.26			1	Z			А
1981-03-26		D	72019	247.59			1	Z			Α
1986-03-14		D	72019	248.71			1	Z			Α
1991-06-11		D	72019	250.81			1	Z			Α
1996-02-29		D	72019	253.49			1	S			А

Explanation

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

<u>Questions or Comments</u> <u>Automated retrievals</u> <u>Help</u> <u>Data Tips</u> Explanation of terms Subscribe for system changes **News**

Accessibility Policies and Notices U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

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





Click forNews Bulletins

Groundwater levels for the Nation

■ Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320426103160501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320426103160501 26S.36E.04.2332

Lea County, New Mexico Latitude 32°04'25.8", Longitude 103°16'04.7" NAD83 Land-surface elevation 2,989 feet above NAVD88 The depth of the well is 5,300 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

Output formats

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

Date \$	Time \$? Water-level \$ date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above \$pecific vertical datum	Referenced vertical \$\phi\$ datum	? Status	? Method of measurement	? Measuring \$\frac{1}{2}\$ agency	? Source of measurement	? Water-level approval status
2012-11-29	20:00 UTC	m	72019	400.38			1	Т	USGS	S	А
2013-06-25	18:30 UTC	m	72019	396.16			1	Т	USGS	S	А
2013-09-10	17:45 UTC	m	72019	395.55			1	Т	USGS	S	Α
2013-12-03	20:10 UTC	m	72019	394.58			1	Т	USGS	S	Α
2014-03-18	17:35 UTC	m	72019	395.48			1	Т	USGS	S	Α
2014-07-01	18:15 UTC	m	72019	392.84			1	Т	USGS	S	Α
2014-09-30	17:55 UTC	m	72019	390.22			1	Т	USGS	S	Α
2014-12-02	18:40 UTC	m	72019	389.30			1	Т	USGS	S	Α
2015-03-27	19:00 UTC	m	72019	386.86			1	Т	USGS	S	А
2015-05-19	18:00 UTC	m	72019	384.66			1	Т	USGS	S	Α
2015-09-29	17:40 UTC	m	72019	380.93			1	Т	USGS	S	Α

Date \$	Time \$? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above \$pecific vertical datum	Referenced vertical \$\phi\$ datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level \$ approval status
2015-12-02	19:00 UTC	m	72019	380.37			1	Т	USGS	S	А
2016-03-21	21:40 UTC	m	72019	381.87			1	Т	USGS	S	А
2016-09-22	20:25 UTC	m	72019	379.10			1	Т	USGS	S	A
2016-12-13	19:45 UTC	m	72019	377.00			1	S	USBLM	А	А
2017-06-13	19:50 UTC	m	72019	368.99			1	S	USBLM	А	А
2017-10-19	20:35 UTC	m	72019	365.74			1	S	USBLM	А	А
2017-12-14	19:12 UTC	m	72019	366.03			1	V	USBLM	А	А
2018-03-27	18:44 UTC	m	72019	362.09			1	V	USBLM	А	А
2018-06-25	21:40 UTC	m	72019	360.32			1	V	USBLM	А	А
2018-10-29	19:10 UTC	m	72019	355.00			1	V	USBLM	А	А

Explanation

Section	Code \$	Description \$
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Т	Electric-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Measuring agency	USBLM	U.S. Bureau of Land Management
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	А	Reported by another government agency (do not use "A" if reported by owner, use "O").
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

<u>Questions or Comments</u> <u>Automated retrievals</u> Help
Data Tips
Explanation of terms Subscribe for system changes

News

Accessibility FOIA Privacy Policies and N
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels Privacy Policies and Notices

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

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

USA.gov

Appendix B Field Data & Soil Profile Log



Sample Log

Date:

11/01/21

Project:

Momentum 36 State SWD #1

Project Number:

15041

Latitude:

32.084114

Longitude:

-103.322372

Sample iD	PID/Odor	Chloride Conc.	GPS
5Pl@surface		72464	
SPIQI'	_	72464 - Old not no to let	
SP2 Q Surface	-	72464	
5PA Q1'		1276 - Did not sa to lab	
P3@Surface	_	>2464	
23/1		>2464 - 1 = no 500 o lab	
58460 Surface	-	>2464	
SMUAL	- 1	72464 . T. no yo to 1.	
NHI @ SUHACU NHI @	_	412	
NHIAI	-	372	
HIB SUVACE	-	196	
EHIAI	_	4112	
Ette Casucace	_	2112	
FH2QI'		2112	
EH3@Juface	- 1	2112	
H3@1'	_	2112	
		2112	
SHIGI'	-	2112	
SHAR SURFACE		196	
SH2@1'		4112	
WHLQSUARCE	_	196	
UH (Q)		196	٠
WH2@SURAQ		4112	
WHO BP	_	2112	
NH305USAR		2112	
NH3@11		2112	
SP1 (2)	_	72464 - Did ned go tolab	
SP1@3'	_	1816 - Find not age to las	
spa@a'	-	596 - 111/ Ast 30 to let	
CDA() 21	Person	1023 - DIN not go to lab	
SP3 ad'	-	1276 - Nich not go to ah	
SP3@3'	_	1976 - Did not go tolab	
504021		72464 - Die no- 10 to lat	
SP4@3'	-	72464 - 11d not sado late	
573@3' 573@3' 574@2' 574@3' 571@4'-R 572@4'-12	-	1028	
502041-12	A Park Co Service	1028	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

\$5P3 @4'-R 704 \$5P4 @4'-R 72461 Released to Imaging: 10/3/2023 9:59:52



Soil Profile

Date:

Project Number: 15041 Latitude: 32.084114 Depth (ft. bgs) Depth (ft. bgs) 1	Longitude:scription	-103.322372
1 Civi che 2 Top Soil 3	scrintion	
1 Civi che 2 Top Soil 3		
3	Scription	
3	Minital home and the construction of the control of	жинден-цэв-небе-(ацры)(с-са)) нэээжин анган нарадагаан анган хайгаан анган анган анган анган анган анган анган
4		жинных «принятий принятий при
5		
5		
6	MESSEERIN MARKEN MA	**************************************
10	THE PERSON OF TH	**************************************
10		ACRES MANAGEMENT AND
10		
10	GFTMATTATTET IN PROPERTY LAW TO AN	persystem, we specify the state of the state
11		
12 13 14 15 16 17 18		
12 13 14 15 16 17 18	<u>, 3,0099 33 310,03040,044 (14 910 304,0000,0000,00044) (1474 (13 33 37 33 33 33 33 33 3000,47 33 33 74 0000,003 33 44 23 33 33 4 23 33 33 4 23 33 33 4 23 33 33 4 23 33 33 4 23 33 33 4</u>	EDOCOCOCO POSICI DE ESPERANCO CO ESPERANCO DE SER DOCOS SER DOCOS SER DE CONTROL DE CONT
13 14 15 16 17 18 19	 	***************************************
14 15 16 17 18 19	enden 1790-tal ett 1211 1000 tal ett 1 tal	0000-000000000000000000000000000000000
15 16 17 18 19		NAMES AND ASSOCIATION OF THE STREET ASSOCIAT
16	CANTON OF THE LEGISLES OF THE PROPERTY OF THE)
17 18 19 20		
18 19 20 20 20 20 20 20 20 20 20 20 20 20 20		
20	CELESCOCIO CONTRACTORIO CONTRAC	NEISSEN TIN DER SOOMEN SER EER SOON MEER EIN DE SOON MEER EER EER SOON MEER EER SOON MEER EER SOON MEER EER SO Neissen Tin De Soon Meer Eer Soon Meer E
20	raftam tininumphudfufuhbisilisilisatisasiitiksiitiksiitinam ma	
20		SANTAS INCOMENTALIS (CONTRACTOR IN THE SANTAS IN THE SANTA
		THE RESERVE OF THE PROPERTY OF
21		Andrews and the second
NO SOCIAL DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DE L	######################################	
22		
23	шигун (шишинирынштиштогы сешичулиптыры сыны сыны	·
24	ss pier modern form priest martint na et middle in a hillendrim middicherun andreja hi muorolef una en diarrenda	
25		CHIPPONING CHIPPONING CHIPPONING CONTROL CONTR
——————————————————————————————————————		The second secon
26	arassaaanaraanaraanaraanaraanaraanaraan	
27	***************************************	
28		
29	4.6.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	
30		
31	***************************************	NAMED TO THE OWN OF THE OWN OF THE OWN OF THE OWN OF THE OWN OWN OF THE OWN OWN OF THE OWN OWN OF THE OWN OWN OWN OF THE OWN
32		ACCORDINATION OF THE PROPERTY
33		
34		
35	попанияминичновом маничновом приментично	AND ASSESSMENT OF THE DEPARTMENT OF THE PROPERTY OF THE PROPER
36	***************************************	**************************************
37		BANKER PARTIE DIE STREET EINE STELLE FERBESTELLE FERBESTELLE DAMMEN DE SONOON TOTTE LE LE FORT TETET TELEFONNE DE LE DAMME DE SONOON TE LE DAMME DE LE FORT TE LE FOR
	**************************************	73 75 75 75 75 75 75 75 75 75 75 75 75 75
38	anderstonessentia a a d'Esta a a féil i a a a dtúig leif lei de shi de shi de shi de shi dha an da dha a féil a a a feil a a feil a a feil a a feil a a a a a a a a a a a a a a a a a a a	
39		
40		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII

Appendix C Photographic Log

Photo Number:

1

Photo Direction: South

Photo Description:

View of the affected area.



Photo Number:

2

Photo Direction: South-Southeast

Photo Description:



Photo Number:

3

Photo Direction: North-Northwest

Photo Description:

View of the affected area.



Photo Number:

4

Photo Direction:

North-Northeast

Photo Description:



Photo Number:

5

Photo Direction: East-Northeast

Photo Description:

View of the affected area.



Photo Number:

6

Photo Direction:

North

Photo Description:



Photo Number: 7

Photo Direction: Southwest

Photo Description:

View of the affected area.



Photo Number:

8

Photo Direction: Southeast

Photo Description:



Photo Number:

9

Photo Direction: East-Southeast

Photo Description:

View of the affected area.



Photo Number:

10

Photo Direction: South-Southeast

Photo Description:



Photo Number:

11

Photo Direction: Southeast

Photo Description:

View of the affected area.



Photo Number:

12

Photo Direction:

Northwest

Photo Description:



Photo Number:

13

Photo Direction:

North

Photo Description:

View of the excavated area.



Photo Number:

14

Photo Direction:

Northwest

Photo Description:

View of the excavated area.



Photo Number:

15

Photo Direction:Southeast

Photo Description:

View of the excavated area.

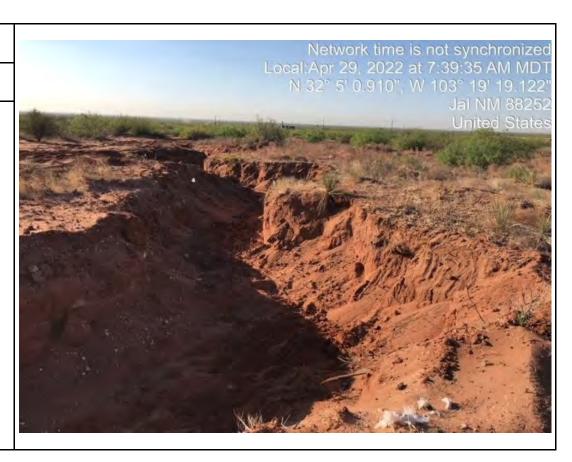


Photo Number:

16

Photo Direction: Southeast

Photo Description:

View of the excavated area.



Photo Number:

17

Photo Direction:Southeast

Photo Description:

View of the excavated area.



Photo Number:

18

Photo Direction:

Northwest

Photo Description:

View of the excavated area.

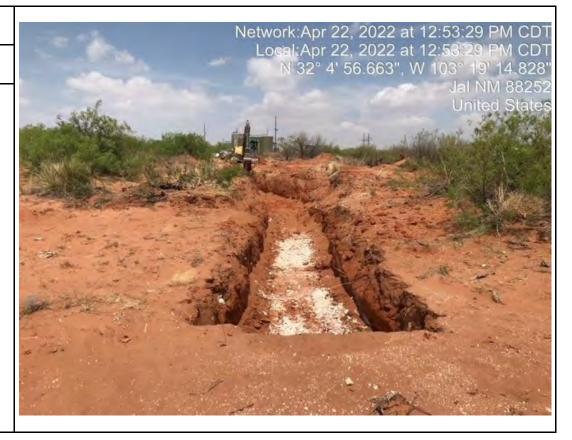


Photo Number:

19

Photo Direction:

South

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

20

Photo Direction:

Southeast

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

21

Photo Direction:

Southeast

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

22

Photo Direction:

Southeast

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number: 23

Photo Direction: Southeast

Photo Description:

View of the remediated area after backfill and regrading.



Appendix D Laboratory Analytical Reports



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-7917-1

Laboratory Sample Delivery Group: Rural Lea Co, NM Client Project/Site: Momentum 36 State SWD #1

For:

Etech Environmental & Safety Solutions PO BOX 62228 Midland, Texas 79711

Attn: Joel Lowry

MAMER

Authorized for release by: 11/11/2021 1:27:09 PM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

.....LINKS

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 10/3/2023 9:59:52 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

3

5

6

8

12

13

н

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1 Laboratory Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	25
QC Sample Results	27
QC Association Summary	34
Lab Chronicle	40
Certification Summary	48
Method Summary	49
Sample Summary	50
Chain of Custody	51
Receipt Checklists	54

Definitions/Glossary

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Qualifiers

GC VOA Qualifier

F1 MS and/or MSD recovery exceeds control limits.

F2 MS/MSD RPD exceeds control limits

Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid **CFU** Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Xenco, Midland

Case Narrative

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1 Job ID: 880-7917-1 SDG: Rural Lea Co, NM

2

Job ID: 880-7917-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-7917-1

Receipt

The samples were received on 11/3/2021 11:11 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-11387 and analytical batch 880-11469 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Л

4

6

O

8

9

12

13

114

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Client Sample ID: NH1 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Lab Sample ID: 880-7917-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 22:37	1
Toluene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 22:37	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 22:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/04/21 22:37	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 22:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/04/21 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/03/21 15:14	11/04/21 22:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/03/21 15:14	11/04/21 22:37	1
Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel	Range Organic	s (DRO) (0	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		U	49.9		mg/Kg			11/09/21 16:19	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 10:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 10:53	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				11/03/21 16:04	11/04/21 10:53	1
o-Terphenyl	93		70 - 130				11/03/21 16:04	11/04/21 10:53	1

	nromatograp	hy - Solub	le						
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		4.99		mg/Kg			11/10/21 08:03	1

Client Sample ID: NH1 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 22:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 22:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 22:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/21 15:14	11/04/21 22:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 22:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/21 15:14	11/04/21 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/03/21 15:14	11/04/21 22:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/03/21 15:14	11/04/21 22:57	1

Eurofins Xenco, Midland

Lab Sample ID: 880-7917-2

Matrix: Solid

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Client Sample ID: NH1 @ 1'

Da Date Received: 11/03/21 11:11

Sample Depth: 1'

Client Sample ID: NH1 @ 1'	Lab Sample ID: 880-7917-2
Pate Collected: 11/01/21 00:00	Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/10/21 11:00	1
_ Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/09/21 16:19	1
_ Method: 8015B NM - Diesel R	ange Organ	ice (DRO)	(GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 11:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 11:55	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				11/03/21 16:04	11/04/21 11:55	1
o-Terphenyl	91		70 - 130				11/03/21 16:04	11/04/21 11:55	1
Method: 300.0 - Anions, Ion C	hromatogra	ıphy - Solι	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

4.98

mg/Kg

mg/Kg

54.4

<50.0 U

Client Sample ID: EH1 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Chloride

Lab Sample ID: 880-7917-3 **Matrix: Solid**

11/10/21 08:11

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:18	1
Toluene	0.00308		0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:18	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/04/21 23:18	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/04/21 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				11/03/21 15:14	11/04/21 23:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/03/21 15:14	11/04/21 23:18	1
Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel I	Range Organic	s (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/09/21 16:19	1
Method: 8015B NM - Diese	I Range Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Xenco, Midland

11/03/21 16:04 11/04/21 12:15

50.0

Gasoline Range Organics

(GRO)-C6-C10

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Client Sample ID: EH1 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11 Lab Sample ID: 880-7917-3

Lab Sample ID: 880-7917-4

Matrix: Solid

Matrix: Solid

1
1
Dil Fac
1
1
-

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.6	4.95	mg/Kg			11/10/21 08:19	1

Client Sample ID: EH1 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

	Method: 8021B -	Volatile	Organic (Compounds	(GC)	
--	-----------------	----------	-----------	-----------	------	--

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198 U	J	0.00198		mg/Kg		11/03/21 15:14	11/04/21 23:38	1
Toluene	<0.00198 L	J	0.00198		mg/Kg		11/03/21 15:14	11/04/21 23:38	1
Ethylbenzene	<0.00198 L	J	0.00198		mg/Kg		11/03/21 15:14	11/04/21 23:38	1
m-Xylene & p-Xylene	<0.00397 L	j	0.00397		mg/Kg		11/03/21 15:14	11/04/21 23:38	1
o-Xylene	<0.00198 L	J	0.00198		mg/Kg		11/03/21 15:14	11/04/21 23:38	1
Xylenes, Total	<0.00397 L	J	0.00397		mg/Kg		11/03/21 15:14	11/04/21 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/03/21 15:14	11/04/21 23:38	1
1,4-Difluorobenzene (Surr)	104		70 - 130	11/03/21 15:14	11/04/21 23:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg	_		11/10/21 11:00	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			11/09/21 16:19	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	KL	MDL UN	Ιτ	ט	Prepared	Anaiyzea	DII Fac
Gasoline Range Organics	<50.0	U	50.0	mg	/Kg	_	11/03/21 16:04	11/04/21 12:36	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	mg	/Kg		11/03/21 16:04	11/04/21 12:36	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg	/Kg		11/03/21 16:04	11/04/21 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	11/03/21 16:04	11/04/21 12:36	1
o-Terphenyl	95		70 - 130	11/03/21 16:04	11/04/21 12:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5	4.99	mg/Kg			11/10/21 08:26	1

Eurofins Xenco, Midland

3

+

6

8

9

11

13

Client: Etech Environmental & Safety Solutions

Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1

SDG: Rural Lea Co, NM

Client Sample ID: EH2 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11 Lab Sample ID: 880-7917-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:59	1
Toluene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:59	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/04/21 23:59	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/04/21 23:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/04/21 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				11/03/21 15:14	11/04/21 23:59	1
1,4-Difluorobenzene (Surr)	109		70 - 130				11/03/21 15:14	11/04/21 23:59	1
Method: Total BTEX - Total	l BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel I	Range Organic	s (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/09/21 16:19	1

Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 12:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 12:59	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				11/03/21 16:04	11/04/21 12:59	1
o-Terphenyl	83		70 - 130				11/03/21 16:04	11/04/21 12:59	1

 Method: 300.0 - Anions, Ion C	hromatography - Solubl	le					
Analyte	Result Qualifier	RL	MDL Un	nit D	Prepared	Analyzed	Dil Fac
Chloride	11.1	5.04	mg	g/Kg		11/10/21 08:49	1

Client Sample ID: EH2 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:14	11/05/21 00:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:14	11/05/21 00:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:14	11/05/21 00:19	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/03/21 15:14	11/05/21 00:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:14	11/05/21 00:19	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/03/21 15:14	11/05/21 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				11/03/21 15:14	11/05/21 00:19	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/03/21 15:14	11/05/21 00:19	1

Eurofins Xenco, Midland

Lab Sample ID: 880-7917-6

Matrix: Solid

2

Л

_

9

11

13

14

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

11/03/21 16:04 11/04/21 13:20

Client Sample ID: EH2 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

Lab Sample ID: 880-7917-6 Matrix: Solid

Method: Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00397 U 11/10/21 11:00 0.00397 mg/Kg Method: 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac D Total TPH <50.0 U 50.0 mg/Kg 11/09/21 16:19 Method: 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit **Analyte** D Prepared Analyzed Dil Fac <50.0 U 50.0 11/03/21 16:04 11/04/21 13:20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 11/03/21 16:04 11/04/21 13:20 C10-C28)

%Recovery Qualifier Dil Fac Surrogate Limits Prepared Analyzed 1-Chlorooctane 83 70 - 130 11/03/21 16:04 11/04/21 13:20 87 70 - 130 11/03/21 16:04 11/04/21 13:20 o-Terphenyl

50.0

mg/Kg

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL

<50.0 U

Dil Fac **MDL** Unit D Prepared Analyzed Chloride 7.49 5.00 mg/Kg 11/10/21 08:57 Lab Sample ID: 880-7917-7

Client Sample ID: EH3 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Oll Range Organics (Over C28-C36)

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.00198 U 0.00198 mg/Kg 11/03/21 15:14 11/05/21 00:39 Toluene <0.00198 U 0.00198 11/05/21 00:39 mg/Kg 11/03/21 15:14 <0.00198 U 0.00198 mg/Kg 11/03/21 15:14 11/05/21 00:39 Ethylbenzene m-Xylene & p-Xylene <0.00396 U 0.00396 mg/Kg 11/03/21 15:14 11/05/21 00:39 o-Xylene <0.00198 U 0.00198 mg/Kg 11/03/21 15:14 11/05/21 00:39 Xylenes, Total <0.00396 U 0.00396 mg/Kg 11/03/21 15:14 11/05/21 00:39

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 100 70 - 130 11/03/21 15:14 11/05/21 00:39 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 71 70 - 130 11/03/21 15:14 11/05/21 00:39

Method: Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Total BTEX <0.00396 U 0.00396 11/10/21 11:00 mg/Kg

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Total TPH <49.8 U 49.8 11/09/21 16:19 mg/Kg

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte Result Qualifier MDL Unit RL D Prepared Analyzed Dil Fac <49.8 U 498 11/03/21 16:04 11/04/21 13:41 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

Eurofins Xenco, Midland

Matrix: Solid

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Client Sample ID: EH3 @ Surface

Lab Sample ID: 880-7917-7

Date Collected: 11/01/21 00:00 **Matrix: Solid** Date Received: 11/03/21 11:11

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 13:41	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				11/03/21 16:04	11/04/21 13:41	1
o-Terphenyl	89		70 - 130				11/03/21 16:04	11/04/21 13:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Chloride 7.98 4.95 mg/Kg 11/10/21 09:05

Client Sample ID: EH3 @ 1'

Lab Sample ID: 880-7917-8 Date Collected: 11/01/21 00:00

Matrix: Solid

Date Received: 11/03/21 11:11

Sample Depth: 1'

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U	J	0.00200		mg/Kg		11/03/21 15:14	11/05/21 01:00	1
Toluene	<0.00200 L	J	0.00200		mg/Kg		11/03/21 15:14	11/05/21 01:00	1
Ethylbenzene	<0.00200 L	J	0.00200		mg/Kg		11/03/21 15:14	11/05/21 01:00	1
m-Xylene & p-Xylene	<0.00400 L	j	0.00400		mg/Kg		11/03/21 15:14	11/05/21 01:00	1
o-Xylene	<0.00200 L	J	0.00200		mg/Kg		11/03/21 15:14	11/05/21 01:00	1
Xylenes, Total	<0.00400 L	J	0.00400		mg/Kg		11/03/21 15:14	11/05/21 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	11/03/21 15:14	11/05/21 01:00	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/03/21 15:14	11/05/21 01:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg	_		11/10/21 11:00	1

Method: 8015 NM - Diesel Ran	ge Organics (DRO) (GC)						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	į
Total TPH	<50.0 U	50.0	ma/Ka			11/09/21 16:19	1	

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

		()	(/						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 14:02	1
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 14:02	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				11/03/21 16:04	11/04/21 14:02	1

<u> </u>	•		•	•	
1-Chlorooctane	96	70 - 130	11/03/21 16:04	11/04/21 14:02	1
o-Terphenyl	103	70 - 130	11/03/21 16:04	11/04/21 14:02	1
		0.1.1.1.			

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.63	4.97	mg/Kg			11/10/21 09:12	1

Eurofins Xenco, Midland

Client: Etech Environmental & Safety Solutions

Job ID: 880-7917-1

Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Client Sample ID: SH1 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11 Lab Sample ID: 880-7917-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/05/21 01:20	1
Toluene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/05/21 01:20	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/05/21 01:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/05/21 01:20	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:14	11/05/21 01:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:14	11/05/21 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/03/21 15:14	11/05/21 01:20	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/03/21 15:14	11/05/21 01:20	1

 Analyte
 Result
 Qualifier
 RL
 MDL unit
 D Prepared
 Analyzed
 Dil Factor

 Total BTEX
 <0.00398</td>
 U
 0.00398
 mg/Kg
 11/10/21 11:00
 11/10/21 11:00

Method. 6015 MM - Dieser Kar	ige Organic	א) (שאש) פ	3 C)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/09/21 16:19	1

Method: 8015B NM - Diesel F	Range Organic	s (DRO) (G	iC)						
Analyte	Result Q	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9 U	J –	49.9		mg/Kg		11/03/21 16:04	11/04/21 14:22	1

 Diesel Range Organics (Over
 <49.9</th>
 U
 49.9
 mg/Kg
 11/03/21 16:04
 11/04/21 14:22

 C10-C28)
 Oll Range Organics (Over C28-C36)
 <49.9</td>
 U
 49.9
 mg/Kg
 11/03/21 16:04
 11/04/21 14:22

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	11/03/21 16:04	11/04/21 14:22	1
o-Terphenyl	92		70 - 130	11/03/21 16:04	11/04/21 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D)	Prepared	Analyzed	Dil Fac
Chloride	7.45		4.98		mg/Kg				11/10/21 09:20	1

Client Sample ID: SH1 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:57	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:57	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:57	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401		mg/Kg		11/03/21 15:23	11/05/21 04:57	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:57	1
Xylenes, Total	<0.00401	U F2 F1	0.00401		mg/Kg		11/03/21 15:23	11/05/21 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				11/03/21 15:23	11/05/21 04:57	1
1,4-Difluorobenzene (Surr)	103		70 - 130				11/03/21 15:23	11/05/21 04:57	1

Eurofins Xenco, Midland

Lab Sample ID: 880-7917-10

2

3

5

8

10

12

13

Matrix: Solid

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1 Job ID: 880-7917-1 SDG: Rural Lea Co, NM

SDG: Rural Lea Co, NM

Client Sample ID: SH1 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

Lab	Samp	le	ID:	8	80)-7	79	17	-1	C)
								_	-		

Matrix: Solid

EX Calcula	tion							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00401	U	0.00401		mg/Kg			11/10/21 11:00	1
ge Organic	s (DRO) (0	GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg			11/09/21 16:19	1
nge Organ	ics (DRO)	(GC)						
•		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 14:42	1
<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 14:42	1
<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 14:42	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
90		70 - 130				11/03/21 16:04	11/04/21 14:42	1
97		70 - 130				11/03/21 16:04	11/04/21 14:42	1
aromotoaro	nhy Soli	ıblo						
	Result <0.00401 ge Organic Result <49.9 Inge Organ Result <49.9 <49.9 <49.9 %Recovery 90 97	Result Qualifier	Result Qualifier RL	Result Qualifier RL 0.00401	Result Qualifier RL MDL Unit mg/Kg D Prepared Analyzed 11/10/21 11:00			

4.95

mg/Kg

mg/Kg

Client Sample ID: SH2 @ Surface

13.1

<49.9 U

Date Collected: 11/01/21 00:00
Date Received: 11/03/21 11:11

Chloride

Lab Sample ID: 880-7917-11

11/10/21 09:28

Matrix: Solid

Method: 8021B - Volatile Orç Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg	_ =	11/03/21 15:23	11/05/21 05:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 05:17	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 05:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 05:17	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 05:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				11/03/21 15:23	11/05/21 05:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/03/21 15:23	11/05/21 05:17	1
Method: Total BTEX - Total B	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel R	ange Organic	s (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/09/21 16:19	1
Method: 8015B NM - Diesel	Range Organi	ics (DRO) ((GC)						
	3 3	Qualifier	•	MDL	Unit				Dil Fac

Eurofins Xenco, Midland

11/03/21 16:04 11/04/21 15:24

49.9

Gasoline Range Organics

(GRO)-C6-C10

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Job ID: 880-7917-1

Client Sample ID: SH2 @ Surface Lab Sample ID: 880-7917-11 Date Collected: 11/01/21 00:00

Matrix: Solid

Date Received: 11/03/21 11:11

Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC) (Contin	ued)				
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		11/03/21 16:04	11/04/21 15:24	1
C10-C28)								
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/03/21 16:04	11/04/21 15:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130			11/03/21 16:04	11/04/21 15:24	1
o-Terphenyl	95		70 - 130			11/03/21 16:04	11/04/21 15:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac Chloride 29.1 5.04 mg/Kg 11/10/21 09:51

Client Sample ID: SH2 @ 1' Lab Sample ID: 880-7917-12

Date Collected: 11/01/21 00:00 **Matrix: Solid**

Method: 8021B - Volatile O	rganic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 05:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 05:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 05:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/21 15:23	11/05/21 05:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 05:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/21 15:23	11/05/21 05:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				11/03/21 15:23	11/05/21 05:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130				11/03/21 15:23	11/05/21 05:37	1
Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/10/21 11:00	1

Method: 8015 NM - Diesel F	Range Organic	s (DRO) (GC	5)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/09/21 16:19	1
_ Г., ., , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
Method: 8015B NM - Diesel		cs (DRO) (G	iC)	MDI			Duenened	A a b a d	D:: F

Method: 8015B NM - Diesel R	Method: 8015B NM - Diesel Range Organics (DRO) (GC)												
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac				
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 15:44	1				
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 15:44	1				
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 15:44	1				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac				
1-Chlorooctane	88		70 - 130				11/03/21 16:04	11/04/21 15:44	1				
o-Terphenvl	95		70 - 130				11/03/21 16:04	11/04/21 15:44	1				

Method: 300.0 - Anions, Ion Cl	hromatography - Soluk	ole					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.10	5.01	ma/Ka			11/10/21 09:58	1

Eurofins Xenco, Midland

Page 13 of 54

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Client Sample ID: WH1 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Lab Sample ID: 880-7917-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 05:58	1
Toluene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 05:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 05:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 05:58	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 05:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				11/03/21 15:23	11/05/21 05:58	1
1,4-Difluorobenzene (Surr)	97		70 - 130				11/03/21 15:23	11/05/21 05:58	1
Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/21 11:00	1

Diesel Range Organics (DRO) (GC) RL MDL Unit Prepared Analyzed Dil Fac Analyte Result Qualifier Total TPH <49.9 U 11/09/21 16:19 49.9 mg/Kg

Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 16:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 16:04	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				11/03/21 16:04	11/04/21 16:04	1
o-Terphenyl	95		70 - 130				11/03/21 16:04	11/04/21 16:04	1

ſ	 Method: 300.0 - Anions, Ion Ch	hromatograp	hy - Solubl	e						
	Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	69.1		5.00		mg/Kg			11/10/21 10:21	1

Client Sample ID: WH1 @ 1' Lab Sample ID: 880-7917-14 Date Collected: 11/01/21 00:00

Date Received: 11/03/21 11:11

Sample Depth: 1'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:18	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/03/21 15:23	11/05/21 06:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:18	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/03/21 15:23	11/05/21 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/03/21 15:23	11/05/21 06:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/03/21 15:23	11/05/21 06:18	1

Eurofins Xenco, Midland

Matrix: Solid

Matrix: Solid

Lab Sample ID: 880-7917-14

11/03/21 16:04 11/04/21 16:25

11/10/21 10:29

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Client Sample ID: WH1 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

1-Chlorooctane

Chloride

Method: Total BTEX - Total BTE	X Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			11/10/21 11:00	1

Method: 8015 NM - Diesel Ran	ge Organic	s (DRO) (0	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/09/21 16:19	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		11/03/21 16:04	11/04/21 16:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/03/21 16:04	11/04/21 16:25	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/03/21 16:04	11/04/21 16:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

o-Terphenyl	93	70 - 130			11/03/21 16:04	11/04/21 16:25	1
Method: 300.0 - Anions, Ion Chro	omatography - Solubl	е					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

5.02

mg/Kg

mg/Kg

70 - 130

89

9.91

<50.0 U

Client Sample ID: WH2 @ Surface	Lab Sample ID: 880-7917-15
Date Collected: 11/01/21 00:00	Matrix: Solid
Date Received: 11/03/21 11:11	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:39	1
m-Xylene & p-Xylene	< 0.00396	U	0.00396		mg/Kg		11/03/21 15:23	11/05/21 06:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 06:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/03/21 15:23	11/05/21 06:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				11/03/21 15:23	11/05/21 06:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/03/21 15:23	11/05/21 06:39	1
Method: Total BTEX - Tota	I BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel	Range Organic	s (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/09/21 16:19	1
Method: 8015B NM - Diese	I Range Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Xenco, Midland

11/03/21 16:04 11/04/21 16:45

50.0

Gasoline Range Organics

(GRO)-C6-C10

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Client Sample ID: WH2 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Lab Sample ID: 880-7917-15

Lab Sample ID: 880-7917-16

Matrix: Solid

Matrix: Solid

Job ID: 880-7917-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 16:45	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				11/03/21 16:04	11/04/21 16:45	1
o-Terphenyl	89		70 - 130				11/03/21 16:04	11/04/21 16:45	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7	4.98	mg/Kg			11/10/21 10:37	1

Client Sample ID: WH2 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 1'

Analyte	Result Q	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202 U	J	0.00202		mg/Kg		11/03/21 15:23	11/05/21 06:59	1
Toluene	<0.00202 U	J	0.00202		mg/Kg		11/03/21 15:23	11/05/21 06:59	1
Ethylbenzene	<0.00202 U	J	0.00202		mg/Kg		11/03/21 15:23	11/05/21 06:59	1
m-Xylene & p-Xylene	<0.00403 U	J	0.00403		mg/Kg		11/03/21 15:23	11/05/21 06:59	1
o-Xylene	<0.00202 U	J	0.00202		mg/Kg		11/03/21 15:23	11/05/21 06:59	1
Xylenes, Total	<0.00403 U	J	0.00403		mg/Kg		11/03/21 15:23	11/05/21 06:59	1

Surrogate	%Recovery Quali	ifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83	70 - 130	11/03/21 15:23	11/05/21 06:59	1
1,4-Difluorobenzene (Surr)	80	70 - 130	11/03/21 15:23	11/05/21 06:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			11/10/21 11:00	1

Method: 8015 NM - Diesel Range	Organics (DRO) (GC)
--------------------------------	---------------------

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			11/09/21 16:19	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 17:05	1
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 17:05	1
C10-C28) Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/03/21 16:04	11/04/21 17:05	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82	70 - 130	11/03/21 16:04	11/04/21 17:05	1
o-Terphenyl	88	70 - 130	11/03/21 16:04	11/04/21 17:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.03	4.97	mg/Kg			11/10/21 10:44	1

Eurofins Xenco, Midland

Client: Etech Environmental & Safety Solutions

Job ID: 880-7917-1

Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Client Sample ID: WH3 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11 Lab Sample ID: 880-7917-17

11/03/21 16:04 11/04/21 17:25

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 07:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 07:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 07:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/03/21 15:23	11/05/21 07:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 07:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/03/21 15:23	11/05/21 07:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				11/03/21 15:23	11/05/21 07:19	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/03/21 15:23	11/05/21 07:19	1

Method: Total BTEX - Total BTEX Calculation

 Analyte
 Result Total BTEX
 Qualifier Qualifier U
 RL 0.00401
 MDL mit mg/Kg
 Unit mg/Kg
 D mg/Kg
 Prepared 11/10/21 11:00
 Analyzed 11/10/21 11:00
 Dil Fac 11/10/21 11:00

Method: 8015 NM - Diesel Rang	ge Organic	s (DRO) (G	iC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/09/21 16:19	1

Method: 8015B NM - Diesel F	Range Organi	cs (DRO) (0	GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		11/03/21 16:04	11/04/21 17:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/03/21 16:04	11/04/21 17:25	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77	70 - 130	11/03/21 16:04	11/04/21 17:25	1
o-Terphenyl	83	70 - 130	11/03/21 16:04	11/04/21 17:25	1

49.9

mg/Kg

<49.9 U

Method: 300.0 - Anions, Ion C	hromatography - Solub	le					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4	4.95	ma/Ka			11/10/21 10:52	

Client Sample ID: WH3 @ 1'

Date Collected: 11/01/21 00:00

Lab Sample ID: 880-7917-18

Matrix: Solid

Date Received: 11/03/21 11:11

Oll Range Organics (Over C28-C36)

Sample Depth: 1'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 07:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 07:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 07:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/03/21 15:23	11/05/21 07:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 07:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/03/21 15:23	11/05/21 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/03/21 15:23	11/05/21 07:40	1
1,4-Difluorobenzene (Surr)	97		70 - 130				11/03/21 15:23	11/05/21 07:40	1

Eurofins Xenco, Midland

-

3

F

0

8

10

12

13

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

11/03/21 16:04 11/04/21 17:46

Client Sample ID: WH3 @ 1'

Lab Sample ID: 880-7917-18 Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Matrix: Solid

Job ID: 880-7917-1

Sample Depth: 1'

o-Terphenyl

Method: Total BTEX - Total BTE	EX Calculation	n							
Analyte	Result Qu	ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402 U	0.0	0402		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel Rang	ne Organics (DRO) (GC)							
Analyte	Result Qu	, , ,	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Method: 8015 NM - Diesei Rar	ige Organics (DRO) (GC	·)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			11/09/21 16:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 17:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 17:46	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				11/03/21 16:04	11/04/21 17:46	1

Method: 300.0 - Anions, Ion Ch	romatogra	phy - Solu	ble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		4.95		mg/Kg			11/10/21 18:32	1

70 - 130

Client Sample ID: SP1 @ Surface Lab Sample ID: 880-7917-19

99

<49.9 U

Date Collected: 11/01/21 00:00 **Matrix: Solid**

Date Received: 11/03/21 11:11

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 08:00	1
Toluene	< 0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 08:00	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 08:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/03/21 15:23	11/05/21 08:00	1
o-Xylene	< 0.00201	U	0.00201		mg/Kg		11/03/21 15:23	11/05/21 08:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/03/21 15:23	11/05/21 08:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				11/03/21 15:23	11/05/21 08:00	1
1,4-Difluorobenzene (Surr)	117		70 - 130				11/03/21 15:23	11/05/21 08:00	1
Method: Total BTEX - Tota	I BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel	Range Organic	s (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/09/21 16:19	1
Method: 8015B NM - Diese	l Range Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Xenco, Midland

11/03/21 16:04 11/04/21 18:06

49.9

mg/Kg

Gasoline Range Organics

(GRO)-C6-C10

Client: Etech Environmental & Safety Solutions

Job ID: 880-7917-1

Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Client Sample ID: SP1 @ Surface

Date Collected: 11/01/21 00:00

Lab Sample ID: 880-7917-19 Matrix: Solid

Date Received: 11/03/21 11:11

Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC) (Contin	ued)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 18:06	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 16:04	11/04/21 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				11/03/21 16:04	11/04/21 18:06	1
o-Terphenyl	96		70 - 130				11/03/21 16:04	11/04/21 18:06	1

Method: 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacChloride25700252mg/Kg11/10/21 18:5550

Client Sample ID: SP1 @ 4'-R

Lab Sample ID: 880-7917-20

Date Collected: 11/01/21 00:00 Matrix: Solid
Date Received: 11/03/21 11:11

Sample Depth: 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 09:50	
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 09:50	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 09:50	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/03/21 15:23	11/05/21 09:50	
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 09:50	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/03/21 15:23	11/05/21 09:50	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	117		70 - 130				11/03/21 15:23	11/05/21 09:50	
1,4-Difluorobenzene (Surr)	102		70 - 130				11/03/21 15:23	11/05/21 09:50	
Method: Total BTEX - Total B	TEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/10/21 11:00	
Method: 8015 NM - Diesel Ra	nge Organic	s (DRO) (0	SC)						
Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
Analyte	•	Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 11/09/21 16:19	
Analyte Total TPH	Result <49.8	Qualifier U	RL 49.8	MDL		<u>D</u>	Prepared		
Analyte Total TPH Method: 8015B NM - Diesel R Analyte	Result <49.8 ange Organ Result	Qualifier U ics (DRO) Qualifier	RL 49.8 (GC)	MDL	mg/Kg	<u>D</u>	Prepared	11/09/21 16:19 Analyzed	
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics	Result <49.8	Qualifier U ics (DRO) Qualifier	RL 49.8		mg/Kg			11/09/21 16:19	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8 ange Organ Result	Qualifier U ics (DRO) Qualifier U	RL 49.8 (GC)		mg/Kg Unit		Prepared	11/09/21 16:19 Analyzed	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8 ange Organ Result <49.8	Qualifier U ics (DRO) Qualifier U	(GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 11/03/21 16:04 11/03/21 16:04	11/09/21 16:19 Analyzed 11/04/21 18:25	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U ics (DRO) Qualifier U U	RL 49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/03/21 16:04 11/03/21 16:04	11/09/21 16:19 Analyzed 11/04/21 18:25 11/04/21 18:25	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	Result	Qualifier U ics (DRO) Qualifier U U	RL 49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/03/21 16:04 11/03/21 16:04 11/03/21 16:04	Analyzed 11/04/21 18:25 11/04/21 18:25 11/04/21 18:25	Dil Fa
Method: 8015 NM - Diesel Ra Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <49.8	Qualifier U ics (DRO) Qualifier U U	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/03/21 16:04 11/03/21 16:04 11/03/21 16:04 Prepared 11/03/21 16:04	Analyzed 11/04/21 18:25 11/04/21 18:25 11/04/21 18:25 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane p-Terphenyl	Result <49.8	Qualifier U CS (DRO) Qualifier U U U Qualifier	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/03/21 16:04 11/03/21 16:04 11/03/21 16:04 Prepared 11/03/21 16:04	Analyzed 11/04/21 18:25 11/04/21 18:25 11/04/21 18:25 Analyzed 11/04/21 18:25	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.8 ange Organ Result <49.8 <49.8 <49.8 %Recovery 91 100 Chromatogra	Qualifier U CS (DRO) Qualifier U U U Qualifier	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 11/03/21 16:04 11/03/21 16:04 11/03/21 16:04 Prepared 11/03/21 16:04	Analyzed 11/04/21 18:25 11/04/21 18:25 11/04/21 18:25 Analyzed 11/04/21 18:25	Dil Fac

Eurofins Xenco, Midland

11/10/21 19:02

249

mg/Kg

24800

50

2

3

0

0

A (

11

13

Chloride

Client: Etech Environmental & Safety Solutions

Job ID: 880-7917-1

Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Client Sample ID: SP2 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11 Lab Sample ID: 880-7917-21

11/03/21 13:58 11/04/21 14:02

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 10:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 10:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				11/03/21 15:23	11/05/21 10:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130				11/03/21 15:23	11/05/21 10:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			11/10/21 11:00	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)								
	Analyte	Result Qualif	ier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<49.9 U	49.9	mg/Kg			11/09/21 16:19	1

Method: 8015B NM - Diesel R Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 14:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 14:02	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				11/03/21 13:58	11/04/21 14:02	1

_ Method: 300.0 - Anions, Ion Cl	nromatography	- Soluble						
Analyte	Result Quali	ifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	556	4.95		mg/Kg			11/10/21 19:09	1

70 - 130

Client Sample ID: SP2 @ 4'-R Lab Sample ID: 880-7917-22

Date Collected: 11/01/21 00:00
Date Received: 11/03/21 11:11

100

Sample Depth: 4'

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 10:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 10:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 10:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/03/21 15:23	11/05/21 10:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 10:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/03/21 15:23	11/05/21 10:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/03/21 15:23	11/05/21 10:30	1
1,4-Difluorobenzene (Surr)	106		70 - 130				11/03/21 15:23	11/05/21 10:30	1

Eurofins Xenco, Midland

5

J

4.6

11

13

Matrix: Solid

Date Received: 11/03/21 11:11

Client Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

11/03/21 13:58 11/04/21 14:22

Client Sample ID: SP2 @ 4'-R Lab Sample ID: 880-7917-22 Date Collected: 11/01/21 00:00

Matrix: Solid

Sample Depth: 4'

o-Terphenyl

Method: Total BTEX - Total B	ΓEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel Rai	nge Organic	s (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/09/21 16:19	1
Analyte		Qualifier	RL _	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015B NM - Diesel R Analyte			• •	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		11/03/21 13:58	11/04/21 14:22	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		11/03/21 13:58	11/04/21 14:22	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/21 13:58	11/04/21 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				11/03/21 13:58	11/04/21 14:22	

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 539 4.97 mg/Kg 11/10/21 19:17 Lab Sample ID: 880-7917-23

70 - 130

Client Sample ID: SP3 @ Surface

Date Collected: 11/01/21 00:00

Date Received: 11/03/21 11:11

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:51	1
Toluene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:51	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 10:51	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 10:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 10:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				11/03/21 15:23	11/05/21 10:51	1
1,4-Difluorobenzene (Surr)	105		70 - 130				11/03/21 15:23	11/05/21 10:51	1
Method: Total BTEX - Tota	I BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel	Range Organic	s (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/09/21 16:19	1
Method: 8015B NM - Diese	l Range Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Xenco, Midland

Matrix: Solid

11/11/2021

(GRO)-C6-C10

Date Received: 11/03/21 11:11

Client Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1 Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Lab Sample ID: 880-7917-23

Client Sample ID: SP3 @ Surface Lab Sample
Date Collected: 11/01/21 00:00

Matrix: Solid

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		11/03/21 13:58	11/04/21 14:42	1
C10-C28) Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/03/21 13:58	11/04/21 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				11/03/21 13:58	11/04/21 14:42	1
o-Terphenyl	86		70 - 130				11/03/21 13:58	11/04/21 14:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Unit mg/Kg D Prepared Analyzed Dil Fac

Thoride 7410 99.8 Dil Fac

Thoride 200.0 - Anions, Ion Chromatography - Soluble

Result Qualifier RL MDL Unit mg/Kg D Prepared Analyzed 11/10/21 19:39 20

Client Sample ID: SP3 @ 4'-R Lab Sample ID: 880-7917-24

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Sample Depth: 4'

Analyte	Result Qı	ualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U	0.00200	mg/Kg		11/03/21 15:23	11/05/21 11:11	1
Toluene	<0.00200 U	0.00200	mg/Kg		11/03/21 15:23	11/05/21 11:11	1
Ethylbenzene	<0.00200 U	0.00200	mg/Kg		11/03/21 15:23	11/05/21 11:11	1
m-Xylene & p-Xylene	<0.00399 U	0.00399	mg/Kg		11/03/21 15:23	11/05/21 11:11	1
o-Xylene	<0.00200 U	0.00200	mg/Kg		11/03/21 15:23	11/05/21 11:11	1
Xylenes, Total	<0.00399 U	0.00399	mg/Kg		11/03/21 15:23	11/05/21 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/03/21 15:23	11/05/21 11:11	1
1,4-Difluorobenzene (Surr)	104		70 - 130	11/03/21 15:23	11/05/21 11:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D)	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/l	(g			11/10/21 11:00	1

Method: 8015 NM - Diesel Rang	ge Organic	s (DRO) (G0	C)						
Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	r	mg/Kg			11/09/21 16:19	1

Analyte	Result	Qualifier	RL	MDL U	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	r	ng/Kg		11/03/21 13:58	11/04/21 15:24	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9	n	ng/Kg		11/03/21 13:58	11/04/21 15:24	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	r	ng/Kg		11/03/21 13:58	11/04/21 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
							1110010110		

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	11/03/21 13:58	11/04/21 15:24	1
o-Terphenyl	83		70 - 130	11/03/21 13:58	11/04/21 15:24	1
_						

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	317	4.98	mg/Kg			11/10/21 19:46	1	

Eurofins Xenco, Midland

2

3

4

6

9

11

13

-

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Client Sample ID: SP4 @ Surface

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Lab Sample ID: 880-7917-25

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 11:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 11:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 11:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/03/21 15:23	11/05/21 11:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/03/21 15:23	11/05/21 11:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/03/21 15:23	11/05/21 11:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				11/03/21 15:23	11/05/21 11:32	1
1,4-Difluorobenzene (Surr)	107		70 - 130				11/03/21 15:23	11/05/21 11:32	1
Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			11/10/21 11:00	

Method: 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Total TPH <49.9 U 49.9 11/09/21 16:19 mg/Kg

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 15:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 15:44	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				11/03/21 13:58	11/04/21 15:44	1
o-Terphenyl	84		70 - 130				11/03/21 13:58	11/04/21 15:44	1

1	 Method: 300.0 - Anions, Ion Ch	nromatograp	hy - Solub	le						
	Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	4270		25.0		mg/Kg			11/10/21 19:53	5

Client Sample ID: SP4 @ 4'-R Lab Sample ID: 880-7917-26 Date Collected: 11/01/21 00:00

Date Received: 11/03/21 11:11

Sample Depth: 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 11:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 11:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 11:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 11:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/21 15:23	11/05/21 11:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/21 15:23	11/05/21 11:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/03/21 15:23	11/05/21 11:52	1
1,4-Difluorobenzene (Surr)	108		70 - 130				11/03/21 15:23	11/05/21 11:52	1

Eurofins Xenco, Midland

Matrix: Solid

Client Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Client Sample ID: SP4 @ 4'-R

Lab Sample ID: 880-7917-26 Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Matrix: Solid

Sample Depth: 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/21 11:00	1
Method: 8015 NM - Diesel Rar	ige Organic	s (DRO) (0	GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/09/21 16:19	1
Method: 8015B NM - Diesel Ra	ange Organi	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 16:04	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 16:04	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/21 13:58	11/04/21 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				11/03/21 13:58	11/04/21 16:04	1
o-Terphenyl	88		70 - 130				11/03/21 13:58	11/04/21 16:04	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		25.0		mg/Kg			11/10/21 20:01	5

Surrogate Summary

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				nt Surrogate Recovery (Accept
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-7917-1	NH1 @ Surface	117	96	
880-7917-2	NH1 @ 1'	118	100	
880-7917-3	EH1 @ Surface	119	96	
880-7917-4	EH1 @ 1'	103	104	
880-7917-5	EH2 @ Surface	124	109	
880-7917-6	EH2 @ 1'	119	101	
880-7917-7	EH3 @ Surface	100	71	
880-7917-8	EH3 @ 1'	125	96	
880-7917-9	SH1 @ Surface	117	101	
880-7917-10	SH1 @ 1'	115	103	
880-7917-10 MS	SH1 @ 1'	129	109	
880-7917-10 MSD	SH1 @ 1'	129	111	
880-7917-11	SH2 @ Surface	117	102	
880-7917-12	SH2 @ 1'	116	97	
880-7917-13	WH1 @ Surface	120	97	
880-7917-14	WH1 @ 1'	113	100	
880-7917-15	WH2 @ Surface	127	100	
880-7917-16	WH2 @ 1'	83	80	
880-7917-17	WH3 @ Surface	88	89	
880-7917-18	WH3 @ 1'	119	97	
880-7917-19	SP1 @ Surface	120	117	
880-7917-20	SP1 @ 4'-R	117	102	
880-7917-21	SP2 @ Surface	118	107	
880-7917-22	SP2 @ 4'-R	117	106	
880-7917-23	SP3 @ Surface	139 S1+	105	
880-7917 <i>-</i> 23	SP3 @ 4'-R	113	104	
880-7917 <i>-</i> 24	SP4 @ Surface	124	107	
880-7917-26	SP4 @ 4'-R	117	108	
LCS 880-11386/1-A	Lab Control Sample	117	103	
LCS 880-11387/1-A	Lab Control Sample	106	97	
LCS 080-11367/1-A LCSD 880-11386/2-A	Lab Control Sample Dup	116	102	
LCSD 880-11386/2-A LCSD 880-11387/2-A	·		92	
	Lab Control Sample Dup	106		
MB 880-11386/5-A	Method Blank	124	109	
MB 880-11387/5-A	Method Blank	117	100	

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

_		Percent Surro				
		1CO1	OTPH1			
Lab Sample ID	Client Sample ID	(70-130)	(70-130)			
880-7917-1	NH1 @ Surface	85	93			
880-7917-1 MS	NH1 @ Surface	93	89			
880-7917-1 MSD	NH1 @ Surface	95	89			
880-7917-2	NH1 @ 1'	84	91			
880-7917-3	EH1 @ Surface	89	95			

Surrogate Summary

Client: Etech Environmental & Safety Solutions

Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1

SDG: Rural Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid Prep Type: Total/NA

Lab Sample ID	Client Sample ID	1CO1 (70-130)	Percent Surrogate Recovery OTPH1 70-130)	(Acceptance Limits)
880-7917-4	EH1 @ 1'	88	95	
880-7917-5	EH2 @ Surface	78	83	
880-7917-6	EH2 @ 1'	83	87	
880-7917-7	EH3 @ Surface	85	89	
880-7917-8	EH3 @ 1'	96	103	
880-7917-9	SH1 @ Surface	86	92	
880-7917-10	SH1 @ 1'	90	97	
880-7917-11	SH2 @ Surface	87	95	
880-7917-12	SH2 @ 1'	88	95	
880-7917-13	WH1 @ Surface	90	95	
880-7917-14	WH1 @ 1'	89	93	
880-7917-15	WH2 @ Surface	85	89	
880-7917-16	WH2 @ 1'	82	88	
880-7917-17	WH3 @ Surface	77	83	
880-7917-18	WH3 @ 1'	89	99	
880-7917-19	SP1 @ Surface	86	96	
880-7917-20	SP1 @ 4'-R	91	100	
880-7917-21	SP2 @ Surface	94	100	
880-7917-22	SP2 @ 4'-R	81	82	
880-7917-23	SP3 @ Surface	82	86	
880-7917-24	SP3 @ 4'-R	82	83	
880-7917-25	SP4 @ Surface	84	84	
880-7917-26	SP4 @ 4'-R	90	88	
890-1502-A-121-F MS	Matrix Spike	100	92	
890-1502-A-121-G MSD	Matrix Spike Duplicate	92	84	
LCS 880-11376/2-A	Lab Control Sample	108	88	
LCS 880-11391/2-A	Lab Control Sample	86	86	
LCSD 880-11376/3-A	Lab Control Sample Dup	103	95	
LCSD 880-11391/3-A	Lab Control Sample Dup	82	81	
MB 880-11376/1-A	Method Blank	89	94	
MB 880-11391/1-A	Method Blank	89	105	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

9

__

5

5

9

40

13

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-11386/5-A

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11386

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 16:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 16:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 16:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/03/21 15:14	11/04/21 16:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:14	11/04/21 16:56	1
Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		11/03/21 15:14	11/04/21 16:56	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124	70 - 130	11/03/21 15:14	11/04/21 16:56	1
1,4-Difluorobenzene (Surr)	109	70 - 130	11/03/21 15:14	11/04/21 16:56	1

Lab Sample ID: LCS 880-11386/1-A

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11386

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08306		mg/Kg		83	70 - 130	
Toluene	0.100	0.08809		mg/Kg		88	70 - 130	
Ethylbenzene	0.100	0.09275		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	0.200	0.1835		mg/Kg		92	70 - 130	
o-Xylene	0.100	0.09381		mg/Kg		94	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-11386/2-A

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Prep Batch: 11386

LCSD LCSD Spike **RPD** %Rec. Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Benzene 0.100 0.07556 mg/Kg 76 70 - 130 9 35 Toluene 0.100 0.08786 mg/Kg 88 70 - 130 0 35 Ethylbenzene 0.100 0.1003 mg/Kg 100 70 - 130 8 35 0.200 m-Xylene & p-Xylene 0.1890 mg/Kg 94 70 - 130 3 35 0.100 0.09230 mg/Kg 92 70 - 130 35 o-Xylene

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1.4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-11387/5-A

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 11387

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:28	1

Eurofins Xenco, Midland

Page 27 of 54

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-11387/5-A

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11387

МВ	MB						•	
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:28	1
<0.00400	U	0.00400		mg/Kg		11/03/21 15:23	11/05/21 04:28	1
<0.00200	U	0.00200		mg/Kg		11/03/21 15:23	11/05/21 04:28	1
<0.00400	U	0.00400		mg/Kg		11/03/21 15:23	11/05/21 04:28	1
	Result <0.00200 <0.00400 <0.00200	MB MB Qualifier	Result Qualifier RL	Result Qualifier RL MDL	Result Qualifier RL MDL Unit <0.00200	Result Qualifier RL MDL Unit D <0.00200	Result Qualifier RL MDL Unit D Prepared <0.00200	Result Qualifier RL MDL Unit D Prepared Analyzed <0.00200

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117	70 - 130	11/03/21 15:23	11/05/21 04:28	1
1,4-Difluorobenzene (Surr)	100	70 - 130	11/03/21 15:23	11/05/21 04:28	1

Lab Sample ID: LCS 880-11387/1-A

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 11387

Spike LCS LCS %Rec. Result Qualifier Unit Limits Analyte Added D %Rec Benzene 0.100 0.07396 mg/Kg 74 70 - 130 Toluene 0.100 0.07820 mg/Kg 78 70 - 130 Ethylbenzene 0.100 0.08094 mg/Kg 81 70 - 130 m-Xylene & p-Xylene 0.200 80 70 - 130 0.1603 mg/Kg o-Xylene 0.100 0.08280 mg/Kg 83 70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-11387/2-A

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 11387

Spike	LCSD	LCSD				%Rec.		RPD
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
0.100	0.07937		mg/Kg		79	70 - 130	7	35
0.100	0.08601		mg/Kg		86	70 - 130	10	35
0.100	0.09638		mg/Kg		96	70 - 130	17	35
0.200	0.1878		mg/Kg		94	70 - 130	16	35
0.100	0.08890		mg/Kg		89	70 - 130	7	35
	Added 0.100 0.100 0.100 0.100 0.200	Added Result 0.100 0.07937 0.100 0.08601 0.100 0.09638 0.200 0.1878	Added Result Qualifier 0.100 0.07937 0.100 0.08601 0.100 0.09638 0.200 0.1878	Added Result Qualifier Unit 0.100 0.07937 mg/Kg 0.100 0.08601 mg/Kg 0.100 0.09638 mg/Kg 0.200 0.1878 mg/Kg	Added Result Qualifier Unit D 0.100 0.07937 mg/Kg 0.100 0.08601 mg/Kg 0.100 0.09638 mg/Kg 0.200 0.1878 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.07937 mg/Kg 79 0.100 0.08601 mg/Kg 86 0.100 0.09638 mg/Kg 96 0.200 0.1878 mg/Kg 94	Added Result Qualifier Unit D %Rec Limits 0.100 0.07937 mg/Kg 79 70 - 130 0.100 0.08601 mg/Kg 86 70 - 130 0.100 0.09638 mg/Kg 96 70 - 130 0.200 0.1878 mg/Kg 94 70 - 130	Added Result Qualifier Unit D %Rec Limits RPD 0.100 0.07937 mg/Kg 79 70 - 130 7 0.100 0.08601 mg/Kg 86 70 - 130 10 0.100 0.09638 mg/Kg 96 70 - 130 17 0.200 0.1878 mg/Kg 94 70 - 130 16

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	106	70 - 130
1,4-Difluorobenzene (Surr)	92	70 - 130

Lab Sample ID: 880-7917-10 MS

Matrix: Solid

Analysis Batch: 11469

Client Sample ID: SH1 @ 1' Prep Type: Total/NA

Prep Batch: 11387

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F2 F1	0.0994	0.07460		mg/Kg		74	70 - 130	
Toluene	<0.00200	U F1	0.0994	0.07676		mg/Kg		76	70 - 130	
Ethylbenzene	<0.00200	U F2 F1	0.0994	0.08239		mg/Kg		83	70 - 130	
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.1574		mg/Kg		79	70 - 130	

Eurofins Xenco, Midland

Page 28 of 54

Client: Etech Environmental & Safety Solutions

Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-7917-10 MS Client Sample ID: SH1 @ 1' Prep Type: Total/NA **Matrix: Solid** Prep Batch: 11387 **Analysis Batch: 11469** MS MS %Rec. Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits o-Xylene < 0.00200 U F2 F1 0.0994 0.07701 mg/Kg 77 70 - 130 MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 129 70 - 130 1,4-Difluorobenzene (Surr) 109 70 - 130

Lab Sample ID: 880-7917-10 MSD Client Sample ID: SH1 @ 1' **Matrix: Solid Prep Type: Total/NA Analysis Batch: 11469** Prep Batch: 11387 Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Result Qualifier %Rec Limits **RPD** Limit Analyte Unit D Benzene <0.00200 U F2 F1 0.0998 0.02808 F2 F1 mg/Kg 27 70 - 130 91 35 Toluene <0.00200 UF1 0.0998 0.05450 F1 mg/Kg 53 70 - 130 34 35 Ethylbenzene <0.00200 U F2 F1 0.0998 mg/Kg 42 70 - 130 65 35 0.04215 F2 F1 m-Xylene & p-Xylene 0.200 42 70 - 130 35 <0.00401 U F2 F1 0.08400 F2 F1 mg/Kg 61 o-Xylene <0.00200 U F2 F1 0.0998 0.04830 F2 F1 mg/Kg 48 70 - 130 46 35

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 129
 70 - 130

 1,4-Difluorobenzene (Surr)
 111
 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-11376/1-A

Matrix: Solid

Analysis Batch: 11414

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11376

MB MB Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac U 50.0 <50.0 11/03/21 13:58 11/04/21 09:53 Gasoline Range Organics mg/Kg (GRO)-C6-C10 50.0 Diesel Range Organics (Over <50.0 U mg/Kg 11/03/21 13:58 11/04/21 09:53 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 11/03/21 13:58 11/04/21 09:53

MB MB Qualifier Limits Dil Fac Surrogate Prepared %Recovery Analyzed 1-Chlorooctane 70 - 130 11/03/21 13:58 11/04/21 09:53 89 o-Terphenyl 94 70 - 130 11/03/21 13:58 11/04/21 09:53

Lab Sample ID: LCS 880-11376/2-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Total/NA

Analysis Batch: 11414 Prep Batch: 11376 LCS LCS %Rec. Spike Added Analyte Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 977.8 98 70 - 130 mg/Kg (GRO)-C6-C10 1000 838.1 Diesel Range Organics (Over mg/Kg 84 70 - 130

Eurofins Xenco, Midland

2

3

4

6

8

10

12

14

C10-C28)

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-11376/2-A

Lab Sample ID: LCSD 880-11376/3-A

Lab Sample ID: 890-1502-A-121-F MS

Matrix: Solid

Analysis Batch: 11414

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11376

LCS LCS

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 108 70 - 130 o-Terphenyl 88 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Gasoline Range Organics

Diesel Range Organics (Over

Matrix: Solid

Analysis Batch: 11414

Prep Batch: 11376 LCSD LCSD RPD %Rec. Result Qualifier Unit %Rec Limits RPD Limit mg/Kg 97

91

70 - 130 1 20 70 - 130 20

C10-C28)

(GRO)-C6-C10

Matrix: Solid

Analyte

LCSD LCSD

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 103 70 - 130 70 - 130 o-Terphenyl 95

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11376

Analysis Batch: 11414

Sample Sample Spike MS MS %Rec. Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics <49.9 U 997 1036 mg/Kg 101 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 997 863.0 <49.9 U mg/Kg 84 70 - 130

Spike

Added

1000

1000

965.5

913.0

mg/Kg

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-1502-A-121-G MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 11414

Prep Batch: 11376 Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Result Qualifier Limits **RPD** Limit Analyte Unit %Rec Gasoline Range Organics <49.9 U 1000 954.6 93 70 - 130 8 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 1000 789.2 mg/Kg 77 70 - 130 9 20

C10-C28)

MSD MSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	92	70 - 130
o-Terphenyl	84	70 - 130

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-11391/1-A

Matrix: Solid

Analysis Batch: 11412

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11391

	MB	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 09:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 09:53	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/21 16:04	11/04/21 09:53	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				11/03/21 16:04	11/04/21 09:53	1
o-Terphenyl	105		70 - 130				11/03/21 16:04	11/04/21 09:53	1

Lab Sample ID: LCS 880-11391/2-A

Matrix: Solid

Analysis Batch: 11412

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11391

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	941.3		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	739.6		mg/Kg		74	70 - 130	

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 86 70 - 130 70 - 130 o-Terphenyl 86

Lab Sample ID: LCSD 880-11391/3-A

Matrix: Solid

Analysis Batch: 11412

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Prep Batch: 11391

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	922.0		mg/Kg	<u> </u>	92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	709.3		mg/Kg		71	70 - 130	4	20

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 82 o-Terphenyl 81 70 - 130

Lab Sample ID: 880-7917-1 MS

Matrix: Solid

Analysis Batch: 11412

Client Sample ID: NH1 @ Surface Prep Type: Total/NA

Prep Batch: 11391

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1229		mg/Kg		123	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	997	924.8		mg/Kg		93	70 - 130	

Client: Etech Environmental & Safety Solutions

Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1

SDG: Rural Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Client Sample ID: NH1 @ Surface Lab Sample ID: 880-7917-1 MS **Matrix: Solid**

Analysis Batch: 11412

Prep Type: Total/NA

Prep Batch: 11391

MS MS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 93 70 - 130 o-Terphenyl 89 70 - 130

Lab Sample ID: 880-7917-1 MSD Client Sample ID: NH1 @ Surface

Matrix: Solid

Analysis Batch: 11412

Prep Type: Total/NA

Prep Batch: 11391

RPD MSD MSD %Rec. Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics <49.9 U 1000 1226 mg/Kg 123 70 - 130 0 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 1000 950.6 mg/Kg 95 70 - 130 3 20 C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 95 70 - 130 89 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-11182/1-A Client Sample ID: Method Blank

RL

5.00

Matrix: Solid

Analyte

Chloride

Analysis Batch: 11708

Prep Type: Soluble

MDL Unit

mg/Kg

Prepared Analyzed Dil Fac 11/10/21 07:17

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-11182/2-A

Matrix: Solid			Prep Type: Soluble
Analysis Batch: 11708			
	Spike	LCS LCS	%Rec.

Analyte Added Result Qualifier D %Rec Limits Unit 250 Chloride 261.3 mg/Kg 105 90 - 110

MB MB

<5.00 U

Result Qualifier

Lab Sample ID: LCSD 880-11182/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 11708

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	 250	260.7		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-7917-10 MS Client Sample ID: SH1 @ 1' **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 11708

Released to Imaging: 10/3/2023 9:59:52 AM

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

MR MR

Lab Sample ID: 880-7917-10 MSD Client Sample ID: SH1 @ 1' **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 11708

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	13.1		248	269.7		mg/Kg		104	90 - 110	3	20

Lab Sample ID: MB 880-11468/1-A **Client Sample ID: Method Blank Matrix: Solid Prep Type: Soluble**

Analysis Batch: 11846

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			11/10/21 18:10	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-11468/2-A **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 11846

		Spike	LCS	LCS				%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 	250	264.7		mg/Kg	_	106	90 - 110	

Lab Sample ID: LCSD 880-11468/3-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Soluble**

Analysis Batch: 11846

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	 250	263.3		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-7917-18 MS Client Sample ID: WH3 @ 1' **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 11846

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	17.6		248	271.5		ma/Ka		103	90 - 110	 _

Lab Sample ID: 880-7917-18 MSD Client Sample ID: WH3 @ 1' **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 11846

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	17.6		248	249.8		ma/Ka		94	90 - 110	8	20	

Client: Etech Environmental & Safety Solutions
Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

GC VOA

Prep Batch: 11386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-1	NH1 @ Surface	Total/NA	Solid	5035	
880-7917-2	NH1 @ 1'	Total/NA	Solid	5035	
880-7917-3	EH1 @ Surface	Total/NA	Solid	5035	
880-7917-4	EH1 @ 1'	Total/NA	Solid	5035	
880-7917-5	EH2 @ Surface	Total/NA	Solid	5035	
880-7917-6	EH2 @ 1'	Total/NA	Solid	5035	
880-7917-7	EH3 @ Surface	Total/NA	Solid	5035	
880-7917-8	EH3 @ 1'	Total/NA	Solid	5035	
880-7917-9	SH1 @ Surface	Total/NA	Solid	5035	
MB 880-11386/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11386/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11386/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 11387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-10	SH1 @ 1'	Total/NA	Solid	5035	
880-7917-11	SH2 @ Surface	Total/NA	Solid	5035	
880-7917-12	SH2 @ 1'	Total/NA	Solid	5035	
880-7917-13	WH1 @ Surface	Total/NA	Solid	5035	
880-7917-14	WH1 @ 1'	Total/NA	Solid	5035	
880-7917-15	WH2 @ Surface	Total/NA	Solid	5035	
880-7917-16	WH2 @ 1'	Total/NA	Solid	5035	
880-7917-17	WH3 @ Surface	Total/NA	Solid	5035	
880-7917-18	WH3 @ 1'	Total/NA	Solid	5035	
880-7917-19	SP1 @ Surface	Total/NA	Solid	5035	
880-7917-20	SP1 @ 4'-R	Total/NA	Solid	5035	
880-7917-21	SP2 @ Surface	Total/NA	Solid	5035	
880-7917-22	SP2 @ 4'-R	Total/NA	Solid	5035	
880-7917-23	SP3 @ Surface	Total/NA	Solid	5035	
880-7917-24	SP3 @ 4'-R	Total/NA	Solid	5035	
880-7917-25	SP4 @ Surface	Total/NA	Solid	5035	
880-7917-26	SP4 @ 4'-R	Total/NA	Solid	5035	
MB 880-11387/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11387/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11387/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-7917-10 MS	SH1 @ 1'	Total/NA	Solid	5035	
880-7917-10 MSD	SH1 @ 1'	Total/NA	Solid	5035	

Analysis Batch: 11469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-1	NH1 @ Surface	Total/NA	Solid	8021B	11386
880-7917-2	NH1 @ 1'	Total/NA	Solid	8021B	11386
880-7917-3	EH1 @ Surface	Total/NA	Solid	8021B	11386
880-7917-4	EH1 @ 1'	Total/NA	Solid	8021B	11386
880-7917-5	EH2 @ Surface	Total/NA	Solid	8021B	11386
880-7917-6	EH2 @ 1'	Total/NA	Solid	8021B	11386
880-7917-7	EH3 @ Surface	Total/NA	Solid	8021B	11386
880-7917-8	EH3 @ 1'	Total/NA	Solid	8021B	11386
880-7917-9	SH1 @ Surface	Total/NA	Solid	8021B	11386
880-7917-10	SH1 @ 1'	Total/NA	Solid	8021B	11387
880-7917-11	SH2 @ Surface	Total/NA	Solid	8021B	11387

Eurofins Xenco, Midland

...

6

8

9

11

13

14

Job ID: 880-7917-1 Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

GC VOA (Continued)

Analysis Batch: 11469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-12	SH2 @ 1'	Total/NA	Solid	8021B	11387
880-7917-13	WH1 @ Surface	Total/NA	Solid	8021B	11387
880-7917-14	WH1 @ 1'	Total/NA	Solid	8021B	11387
880-7917-15	WH2 @ Surface	Total/NA	Solid	8021B	11387
880-7917-16	WH2 @ 1'	Total/NA	Solid	8021B	11387
880-7917-17	WH3 @ Surface	Total/NA	Solid	8021B	11387
880-7917-18	WH3 @ 1'	Total/NA	Solid	8021B	11387
880-7917-19	SP1 @ Surface	Total/NA	Solid	8021B	11387
880-7917-20	SP1 @ 4'-R	Total/NA	Solid	8021B	11387
880-7917-21	SP2 @ Surface	Total/NA	Solid	8021B	11387
880-7917-22	SP2 @ 4'-R	Total/NA	Solid	8021B	11387
880-7917-23	SP3 @ Surface	Total/NA	Solid	8021B	11387
880-7917-24	SP3 @ 4'-R	Total/NA	Solid	8021B	11387
880-7917-25	SP4 @ Surface	Total/NA	Solid	8021B	11387
880-7917-26	SP4 @ 4'-R	Total/NA	Solid	8021B	11387
MB 880-11386/5-A	Method Blank	Total/NA	Solid	8021B	11386
MB 880-11387/5-A	Method Blank	Total/NA	Solid	8021B	11387
LCS 880-11386/1-A	Lab Control Sample	Total/NA	Solid	8021B	11386
LCS 880-11387/1-A	Lab Control Sample	Total/NA	Solid	8021B	11387
LCSD 880-11386/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11386
LCSD 880-11387/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11387
880-7917-10 MS	SH1 @ 1'	Total/NA	Solid	8021B	11387
880-7917-10 MSD	SH1 @ 1'	Total/NA	Solid	8021B	11387

Analysis Batch: 11890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-7917-1	NH1 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-2	NH1 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-3	EH1 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-4	EH1 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-5	EH2 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-6	EH2 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-7	EH3 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-8	EH3 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-9	SH1 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-10	SH1 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-11	SH2 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-12	SH2 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-13	WH1 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-14	WH1 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-15	WH2 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-16	WH2 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-17	WH3 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-18	WH3 @ 1'	Total/NA	Solid	Total BTEX	
880-7917-19	SP1 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-20	SP1 @ 4'-R	Total/NA	Solid	Total BTEX	
880-7917-21	SP2 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-22	SP2 @ 4'-R	Total/NA	Solid	Total BTEX	
880-7917-23	SP3 @ Surface	Total/NA	Solid	Total BTEX	
880-7917-24	SP3 @ 4'-R	Total/NA	Solid	Total BTEX	
880-7917-25	SP4 @ Surface	Total/NA	Solid	Total BTEX	

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

2

GC VOA (Continued)

Analysis Batch: 11890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-26	SP4 @ 4'-R	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 11376

Lab Sample ID 880-7917-21	Client Sample ID SP2 @ Surface	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
	· ·			•	
880-7917-22	SP2 @ 4'-R	Total/NA	Solid	8015NM Prep	
880-7917-23	SP3 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-24	SP3 @ 4'-R	Total/NA	Solid	8015NM Prep	
880-7917-25	SP4 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-26	SP4 @ 4'-R	Total/NA	Solid	8015NM Prep	
MB 880-11376/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-11376/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-11376/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1502-A-121-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1502-A-121-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 11391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-1	NH1 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-2	NH1 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-3	EH1 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-4	EH1 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-5	EH2 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-6	EH2 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-7	EH3 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-8	EH3 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-9	SH1 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-10	SH1 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-11	SH2 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-12	SH2 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-13	WH1 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-14	WH1 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-15	WH2 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-16	WH2 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-17	WH3 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-18	WH3 @ 1'	Total/NA	Solid	8015NM Prep	
880-7917-19	SP1 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-20	SP1 @ 4'-R	Total/NA	Solid	8015NM Prep	
MB 880-11391/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-11391/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-11391/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-7917-1 MS	NH1 @ Surface	Total/NA	Solid	8015NM Prep	
880-7917-1 MSD	NH1 @ Surface	Total/NA	Solid	8015NM Prep	

Analysis Batch: 11412

Lab Sample ID 880-7917-1	Client Sample ID NH1 @ Surface	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 11391
880-7917-2	NH1 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-3	EH1 @ Surface	Total/NA	Solid	8015B NM	11391

Eurofins Xenco, Midland

Page 36 of 54

Client: Etech Environmental & Safety Solutions

Job ID: 880-7917-1

Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 11412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-4	EH1 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-5	EH2 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-6	EH2 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-7	EH3 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-8	EH3 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-9	SH1 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-10	SH1 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-11	SH2 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-12	SH2 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-13	WH1 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-14	WH1 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-15	WH2 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-16	WH2 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-17	WH3 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-18	WH3 @ 1'	Total/NA	Solid	8015B NM	11391
880-7917-19	SP1 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-20	SP1 @ 4'-R	Total/NA	Solid	8015B NM	11391
MB 880-11391/1-A	Method Blank	Total/NA	Solid	8015B NM	11391
LCS 880-11391/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	11391
LCSD 880-11391/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	11391
880-7917-1 MS	NH1 @ Surface	Total/NA	Solid	8015B NM	11391
880-7917-1 MSD	NH1 @ Surface	Total/NA	Solid	8015B NM	11391

Analysis Batch: 11414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-21	SP2 @ Surface	Total/NA	Solid	8015B NM	11376
880-7917-22	SP2 @ 4'-R	Total/NA	Solid	8015B NM	11376
880-7917-23	SP3 @ Surface	Total/NA	Solid	8015B NM	11376
880-7917-24	SP3 @ 4'-R	Total/NA	Solid	8015B NM	11376
880-7917-25	SP4 @ Surface	Total/NA	Solid	8015B NM	11376
880-7917-26	SP4 @ 4'-R	Total/NA	Solid	8015B NM	11376
MB 880-11376/1-A	Method Blank	Total/NA	Solid	8015B NM	11376
LCS 880-11376/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	11376
LCSD 880-11376/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	11376
890-1502-A-121-F MS	Matrix Spike	Total/NA	Solid	8015B NM	11376
890-1502-A-121-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	11376

Analysis Batch: 11856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-1	NH1 @ Surface	Total/NA	Solid	8015 NM	
880-7917-2	NH1 @ 1'	Total/NA	Solid	8015 NM	
880-7917-3	EH1 @ Surface	Total/NA	Solid	8015 NM	
880-7917-4	EH1 @ 1'	Total/NA	Solid	8015 NM	
880-7917-5	EH2 @ Surface	Total/NA	Solid	8015 NM	
880-7917-6	EH2 @ 1'	Total/NA	Solid	8015 NM	
880-7917-7	EH3 @ Surface	Total/NA	Solid	8015 NM	
880-7917-8	EH3 @ 1'	Total/NA	Solid	8015 NM	
880-7917-9	SH1 @ Surface	Total/NA	Solid	8015 NM	
880-7917-10	SH1 @ 1'	Total/NA	Solid	8015 NM	
880-7917-11	SH2 @ Surface	Total/NA	Solid	8015 NM	
880-7917-12	SH2 @ 1'	Total/NA	Solid	8015 NM	

Eurofins Xenco, Midland

4

8

10

12

13

14

Job ID: 880-7917-1 Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 11856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-13	WH1 @ Surface	Total/NA	Solid	8015 NM	
880-7917-14	WH1 @ 1'	Total/NA	Solid	8015 NM	
880-7917-15	WH2 @ Surface	Total/NA	Solid	8015 NM	
880-7917-16	WH2 @ 1'	Total/NA	Solid	8015 NM	
880-7917-17	WH3 @ Surface	Total/NA	Solid	8015 NM	
880-7917-18	WH3 @ 1'	Total/NA	Solid	8015 NM	
880-7917-19	SP1 @ Surface	Total/NA	Solid	8015 NM	
880-7917-20	SP1 @ 4'-R	Total/NA	Solid	8015 NM	
880-7917-21	SP2 @ Surface	Total/NA	Solid	8015 NM	
880-7917-22	SP2 @ 4'-R	Total/NA	Solid	8015 NM	
880-7917-23	SP3 @ Surface	Total/NA	Solid	8015 NM	
880-7917-24	SP3 @ 4'-R	Total/NA	Solid	8015 NM	
880-7917-25	SP4 @ Surface	Total/NA	Solid	8015 NM	
880-7917-26	SP4 @ 4'-R	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 11182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-1	NH1 @ Surface	Soluble	Solid	DI Leach	
880-7917-2	NH1 @ 1'	Soluble	Solid	DI Leach	
880-7917-3	EH1 @ Surface	Soluble	Solid	DI Leach	
880-7917-4	EH1 @ 1'	Soluble	Solid	DI Leach	
880-7917-5	EH2 @ Surface	Soluble	Solid	DI Leach	
880-7917-6	EH2 @ 1'	Soluble	Solid	DI Leach	
880-7917-7	EH3 @ Surface	Soluble	Solid	DI Leach	
880-7917-8	EH3 @ 1'	Soluble	Solid	DI Leach	
880-7917-9	SH1 @ Surface	Soluble	Solid	DI Leach	
880-7917-10	SH1 @ 1'	Soluble	Solid	DI Leach	
880-7917-11	SH2 @ Surface	Soluble	Solid	DI Leach	
880-7917-12	SH2 @ 1'	Soluble	Solid	DI Leach	
880-7917-13	WH1 @ Surface	Soluble	Solid	DI Leach	
880-7917-14	WH1 @ 1'	Soluble	Solid	DI Leach	
880-7917-15	WH2 @ Surface	Soluble	Solid	DI Leach	
880-7917-16	WH2 @ 1'	Soluble	Solid	DI Leach	
880-7917-17	WH3 @ Surface	Soluble	Solid	DI Leach	
MB 880-11182/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-11182/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-11182/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-7917-10 MS	SH1 @ 1'	Soluble	Solid	DI Leach	
880-7917-10 MSD	SH1 @ 1'	Soluble	Solid	DI Leach	

Leach Batch: 11468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-18	WH3 @ 1'	Soluble	Solid	DI Leach	
880-7917-19	SP1 @ Surface	Soluble	Solid	DI Leach	
880-7917-20	SP1 @ 4'-R	Soluble	Solid	DI Leach	
880-7917-21	SP2 @ Surface	Soluble	Solid	DI Leach	
880-7917-22	SP2 @ 4'-R	Soluble	Solid	DI Leach	
880-7917-23	SP3 @ Surface	Soluble	Solid	DI Leach	
880-7917-24	SP3 @ 4'-R	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

11/11/2021

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 11468 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-25	SP4 @ Surface	Soluble	Solid	DI Leach	
880-7917-26	SP4 @ 4'-R	Soluble	Solid	DI Leach	
MB 880-11468/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-11468/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-11468/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-7917-18 MS	WH3 @ 1'	Soluble	Solid	DI Leach	
880-7917-18 MSD	WH3 @ 1'	Soluble	Solid	DI Leach	

Analysis Batch: 11708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-1	NH1 @ Surface	Soluble	Solid	300.0	11182
880-7917-2	NH1 @ 1'	Soluble	Solid	300.0	11182
880-7917-3	EH1 @ Surface	Soluble	Solid	300.0	11182
880-7917-4	EH1 @ 1'	Soluble	Solid	300.0	11182
880-7917-5	EH2 @ Surface	Soluble	Solid	300.0	11182
880-7917-6	EH2 @ 1'	Soluble	Solid	300.0	11182
880-7917-7	EH3 @ Surface	Soluble	Solid	300.0	11182
880-7917-8	EH3 @ 1'	Soluble	Solid	300.0	11182
880-7917-9	SH1 @ Surface	Soluble	Solid	300.0	11182
880-7917-10	SH1 @ 1'	Soluble	Solid	300.0	11182
880-7917-11	SH2 @ Surface	Soluble	Solid	300.0	11182
880-7917-12	SH2 @ 1'	Soluble	Solid	300.0	11182
880-7917-13	WH1 @ Surface	Soluble	Solid	300.0	11182
880-7917-14	WH1 @ 1'	Soluble	Solid	300.0	11182
880-7917-15	WH2 @ Surface	Soluble	Solid	300.0	11182
880-7917-16	WH2 @ 1'	Soluble	Solid	300.0	11182
880-7917-17	WH3 @ Surface	Soluble	Solid	300.0	11182
MB 880-11182/1-A	Method Blank	Soluble	Solid	300.0	11182
LCS 880-11182/2-A	Lab Control Sample	Soluble	Solid	300.0	11182
LCSD 880-11182/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	11182
880-7917-10 MS	SH1 @ 1'	Soluble	Solid	300.0	11182
880-7917-10 MSD	SH1 @ 1'	Soluble	Solid	300.0	11182

Analysis Batch: 11846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-7917-18	WH3 @ 1'	Soluble	Solid	300.0	11468
880-7917-19	SP1 @ Surface	Soluble	Solid	300.0	11468
880-7917-20	SP1 @ 4'-R	Soluble	Solid	300.0	11468
880-7917-21	SP2 @ Surface	Soluble	Solid	300.0	11468
880-7917-22	SP2 @ 4'-R	Soluble	Solid	300.0	11468
880-7917-23	SP3 @ Surface	Soluble	Solid	300.0	11468
880-7917-24	SP3 @ 4'-R	Soluble	Solid	300.0	11468
880-7917-25	SP4 @ Surface	Soluble	Solid	300.0	11468
880-7917-26	SP4 @ 4'-R	Soluble	Solid	300.0	11468
MB 880-11468/1-A	Method Blank	Soluble	Solid	300.0	11468
LCS 880-11468/2-A	Lab Control Sample	Soluble	Solid	300.0	11468
LCSD 880-11468/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	11468
880-7917-18 MS	WH3 @ 1'	Soluble	Solid	300.0	11468
880-7917-18 MSD	WH3 @ 1'	Soluble	Solid	300.0	11468

Project/Site: Momentum 36 State SWD #1 Client Sample ID: NH1 @ Surface

Client: Etech Environmental & Safety Solutions

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Lab Sample ID: 880-7917-1

Lab Sample ID: 880-7917-3

11/04/21 18:15 CA

11/10/21 08:19 CH

Matrix: Solid

XEN MID

XEN MID

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11386	11/03/21 15:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/04/21 22:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g	10 mL	11391 11412	11/03/21 16:04 11/04/21 10:53		XEN MID XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	5.01 g	50 mL	11182 11708	11/04/21 18:15 11/10/21 08:03		XEN MID XEN MID

Client Sample ID: NH1 @ 1' Lab Sample ID: 880-7917-2 Date Collected: 11/01/21 00:00 **Matrix: Solid**

Date Received: 11/03/21 11:11

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed Analyst Lab Total/NA 5035 XEN MID Prep 5.01 g 5 mL 11386 11/03/21 15:14 MR Total/NA 8021B 5 mL 11/04/21 22:57 MR XEN MID Analysis 5 mL 11469 1 Total/NA Analysis Total BTEX 11890 11/10/21 11:00 AJ XEN MID 1 Total/NA 8015 NM **XEN MID** Analysis 1 11856 11/09/21 16:19 AJ Total/NA Prep 8015NM Prep 10.02 g 10 mL 11391 11/03/21 16:04 DM XEN MID Total/NA 8015B NM Analysis 1 11412 11/04/21 11:55 AJ **XEN MID** Soluble 5.02 g DI Leach 50 mL 11182 11/04/21 18:15 CA **XEN MID** Leach 300.0 11/10/21 08:11 CH Soluble Analysis 1 11708 **XEN MID**

Client Sample ID: EH1 @ Surface

Leach

Analysis

DI Leach

300.0

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Batch Dil Initial Batch Batch Final Prepared **Prep Type** Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.02 g 5 mL 11386 11/03/21 15:14 MR XEN MID Total/NA 8021B 5 mL Analysis 1 5 mL 11469 11/04/21 23:18 MR **XEN MID** Total/NA Analysis Total BTEX 1 11890 11/10/21 11:00 AJ XEN MID Total/NA Analysis 8015 NM 11856 11/09/21 16:19 AJ **XEN MID** Total/NA 8015NM Prep 11391 11/03/21 16:04 DM XEN MID Prep 10.01 g 10 mL Total/NA Analysis 8015B NM 11412 11/04/21 12:15 AJ **XEN MID**

Client Sample ID: EH1 @ 1' Lab Sample ID: 880-7917-4 Date Collected: 11/01/21 00:00 **Matrix: Solid**

1

5.05 g

11182

11708

50 mL

Date Received: 11/03/21 11:11

Soluble

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11386	11/03/21 15:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/04/21 23:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID

Eurofins Xenco, Midland

Page 40 of 54

Lab Chronicle

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM Lab Sample ID: 880-7917-4

Job ID: 880-7917-1

Client Sample ID: EH1 @ 1' Date Collected: 11/01/21 00:00

Matrix: Solid

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 12:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 08:26	CH	XEN MID

Client Sample ID: EH2 @ Surface Lab Sample ID: 880-7917-5 **Matrix: Solid**

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11386	11/03/21 15:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/04/21 23:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 12:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 08:49	CH	XEN MID

Client Sample ID: EH2 @ 1' Lab Sample ID: 880-7917-6 **Matrix: Solid**

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11386	11/03/21 15:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 00:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 08:57	CH	XEN MID

Client Sample ID: EH3 @ Surface

Lab Sample ID: 880-7917-7 Date Collected: 11/01/21 00:00 **Matrix: Solid**

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	11386	11/03/21 15:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 00:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.05 g	10 mL	11391 11412	11/03/21 16:04 11/04/21 13:41	DM AJ	XEN MID XEN MID

Eurofins Xenco, Midland

Page 41 of 54

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Client Sample ID: EH3 @ Surface

Lab Sample ID: 880-7917-7

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 09:05	CH	XEN MID

Lab Sample ID: 880-7917-8

Client Sample ID: EH3 @ 1' Date Collected: 11/01/21 00:00 **Matrix: Solid**

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11386	11/03/21 15:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 01:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 14:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 09:12	CH	XEN MID

Lab Sample ID: 880-7917-9 Client Sample ID: SH1 @ Surface

Date Collected: 11/01/21 00:00

Date Received: 11/03/21 11:11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11386	11/03/21 15:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 01:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 14:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	11182	11/04/21 18:15	CA	XEN MI
Soluble	Analysis	300.0		1			11708	11/10/21 09:20	CH	XEN MI

Client Sample ID: SH1 @ 1'

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Lab Sample ID: 880-7917-10 Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed Analyst Total/NA 5035 11387 11/03/21 15:23 XEN MID Prep 4.99 g 5 mL MR Total/NA 8021B Analysis 1 5 mL 5 mL 11469 11/05/21 04:57 MR XEN MID Total/NA Analysis **Total BTEX** 11890 11/10/21 11:00 AJ XEN MID 1 Total/NA 8015 NM Analysis 1 11856 11/09/21 16:19 AJ **XEN MID** Total/NA 8015NM Prep 10.03 g 11391 11/03/21 16:04 DM **XEN MID** Prep 10 mL Total/NA Analysis 8015B NM 1 11412 11/04/21 14:42 AJ XEN MID Soluble DI Leach 50 mL 11182 11/04/21 18:15 CA XEN MID Leach 5.05 g

11708

Eurofins Xenco, Midland

11/10/21 09:28 CH

XEN MID

Analysis

300.0

Soluble

Lab Sample ID: 880-7917-11

Lab Chronicle

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Client Sample ID: SH2 @ Surface

Date Collected: 11/01/21 00:00	Matrix: Solid
Date Received: 11/03/21 11:11	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 05:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g	10 mL	11391 11412	11/03/21 16:04 11/04/21 15:24		XEN MID XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	4.96 g	50 mL	11182 11708	11/04/21 18:15 11/10/21 09:51		XEN MID XEN MID

Client Sample ID: SH2 @ 1' Lab Sample ID: 880-7917-12 Date Collected: 11/01/21 00:00 **Matrix: Solid**

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 05:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 15:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 09:58	CH	XEN MID

Client Sample ID: WH1 @ Surface Lab Sample ID: 880-7917-13

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 05:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 16:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	11182	11/04/21 18:15	CA	XEN MI
Soluble	Analysis	300.0		1			11708	11/10/21 10:21	CH	XEN MI

Client Sample ID: WH1 @ 1' Lab Sample ID: 880-7917-14 Date Collected: 11/01/21 00:00 **Matrix: Solid**

Date Received: 11/03/21 11:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analvst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11387	11/03/21 15:23		XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 06:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID

Page 43 of 54

Eurofins Xenco, Midland

11/11/2021

Matrix: Solid

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Lab Sample ID: 880-7917-14

Matrix: Solid

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Client Sample ID: WH1 @ 1'

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 16:25	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 10:29	CH	XEN MID

Client Sample ID: WH2 @ Surface Lab Sample ID: 880-7917-15 **Matrix: Solid**

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

Batch Batch Dil Initial Final **Batch** Prepared **Prep Type** Method Amount Amount Number Type Run **Factor** or Analyzed **Analyst** Lab Total/NA 5035 11387 Prep 5.05 g 11/03/21 15:23 MR XEN MID 5 mL Total/NA Analysis 8021B 1 5 mL 5 mL 11469 11/05/21 06:39 MR XEN MID Total/NA Total BTEX Analysis 1 11890 11/10/21 11:00 AJ XEN MID Total/NA 8015 NM XEN MID Analysis 11856 11/09/21 16:19 AJ Total/NA Prep 8015NM Prep 10.00 g 11391 11/03/21 16:04 DM XEN MID 10 mL Total/NA 8015B NM 11/04/21 16:45 AJ XEN MID Analysis 1 11412 Soluble Leach DI Leach 5.02 g 50 mL 11182 11/04/21 18:15 CA XEN MID

Lab Sample ID: 880-7917-16 Client Sample ID: WH2 @ 1' Date Collected: 11/01/21 00:00 **Matrix: Solid**

1

11708

Date Received: 11/03/21 11:11

Soluble

Analysis

300.0

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 06:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 17:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 10:44	CH	XEN MID

Client Sample ID: WH3 @ Surface

Lab Sample ID: 880-7917-17 Date Collected: 11/01/21 00:00 **Matrix: Solid**

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 07:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	11391 11412	11/03/21 16:04 11/04/21 17:25	DM AJ	XEN MID XEN MID

11/10/21 10:37 CH XEN MID

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Client Sample ID: WH3 @ Surface Lab Sample ID: 880-7917-17 Date Collected: 11/01/21 00:00

Matrix: Solid

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	11182	11/04/21 18:15	CA	XEN MID
Soluble	Analysis	300.0		1			11708	11/10/21 10:52	CH	XEN MID

Lab Sample ID: 880-7917-18 Client Sample ID: WH3 @ 1'

Date Collected: 11/01/21 00:00 Matrix: Solid Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 07:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 17:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	11468	11/04/21 13:25	SC	XEN MID
Soluble	Analysis	300.0		1			11846	11/10/21 18:32	CH	XEN MID

Lab Sample ID: 880-7917-19 Client Sample ID: SP1 @ Surface

Date Collected: 11/01/21 00:00 **Matrix: Solid** Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 08:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 18:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	11468	11/04/21 13:25	SC	XEN MID
Soluble	Analysis	300.0		50			11846	11/10/21 18:55	CH	XEN MID

Client Sample ID: SP1 @ 4'-R Lab Sample ID: 880-7917-20 Date Collected: 11/01/21 00:00 Matrix: Solid

Date Received: 11/03/21 11:11

Released to Imaging: 10/3/2023 9:59:52 AM

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 09:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11391	11/03/21 16:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11412	11/04/21 18:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	11468	11/04/21 13:25	SC	XEN MID
Soluble	Analysis	300.0		50			11846	11/10/21 19:02	CH	XEN MID

Lab Sample ID: 880-7917-21

Lab Sample ID: 880-7917-22

Lab Sample ID: 880-7917-23

Lab Chronicle

Client: Etech Environmental & Safety Solutions Job ID: 880-7917-1 Project/Site: Momentum 36 State SWD #1 SDG: Rural Lea Co, NM

Client Sample ID: SP2 @ Surface

Date Collected: 11/01/21 00:00 Matrix: Solid Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 10:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g	10 mL	11376 11414	11/03/21 13:58 11/04/21 14:02		XEN MID XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	5.05 g	50 mL	11468 11846	11/04/21 13:25 11/10/21 19:09		XEN MID XEN MID

Client Sample ID: SP2 @ 4'-R

Date Collected: 11/01/21 00:00

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 10:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11376	11/03/21 13:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11414	11/04/21 14:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	11468	11/04/21 13:25	SC	XEN MID
Soluble	Analysis	300.0		1			11846	11/10/21 19:17	CH	XEN MID

Client Sample ID: SP3 @ Surface

Date Collected: 11/01/21 00:00

Date Received: 11/03/21 11:11 Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor Amount** Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.03 g 5 mL 11387 11/03/21 15:23 MR XEN MID Total/NA 8021B 5 mL Analysis 1 5 mL 11469 11/05/21 10:51 MR XEN MID Total/NA Total BTEX Analysis 1 11890 11/10/21 11:00 AJ XEN MID Total/NA Analysis 8015 NM 11856 11/09/21 16:19 AJ **XEN MID**

Total/NA Prep 8015NM Prep 11376 11/03/21 13:58 DM XEN MID 10.04 g 10 mL Total/NA Analysis 8015B NM 11414 11/04/21 14:42 AJ XEN MID Soluble DI Leach 11468 11/04/21 13:25 SC XEN MID Leach 5.01 g 50 mL Soluble Analysis 300.0 20 11846 11/10/21 19:39 CH XEN MID

Client Sample ID: SP3 @ 4'-R

Date Collected: 11/01/21 00:00 Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 11:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID

Eurofins Xenco, Midland

Matrix: Solid

Matrix: Solid

Lab Sample ID: 880-7917-24

Matrix: Solid

Lab Chronicle

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

SDG: Rural Lea Co, NM

Job ID: 880-7917-1

Client Sample ID: SP3 @ 4'-R Date Collected: 11/01/21 00:00

Lab Sample ID: 880-7917-24

Date Received: 11/03/21 11:11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11376	11/03/21 13:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11414	11/04/21 15:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	11468	11/04/21 13:25	SC	XEN MID
Soluble	Analysis	300.0		1			11846	11/10/21 19:46	CH	XEN MID

Lab Sample ID: 880-7917-25

Date Collected: 11/01/21 00:00

Client Sample ID: SP4 @ Surface

Matrix: Solid

Date Received: 11/03/21 11:11

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 11:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11376	11/03/21 13:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11414	11/04/21 15:44	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	11468	11/04/21 13:25	SC	XEN MID
Soluble	Analysis	300.0		5			11846	11/10/21 19:53	CH	XEN MID

Lab Sample ID: 880-7917-26 Client Sample ID: SP4 @ 4'-R Date Collected: 11/01/21 00:00

Date Received: 11/03/21 11:11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11387	11/03/21 15:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	11469	11/05/21 11:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			11890	11/10/21 11:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			11856	11/09/21 16:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11376	11/03/21 13:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11414	11/04/21 16:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	11468	11/04/21 13:25	SC	XEN MID
Soluble	Analysis	300.0		5			11846	11/10/21 20:01	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

11/11/2021

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	F	Program	Identification Number	Expiration Date
Texas	<u> </u>	NELAP	T104704400-21-22	06-30-22
The following analyte the agency does not	•	port, but the laboratory is n	ot certified by the governing authority.	This list may include analytes for which
Analysis Method	Prep Method	Matrix	Analyte	
Analysis Method 8015 NM	Prep Method	Matrix Solid	Analyte Total TPH	

Method Summary

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

Method Description

Total BTEX Calculation

Microextraction

Volatile Organic Compounds (GC)

Diesel Range Organics (DRO) (GC)

Diesel Range Organics (DRO) (GC)

Deionized Water Leaching Procedure

Anions, Ion Chromatography

Closed System Purge and Trap

Job ID: 880-7917-1 SDG: Rural Lea Co, NM

XEN MID

XEN MID

Protocol	Laboratory
SW846	XEN MID
TAL SOP	XEN MID
SW846	XEN MID
SW846	XEN MID
MCAWW	XEN MID

SW846

SW846

ASTM

Protocol References:

Method

8021B

Total BTEX

8015 NM

300.0

5035

8015B NM

8015NM Prep

DI Leach

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

3

+

0

9

IU

12

13

14

Sample Summary

Client: Etech Environmental & Safety Solutions Project/Site: Momentum 36 State SWD #1

SP4 @ 4'-R

880-7917-26

S

Job ID: 880-7917-1	
SDG: Rural Lea Co, NM	

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-7917-1	NH1 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-2	NH1 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-3	EH1 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-4	EH1 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-5	EH2 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-6	EH2 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-7	EH3 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-8	EH3 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-9	SH1 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-10	SH1 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-11	SH2 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-12	SH2 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-13	WH1 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-14	WH1 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-15	WH2 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-16	WH2 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-17	WH3 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-18	WH3 @ 1'	Solid	11/01/21 00:00	11/03/21 11:11	1'
880-7917-19	SP1 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-20	SP1 @ 4'-R	Solid	11/01/21 00:00	11/03/21 11:11	4'
880-7917-21	SP2 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-22	SP2 @ 4'-R	Solid	11/01/21 00:00	11/03/21 11:11	4'
880-7917-23	SP3 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	
880-7917-24	SP3 @ 4'-R	Solid	11/01/21 00:00	11/03/21 11:11	4'
880-7917-25	SP4 @ Surface	Solid	11/01/21 00:00	11/03/21 11:11	

Solid

11/01/21 00:00 11/03/21 11:11 4'

Page 51 of 54

Released to Imaging: 10/3/2023 9:59:52 AM





Circle Method(s) and Metal(s) to be analyzed









Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300, San Antonio TX (210) 509-3334 Midland TX (432) 704-5440 EL Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199 Phoenix, AZ (480) 355-0900 Tampa FL (813) 620-2000 Tallahassee, FL (850) 756-0747 Delray Beach FL (561) 689-6701 Atlanta, GA (770) 449-8800



									`	,							y	K.YYYY	enco	com	Page of
Project Manager	Joel Lowry				Bill to: (if differe	int)	Ro	b	Kir	K				$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $				Wo	rk Or	der C	Comments
Company Name:	Etech Environn	nental &	Safety		Company Na	me.	Sol	ar is	5						Progra	ım: U	ST/PS1	r 🗌 PI	२ ₽□	Brown	nfield RR Superfund
Address:	3100 Plains Hig	jhway			Address:		Res	5 45	Color						State of Project:						
City, State ZIP	Lovington, NM,	88260			City, State ZI	Р									Reporting Level Level PST/US TRF Leve						
Phone:	575-396-2378			Email	Email Resu	ts to [PM@	etech	env,c	<u>om</u> + C	lient				Delive	rables	EDD			ADaP1	Γ□ Other
Project Name:	Momentum.	36 Sta	E SWD7	≠/ _{Tu}	rn Around						AN	ALYS	IS RE	QUE	ST						Preservative Codes
Project Number	15041			Routi	ine 🖳																HNO3 HN
Project Location	Rural Lan			Rush		S S															H2S04 H2
Sampler's Name:	Miquel Pa	MIREZ	-	Due	Date	eservative															HCL. HL
PO#:			· · · · · ·																		None NO
SAMPLE RECE	Section of the Contract of the		Yes No	Wet Ice:	Yes No	S/Pr															NaOH Na
				Thermometer																	MeOH Me
Received Intact: Yes No /				167		Containe			Ext												Zn Acetate+ NaOH Zn
Cooler Custody Sea Sample Custody Sea		Salara C	Correction I Total Conta		0.1	or of Cc	e E300	021	Modified E	TX1005											TAT starts the day recevied by the lab if received by 4:30pm
Sample Ide	ntification	Matrix	Date Sampled	Time Sampled	Depth	Numb	Chloride	BTEX 8021	TPH Mo	XT HAT											Sample Comments
NHI @ surfa	a	Soil	16/1/21		pertina	I	X	X	X												
NHIQI'		1			1'	1		ı	ĺ												
EHI @ Sunta	i(£				~																
EHIRI					1/	Ш	Ш		\perp												
FH2@surface	· <u>e</u>					Ш															
EH2 el'					1'			Ш													
EH3@ Surfa	LE				-	Ex-		$\bot \bot$	$\perp \perp$		<u> </u>										
EH3@1'					1'	Maria Para	Ш														
541 @ sust	ine					11	$\perp \downarrow$		\perp											<u> </u>	
SHI@1'		1 V	V	L	1/	V	14	V	LV			<u></u>						L		<u></u>	
Total 200.7 /	6010 200.8 /	6020:	8R(CRA 13PP	M Texas 1	1 AI	Sb A	s Ba	Ве	B Cd	Ca C	r Co	Cu F	e Pb	Mg	Mn N	lo Ni	K S	e Ag	SiO2	Na Sr Tl Sn U V Zn

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by (Signature)	Date/Time
Who Than T	Buttlany Cox - " 1	11/1/21 4.52	2 Buttanicox	SURAMER	11.3.21
3	0	· ·	4		1103
5			6		

TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 Hg

١			
	9	2	
•		٦	
٦	4	Ħ	
		٦	
ì	r		
Ä		ŝ	
1	•	0	
	٤		
ς	5	5	
Q	ï		
	:	•	
,		۰	
۲	7	۶	
7	9	۲	
¢	٧	٦	
ŧ		š	
ì		3	
١	•	9	
(٩	
1	`	Ċ	
¢		ij	
'n		Ĵ	
١	Ċ	7	
ì	ς.	7	
	٠	٠	
i		Ň	
þ	•	d	
C		Ń	
1	•	,	
C	-	١	
1	•	,	
	•	Ĺ	
	×	•	١
	'n		
Þ	ζ	3	Ī
			Ī
	2		
h	700		
in in		2	









Chain of Custody

Tampa FL (813) 620-2000, Taliahassee FL (850) 756-0747 Deiray Beach FL (561) 689-6701

Work Order No: 7917 Houston TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio TX (210) 509-3334 Midland, TX (432) 704-5440 EL Paso TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 Phoenix, AZ (480) 355-0900

								A	lanta	GA (770	0) 449-8	800						,	www.	xenco	o.com	Page	2 of 3
Project Manager	Joel L	owry				Bill to (if differ	int)	R	b	Kie	K				7 [-		-	comments	
	Etech	Environm	nental &	Safety		Company Na	me:	Sol	ari	5					7 [Progr	am: U	ST/PS	T P	RF□	Brow	nfield⊡ RI	R Superfund
	3100 I	Plains Hig	ghway			Address:										State of Project:							
City, State ZIP	Loving	gton, NM,	88260			City, State ZI	P.									Reporting Level Devel PST/USTRED Leve							
Phone:	575-3	96-2378			Email:	it: Email Results to PM@etechenv.com + Client							Deliverables. EDD ADaPT Other										
Project Name.	Marie	entum 3	36 Sty	- SWD	#/ Tu	Turn Around ANALYSIS REQU							QUE	UEST Preserva						ervative Codes			
Project Number	150				ne 🛂		T		T	T											ниоз н	1	
		al lea		8															H2S04 H2				
Sampler's Name		rues 1		Due	Date	ervative															HCL HL		
PO#:					ese															None NO			
SAMPLE RECE	IPT	Ten	Yes No	J di															NaOH Na				
Temperature (°C)	0.00070-740-740-740-74						Containers/P															МеОН Ме	
Received Intact:	ntact: Yes No						uta			Ä												Zn Acetate	+ NaOH Zn
Cooler Custody Seal	10,23 A-40,44							E300			6												s the day recevied by the
Sample Custody Seals: Yes No N/A Total Containers							er of	le E3	1021	difi	TX1005											lab if	received by 4 30pm
Sample Ider	ntificati	on	Matrix	Date Sampled	Time Sampled	Depth	Number	Chloride	BTEX 8021	TPH Modified	THT.											Sam	ple Comments
SHA @ Surfa	æ		Soll	11/1/21		~	I	- X	X	K													
SHOOL			1	1		1'	1	1	1	1													
WHICASURFA	VO.					~																	
MHIDI						1'																	
WHO TO SUFFE	Drv /					~	and the same																
WHARI	^					1																	
WH3@SUF	aco					~		$\perp \perp$															
WH3@1						1'																	
SPI @ SWH	ace					~																	
SA112011-R			1	1		4'		14		A			<u></u>										
Total 200.7 / 6	5010	200.8 /	6020:	8R	CRA 13PP	M Texas 1	1 Al	Sb A	\s Ba	a Be	B Cd	Ca (Cr Co	Cu F	e Pt	Mg	Min	Mo Ni	KS	Se Ag	SiO	2 Na Sr	TI Sn U V Zn
Circle Method	(s) and	d Metal(s)	to be ar	nalyzed	TCLP / SF	LP 6010 8	RCR	A Sb	As	Ba B	e Cd	Cr C	o Cu	Pb M	n Mo	Nı.	Se A	g Til	j		16	631 / 245.1	/ 7470 / 7471 Hg
Notice [*] Signature of this of service. Xenco will be of Xenco. A minimum c	e liable c	only for the c	ost of same	ples and shall	not assume any	responsibility f	or any i	05565 0	r exper	ses inc	urred by	the clie	nt If suc	h losses	are du	e to cli	rcumsta	nces be	yond ti	he cont			
Relinquished	Sig)(Sig	nature	1	Receive	d by: (Signa	ture)	Date/Time Relinquished by (Signa				Signature) Received by (Signature)					Date/Time							
1 (Am) Partanes Cor -03							1111/21 4:52 2 Battany C					XX MAN IL											

11/11/2021

Page 52 of 54

Released to Imaging: 10/3/2023 9:59:52 AM

Page 53 of 54

Released to Imaging: 10/3/2023 9:59:52 AM









Chain of Custody

Houston TX (281) 240-4200, Dallas TX (214) 902-0300, San Antonio, TX (210) 509-3334

Midland TX (432) 704-5440 EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296

Hobbs NM (575) 392-7550, Carlsbad NM (575) 988-3199 Phoenix, AZ (480) 355-0900

Tampa, FL (813) 620-2000, Tallahassee FL (850) 756-0747, Delray Beach FL (561) 689-6701

Atlanta, GA (770) 449-8800

Work Order No:	70	117
HOIR Older No.		-

	Τ							10	6 /						7 [7	xenco	- The same of the	raye_			
Project Manager	Joel Lowry					Bill to: (if different) Rob Kirk									Work Order Comments										
Company Name:	Etech Environmental & Safety				Company Na	Company Name.				Solaris						Program: UST/PST PRF Brownfield RR Superfund									
Address.	3100 Plains Highway				Address:	Address:						4	State of Project:												
City, State ZIP	IP Lovington, NM, 88260				City, State ZI	City, State ZIP							Reporting Level Level PST/UST TRF Level Level												
Phone ⁻	575-396-2378 Email				ail Email Resu	Email Results to PM@etechenv.com + Client								Deliverables EDD ☐ ADaPT ☐ Other											
Project Name:	lame: Morney on 36 State SWOTH TH					Turn Around								QUE	ST				Pres	ervative Codes					
Project Number					utine 🖺																HNO3 H	1			
Project Location	Rural lea co, NM Rush			ısh 🗌	Š															H2S04 H2	2				
Sampler's Name				e Date	Date Date				. 1											HCL. HL					
PO#:	1	J					ese															None. NO			
SAMPLE REC	EIPT	Ter	mp Blank.	Yes No	Wet lo	ce. Yes No	g.															NaOH Na			
Temperature (°C)					Thermome	eter ID	ontainers/P															MeOH Me	•		
Received Intact:		Yes	No				utai	1		EX												Zn Acetate	e+ NaOH Zn		
Cooler Custody Sea	ls:	Yes N	o N/A	Correction F	actor		ပ	E300														TAT start	s the day recevied by the		
Sample Custody Se	als:	Yes N	es No N/A Total Containers				jo .	9 E3	021	Modified	TX1005										lab it	received by 4:30pm			
Sample Ide	Sample Identification Matrix Date Time Sampled Sampled				Danth	Numb	Chloride	BTEX 8021	TPH MG	XT HAT											Sample Comments				
SP2 @ SUCH	uce		501)	16/1/21		-	I	X	X	X															
CP264-	R		17	1		4'	17	Ti	1	14															
SP3 @SU	Trace		11			-	П	Π		\prod															
SP3@ 4-1	2					y'	T	Π	\Box	11	1														
SP4 (W SUR			11			2	T	11		11,															
304044			1	V		41	1	10	1	V															
7,70	`		+	-				1	1		1									1	1				
									T	1	1						1								
							1		1																
							1	1	1	1	1		1			1				1	1				
					204 400	DDM Town 1	4 0:	Ob 4	<u> </u>		2 04	<u> </u>		C., 5	- D		1.6-	f	V C	`- ^-		hin C-	TI Co II V 7-		
Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U 1631 / 245.1 / 7470 / 7471 Hg																									
Notice [.] Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.																									
Relinquished	inquished by: (Signature) Received by: (Signa					nature)	T	Date/Time			R	Relinquished by: (Sign				nature) Received by (Signat							Date/Time		
						-				-					11/1/ AMANO										

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-7917-1

SDG Number: Rural Lea Co, NM

Login Number: 7917 List Source: Eurofins Xenco, Midland

List Number: 1

Creator: Teel, Brianna

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
ls the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Released to Imaging: 10/3/2023 9:59:52 AM



April 27, 2022

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

RE: MOMENTUM 36 STATE SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 04/22/22 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

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:
 04/22/2022
 Sampling Date:
 04/22/2022

 Reported:
 04/27/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: FS 1 @ 3' (H221669-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150 0.150		04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.0	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Received: 04/22/2022 Sampling Date: 04/22/2022 Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 2 @ 3' (H221669-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.4	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/22/2022 Sampling Date: 04/22/2022

Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 3 @ 3' (H221669-03)

BTEX 8021B	mg,	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.1	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/22/2022 Sampling Date: 04/22/2022

Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

mg/kg

Sample ID: FS 4 @ 4' (H221669-04)

BTEX 8021B

	9,	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.7	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/22/2022 Sampling Date: 04/22/2022

Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

mg/kg

Sample ID: FS 5 @ 4' (H221669-05)

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		04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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:

mg/kg

Received: 04/22/2022 Sampling Date: 04/22/2022

Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

Sample ID: FS 6 @ 4' (H221669-06)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	a by. 1-15/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	96.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.4	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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:
 04/22/2022
 Sampling Date:
 04/22/2022

 Reported:
 04/27/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

mg/kg

Sample ID: FS 7 @ 5' (H221669-07)

BTEX 8021B

	9,	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.8	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 04/22/2022 Sampling Date: 04/22/2022 Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 8 @ 5' (H221669-08)

BTEX 8021B	mg,	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.3	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/22/2022 Sampling Date: 04/22/2022

Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15041 Sample Received By:

Project Location: **SOLARIS**

Sample ID: EW 1 (H221669-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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: 04/22/2022 Sampling Date: 04/22/2022

Reported: 04/27/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

mg/kg

Sample ID: NW 1 (H221669-10)

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		04/26/2022	ND	2.10	105	2.00	5.31	
Toluene*	<0.050	0.050	04/26/2022	ND	2.06	103	2.00	5.33	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.98	99.1	2.00	5.35	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	5.07	
Total BTEX	<0.300	0.300	04/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/25/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/26/2022	ND	194	97.0	200	0.476	
DRO >C10-C28*	<10.0	10.0	04/26/2022	ND	179	89.4	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	04/26/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.4	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 101 East Marland, Hobbs, NM 88240

	(575) 393-2326 F/	AX (575) 393-24	176																											
Company Nam		tal & Safety Solut	ions	, Inc	0.							81	LL	TO							AN	ALY	/SIS	SR	EQL	JES	T			
Project Manag	er: Toel lowry								P.	0.1	:							T			T	T			T	T				
Address: 26	17 W Marland								C	omp	an	y 5	da	ris																
City: Hobbs		State: NM	Zip	: 88	240				A	ttn:	Ro	06	KI	irk																
	75) 264-9884	Fax #:							A	ddre	255	:				1														
Project #: 15	041	Project Owner							C	ity:																				
Project Name:	Momentum .	36 State	Su	10 -	#	1			Si	tate			Zip	:			TPH (8015M)		BTEX (8021B)											
Project Location	on:								PI	hone	e #:	:				Chloride	801		(80)											
Sampler Name	: Aaron Rios								Fá	ax#	:					등	H		EX											
FOR LAB USE ONLY						M	ATR	IX	7	PR	ES	ERV.	5	SAMPLI	NG	1	F		B											
Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE	CE / COOL	OTHER:		DATE	TIME															
1	FS 1. (A)	3 <i>F</i> +	Ť	X			X			1				22-22		X	X	1	X		1	+			+	+				_
a	FS 2. 1	3 Ft		Ť			Ì	1	1	T				1		1	1	1	1		1	1				1			1	
3	FS 3. B	3Ft								T								T												
4	F5 4. @	4年																				T								
5	FS 5. (A)	4 Ft																												
V	FS 6 B	4Ft		Ш			1	1	-	1	-					1	1	1	L		-	1								
7	FS 7. 1	5F4		Щ		-	-	-	-	1	-		_			11	H	1	_		+	+			1	+		_	-	
8	F5 8. (1)	5F4		\mathbb{H}		-	4	+	+	1	-	-	-			-	1	+		-	+	+		-	+	+	_	-	+	
	EW 1			t	\vdash	-	-	+	+	1	-	+	1			W	W	4	1	-	+	+		_	+	+	-	 -	+	_
PLEASE NOTE: Liability of	and Damages. Cardinal's liability and clie	ont's exclusive remedy for an	ny clain		g whel	her bas	ed in a	contrac	at or to	rt, sha	I be I	limited t			by the client for	the			_			_							1	_
analyses. All claims includ	ding these for negligence and any other Cardinal be liable for incidental or conse	cause whatnoover shall be o	Jeemed	WORK	ed unie	ss mad	o in we	Ming in	nd rec	eived b	y Ca	rdinal v	rithin 3	O days after	r completion of t	he applica	ble													
Relinquished B	ning out of or related to the performance	Date:			red		er suc	Cinim	C.	eed up	oon ar	Ny of the	e abov	e stated re-	Phone Re Fax Resu REMARK	sult: lt:	01			No No		i'l Ph I'l Fa		#:						
Relinquished B	3y:	Date:	Re	ceiv	ed i	By:				1			(7			•													
Delivered By	r: (Circle One) 20				(amp Cool	Int	act			CH <	(Init		BY:	Please e	email r	esul	lts a	and	сору	of C	oC t	o pr	n@e	tech	env.	.com			

FORM-006

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



April 29, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: MOMENTUM 36 STATE SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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: 04/26/2022

Sampling Date: 04/26/2022 Sampling Type: Soil

Reported: 04/29/2022 Project Name: MOMENTUM 36 STATE SWD #1

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Project Number: 15041
Project Location: SOLARIS

Sample ID: WW 3 (H221721-01)

BTEX 8021B	mg,	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/28/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.5	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15041 Sample Received By:

Project Location: **SOLARIS**

Sample ID: WW 4 (H221721-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/28/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.6	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: WW 5 (H221721-03)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/28/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.1	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: WW 6 (H221721-04)

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	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/28/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.8	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15041 Sample Received By:

Project Location: **SOLARIS**

Sample ID: EW 3 (H221721-05)

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	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/28/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SOLARIS

ma/ka

Sample ID: EW 4 (H221721-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/28/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	78.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15041 Sample Received By:

Project Location: **SOLARIS**

Sample ID: EW 5 (H221721-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	04/28/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.6	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: EW 6 (H221721-08)

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	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.5	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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:

mg/kg

04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: EW 7 (H221721-09)

Received:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.09	105	2.00	0.574	
Toluene*	<0.050	0.050	04/28/2022	ND	2.06	103	2.00	0.270	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.07	103	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.14	102	6.00	0.00863	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	98.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: SW 1 (H221721-10)

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	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: FS 9 @ 5' (H221721-11)

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	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.0	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 10 @ 5' (H221721-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	102 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Applyzod By: 14

Sampling Date:

04/26/2022

Reported: Project Name:

Received:

RTFY 8021R

04/26/2022 04/29/2022

Sampling Type:

Soil

Project Number:

MOMENTUM 36 STATE SWD #1

Sampling Condition: Sample Received By: ** (See Notes)
Shalyn Rodriguez

Project Location:

15041 SOLARIS

Sample ID: FS 11 @ 4.5' (H221721-13)

B1EX 8021B	mg,	r Kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 12 @ 4' (H221721-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	100 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 13 @ 4' (H221721-15)

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	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	< 0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	< 0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	132 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	151 %	59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 14 @ 4.5' (H221721-16)

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	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	110	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SOLARIS

Sample ID: FS 15 @ 4.5' (H221721-17)

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	04/28/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/28/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 16 @ 4.5' (H221721-18)

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	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.3	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: WW 1 (H221721-19)

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	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	95.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	22						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Kreine



Analytical Results For:

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

Fax To:

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SOLARIS

ma/ka

Sample ID: WW 2 (H221721-20)

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	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	< 0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	< 0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	196	98.1	200	4.50	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	184	92.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 17 @ 4.5' (H221721-21)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.6	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 18 @ 4.5' (H221721-22)

BTEX 8021B

DILX GOZID	mg/	ng .	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 19 @ 4.5' (H221721-23)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	04/28/2022	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	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.4	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 20 @ 4.5' (H221721-24)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.0	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 21 @ 4.5' (H221721-25)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.7	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



04/26/2022

Soil

Analytical Results For:

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

Sampling Type:

Received: 04/26/2022 Sampling Date:

04/29/2022

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 22 @ 4' (H221721-26)

Reported:

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	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	92.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.7	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: WW 7 (H221721-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.1	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15041 Sample Received By:

Project Location: **SOLARIS**

Sample ID: WW 8 (H221721-28)

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	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/28/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

 Received:
 04/26/2022
 Sampling Date:
 04/26/2022

 Reported:
 04/29/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: EW 8 (H221721-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	1.91	95.7	2.00	6.91	
Toluene*	<0.050	0.050	04/29/2022	ND	1.98	99.2	2.00	9.75	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.01	100	2.00	6.46	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	5.92	98.6	6.00	7.04	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/28/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.6	% 59.5-14	22						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 04/26/2022 Sampling Date: 04/26/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15041 Sample Received By:

Project Location: **SOLARIS**

Sample ID: EW 9 (H221721-30)

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	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/28/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.1	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Etech Er	nvironmental &	Safety Solu	tions	s, Inc).						2	8/1	LTO							AN	ALY	SIS	REQL	JEST			
Project Manage	r. Joel 4	sury								P.(0. #	:							T	T		T	T	T	T	T	T	T
Address: 261	7 W Marland									Co	mp	any	S	loris	5													
City: Hobbs		S	tate: NM	Zip	: 88	240				-	_		-	Kirk														
Phone #: (57	5) 264-9884	F	ax #:								dre		-										- 1					
Project #: 150	241	P	roject Owne	r:						Cit	v:																	
Project Name:					in	#	4				ite:			Zip:				N	1 g									
Project Locatio			0104.0	7,00		11					one	#-	_				P	016	802									
Sampler Name:		Rins		_					_		x #:						Chloride	TPH (8015M)	RTEX (8021B)									
FOR LAB USE ONLY				T	T		M/	ATR	IX		-	ESE	RV.	SAMPL	ING			F	1 6									
Lab I.D.	Sa	ample I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	Oil	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIA	AE.												
1	ww	3.			X		\ \						٦				X	X										
2	ww	4,			1		1										1	1	1									
3	ww	5.																										
4	ww	6.																										
5	Ew	3.																										
5 47	Ew	4.			Ш														П									
	Ew	5.						-											П	1								
8	Ew	6.		L		1	-11	1	-				1		_		4		Ш		-	-	-	-				
9	Ew	7.		-		\vdash	-11	-	-				-		-		1	4	11	-	-	+	-	-	1	-	-	-
PLEASE NOTE: Liability a	Sw	la final la condicionata co	volunius nomandu for	nu cloir	V	a widooff	V	din a		or tool	aball	ho line		the emoint or	id by the of	and for	U	V	U									
analyses. All claims includi service. In no event shall C	ing those for ringligeno	e and any other cause	whatsoever shall be	deeme	d waiv	ed unier	s made	in wri	iting and	recei	wed by	Cord	inal will	hin 30 days aft	nr completi	on of th	e applicat	bie										
efficies or successors aris	ng out of or related to	the performance of ser	rvices hereunder by (ardina	i, regar	diess of	whethe								easons or o	therwis	0.	FI V		DN	I A de	9 DL	ma Ma					
Relinquished B	y:	T	ate: -210-22 ime/6 55	Re	S	red E	d.	e	ic	1/	1	2		2	Phon Fax R	esuit	t:	□ Ye		□ No		1 Pho						
Relinquished B	1.	Ti	ate:	Re	ceiv	ed E	By:							0	Pleas	se e i	mail r	esult	s an	d cor	y of C	oC to	pm@	etech	env.co	om.		
Delivered By)C-0	.5	3	C	lool	int	onditi act Yes No		<		CKE	D BY:														

FORM-006 Revision 1.0

Received by OCD: 7/12/2023 11:50:05 AM

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

Page 34 of 35

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

ompany Name: Etech Environmental & Safety Sc	lutions,	Inc.				8/1	LTO						ANA	LYSI	S RI	EQUE	ST		
roject Manager Joel Coury				P.	O. #:														
address: 2617 W Marland				Co	ompany	S	laris												
ity: Hobbs State: NM	Zip:	88240		Att	tn: Ro	6	Kirk		1		1								
thone #: (575) 264-9884 Fax #:				Ad	dress:				1										
roject #: /504/ Project Own	er:			Cit	ty:				1				1		1				
roject Name: Momentum 36 State	SAUL	0 #1	,		ate:	-	Zip:		1.	E	18						1 1		
roject Location:	7.00	1. 6.			one #:				Chloride	TPH (8015M)	BTEX (8021B)						1 1		
ampler Name: Aoson Rios					x #:				1 ह	E E	X								
FOR LAB USE ONLY	TT	M	ATRIX		PRESE	RV.	SAMPL	NG	1	1	BTI								
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER	OIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL	OTHER:	DATE	TIME											
11 FS 9. 05 FH		X	(T	4-26-22		X	X	X					T			T
12 FS 10 B 5H							1		1		I								
13 FS 11. A 4/2F																			
14 FS 12. @ 4 Ft	1					1					Ш								
15 FS 13. @ 4 F1	+					1			1		Ш	-			-	-			
16 FS 14. A 45.F1	+		-	-		+			1	1	1	-	-	-	-	-			-
17 FS 15. 6 45F	++		++	-		+			-	1	1	-	-	-	-	-	-	-	-
18 FS 16. A 45 FT	+		++	+	\vdash	+	1		1	1	11	+	-	-	-	-	-	-	+
20 WW 1.	-		,	+		+	V		1	11,	11/	-	-	-	+-	-	-	_	-
EASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for	any claim a	rising whether bas	ed in contra	act or tort	t, shall be limi	and to	the amount pair	by the client for	V	0	V	_			1				
niyses. All claims including those for negligence and any other cause whateover shall vice. In no event shall Cardinal be liable for incidental or consequential damages, includiates or successors arising out of or related to the performance of services hereunder tellinquished By: Date: University of the property of the performance of services hereunder tellinquished By:	ing without in Cardinal, re	mitation, business	interruption	s, loss of	fuse, or loss	of prof	its incurred by c	lient, its subsidier	ries, se. sult: lt:	□ Ye		No No		Phone Fax #:					
elinquished By: Date: Time:		eived By:	NR	19		人	8	Please e		esults	s and	CODY	of Co(C to p	m@e	lecher	av com		
Delivered By: (Circle One) (4.3°) C-D ampler - UPS - Bus - Other: 13.8°		Cool	Intact			CKE	D BY:			J- 4011		2-10)		_ 10 p					

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

Company Name	e: Etecr	Environn	nental 8	& Safety Solu	tions	, Inc	2.						-	BIL	LL	TO							AN	ALYS	SIS	RE	QUE	ST			
Project Manage	er: Joel	Cour	1								P.C	D. #	:						T			T	T		1						T
Address: P.C	D. Box 301	,									Co	mp	any	: 5	colo	Wis	5														
City: Lovingt	ton		S	tate: NM	Zip	: 88	260				Att	n: /	Ro	6	KI	IKK						1									
Phone #: (57	5) 396-237	78	F	ax #: (575) 3	396-1	429					Ad	dre	SS:																		
Project #: /50	041		P	roject Owne	r:						Cit	y:																			
Project Name:	mom.	entin	1 30	6 State	,	Su	O.O.	#	1.		Sta	ite:			Zip:					SM)	21B										
Project Locatio		-1010										one	#:					Chloride		801	(80										
Sampler Name:	Aoron	Rics										K #:						흥		TPH (8015M)	BTEX (8021B)										
FOR LAB USE ONLY					T			M	ATRI	X		PRI	ESE	RV.	SA	AMPL	NG			=	B									1	
Lab I.D.		Sampl	e I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	D	ATE	TIME														
	FS	17.	0	42 Ft	T	X		1	(_	16-21		X		X	X										
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FS FS FS	18.	A	45 Ft		Ti									1	1				1	1										
23	FS	19.	6	45 Ft																											
24	FS	20.	B	45 F1																											
25	FS FS	21.	6	42 FF		11													1												
26		22.	A	4 Ft		1												\perp	1			_	-	_							
27	ww	7.			_	1		-11	-	-								11	+	Н	1	-	-	1	1			-			
28	ww	8.			1	1		\perp	+	-		Щ		-				11	+	Н	1	-	+	-	1			-	-	-	
20	Ew 3	8.			+	H	\vdash	-	,	-	H			-	A	1		1	-		1	+-	+	+	+	-		-	-	-	-
PLEASE NOTE: Liability a	EW and Damages, Ca	q.	nd client's a	actualya ramedy for	any clai	m arisis	no wher	her bas	ed in co	onfract	or tort	shall	be lim	alled to	the arr	nount pai	d by the client t	or the	1		V		1						_		
analyses. All claims includes service. In no event shall (ing those for neg	figence and any	other cause	e whatsoever shall be	deeme	d waiv	nd unle	es mad	o in writ	ing and	i recei	wod by	Card	inal wi	ithin 30	days alto	r completion of	the applic	cable												
Relinquished B	ing out of or relat		nance of se	ervices hereunder by	Cardine	i, rega		e wheth										viso.	Г	Yes	1 2	No	Aric	'l Pho	ne #				_		
Nemiquisited b	·y.		T	ime: 55	7	3	1	0	K	1	9	1		e	N	1	Fax Resi	ult:		Yes		No		1 Fax							
Acron R	65		D	Time:	Re	cei	/ed	Ву:			1					8	Please	email	res	sults	to p	m@e	eteche	env.co	om.						
Delivered By Sampler -UPS	: (Circle	- (4.3	8c #1	.5	00		iampl Cool Ye	Inta	act				Initi	ED B	Y:															

FORM-006 Revision 1.0

Received by OCD: 7/12/2023 11:50:05 AM



April 29, 2022

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

RE: MOMENTUM 36 STATE SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 04/27/22 16:10.

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

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

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

Accreditation applies to public drinking water matrices.

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: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyand By MC/

Project Location: SOLARIS

Sample ID: FS 23 @ 4' (H221740-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

Sample ID: FS 24 @ 4' (H221740-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1740	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Received: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

Sample ID: FS 25 @ 4' (H221740-03)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 15041

Project Location: **SOLARIS**

Sample ID: WW 9 (H221740-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109 9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: WW 10 (H221740-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	104 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 9	59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

ma/ka

Sample ID: WW 11 (H221740-06)

RTFY 8021R

Result < 0.050 < 0.050	Reporting Limit 0.050	Analyzed 04/29/2022	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		04/29/2022						Quaoi
<0.050			ND	2.12	106	2.00	0.955	
	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
<0.300	0.300	04/29/2022	ND					
101 9	% 69.9-14	0						
mg/	'kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	04/28/2022	ND	416	104	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
<10.0	10.0	04/28/2022	ND					
99.4	% 66.9-13	6						
115 9	% 59.5-14	2						
	<0.300 101 9 mg/ Result 32.0 mg/ Result <10.0 <10.0 <99.4 9	<0.300 101 % 69.9-14 mg/ky Result Reporting Limit 32.0 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <99.4 % 66.9-13	<0.300 0.300 04/29/2022 Result Reporting Limit Analyzed Analyz	<0.300 04/29/2022 ND 101 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	<0.300 04/29/2022 ND 101 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	<0.300 04/29/2022 ND 101 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS % Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	< 0.300 04/29/2022 ND 101 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	< 0.300 04/29/2022 ND 101

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 15041

Project Location: **SOLARIS**

Sample ID: WW 12 (H221740-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	96.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Received: 04/27/2022 Sampling Date: 04/27/2022 Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 15041

Project Location: **SOLARIS**

Sample ID: EW 10 (H221740-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.8	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Received: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

ma/ka

Sample ID: EW 11 (H221740-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.3	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

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

Fax To:

Received: 04/27/2022 Sampling Date: 04/27/2022

Reported: 04/29/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

ma/ka

Sample ID: EW 12 (H221740-10)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/29/2022	ND	2.12	106	2.00	0.955	
Toluene*	<0.050	0.050	04/29/2022	ND	2.10	105	2.00	0.860	
Ethylbenzene*	<0.050	0.050	04/29/2022	ND	2.02	101	2.00	1.16	
Total Xylenes*	<0.150	0.150	04/29/2022	ND	6.30	105	6.00	1.08	
Total BTEX	<0.300	0.300	04/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/28/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	191	95.6	200	6.38	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	187	93.5	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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



Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Kune

Page 13 of 13

E.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name			THE RESERVE OF THE PERSON NAMED IN	575) 393-24 Safety Solut	_	, Inc	2.		_	_		_	1	311	LL TO	-	-		_	_		AN	ALY	SIS	RE	QUE	ST	_			
Project Manage			wry		_					-	P.(). #:	_						T			T	T	T			T	T	T	T	
Address: P.O											Co	mpa	any:	.8	daris																
City: Lovingto	on		Str	ate: NM	Zip	: 88	260				Att	n:	Ro	6	Kirk																
Phone #: (57	5) 396-23	378	Fa	x#: (575) 3	96-1	429						dres		_																	
Project #: 150	041		Pro	oject Owner							Cit	y:																			
Project Name:		nentu	m 36	State		Su	uD	#	-1.		Sta	ite:			Zip:		9	TPH (8015M)		BTEX (8021B)							1				
Project Location											Ph	one	#:				Chloride	801		(80)											
Sampler Name:	Aaro	n Rio	5								Fa	x #:					F	H		EX											
FOR LAB USE ONLY						Г		M	ATRI	X		PRE	ESEF	RV.	SAMPLI	NG		F		8											
Lab I.D.		Sampl	le I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME															
1	FS	23.	4 5	YFF		X			X				X		4-27-22		X	X		X											
à	FS FS	24.	6	45									1				1		1	1											
304597	FS	25,	A	44	L	1			1					4						+	_	-	+	-		_	+	-	-	_	
4	ww	9.			-	Н		-	-	-	-		4	-			\vdash	\vdash	+	+	-	+	+	+		-	-	+	-	-	
5	ww	10,			-	Н	L	-	-	+	-		-	\dashv			\vdash		+	+	-	+	+	+		-	+	+	+	-	
9	ww	11.			-	H	\vdash	-	H	+			+	\dashv			+		+	+	-	+	+	+			+	+	+	-	
7	WW	12.			\vdash	H	-		+	+	-			-			H	H	+	+	-	+	+	+			+	+	+	+	
8	ew e.	10.			\vdash	H	\vdash	+	+	+	-			+			+	H	+	1	-	+	+	+			+-	+	+	-	
10	Ew	12.				P	-		1	+	+		T	1			V	1	1	1	-	+	+	+			+	+	+	1	
PLEASE NOTE: Liability a	nd Dameges	Cardinel's liability	and client's ou	clusive remedy for a	ny clai	m ariei	ng wh	ther bas	ed in o	onlyac	or tor	t, shall	be im	ited to	o the amount pair	by the client for	the	···	_				_				_	_	_	_	
analyses. All claims includ service. In no event shall C affiliates or successors aris	ing those for n ardinal be lieb	egligence and any se for incidental o	L correctnesses	shatoover shall be I damages, including	witho	ut limit	ullon, i	outlines outlines	interru	ptions,	loss of	fuon,	or loss	of pro	offite incurred by c	lient, ile subside	rios,														
Relinquished B	y:	seted to the perfo	Da	初初	R	cei	ved	By:	O'	Camer	A Des	d upo	on any	A	A STATE OF THE STA	Phone Re Fax Resu REMARK	lt:	O Y			No		"I Pho					-			
Relinquished B	4	a Owel		ite:		ecei		By:		U di	1	_	CUE	CV	ED BY:	Please e	mail ı	resul	its t	o pi	m@e	eteche	env.c	om.							
Sampler - UPS	- Bus	- Other:	2.90)C-0	.5	اح		Cool	Int	act		-	-		ials)																

FORM-006 Revision 1.0

Received by OCD: 7/12/2023 11:50:05 AM



May 04, 2022

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

RE: MOMENTUM 36 STATE SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 04/29/22 16:15.

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

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

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

Accreditation applies to public drinking water matrices.

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:
 04/29/2022
 Sampling Date:
 04/29/2022

 Reported:
 05/04/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

A ... - I. ... - - I D. .. MC\

Project Location: SOLARIS

Sample ID: FS 26 @ 4' (H221795-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.07	103	2.00	2.64	
Toluene*	<0.050	0.050	05/03/2022	ND	2.05	102	2.00	2.05	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.03	102	2.00	2.72	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.29	105	6.00	3.10	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	204	102	200	2.43	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	227	113	200	0.127	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	137	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: FS 27 @ 4' (H221795-02)

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	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	204	102	200	2.43	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	227	113	200	0.127	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	114	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	133	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 28 @ 4' (H221795-03)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	97.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 29 @ 4' (H221795-04)

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	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: FS 30 @ 4' (H221795-05)

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	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1970	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: FS 31 @ 4' (H221795-06)

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	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118	% 59.5-14	12						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Kreine



Analytical Results For:

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

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: FS 32 @ 4' (H221795-07)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	05/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil
Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: **(

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: SOLARIS

Sample ID: FS 33 @ 4' (H221795-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

mg/kg

Sample ID: FS 34 @ 4' (H221795-09)

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	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 04/29/2022 Sampling Date: 04/29/2022

Reported: 05/04/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: EW 13 (H221795-10)

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	05/03/2022	ND	2.01	100	2.00	3.66	
Toluene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.86	
Ethylbenzene*	<0.050	0.050	05/03/2022	ND	2.16	108	2.00	4.18	
Total Xylenes*	<0.150	0.150	05/03/2022	ND	6.48	108	6.00	4.67	
Total BTEX	<0.300	0.300	05/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2022	ND	216	108	200	2.12	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	229	114	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106 9	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

11:50:05

7/12/2023

Received by OCD:

Page 13 of 13

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 BILL TO Etech Environmental & Safety Solutions, Inc. Company Name: **ANALYSIS REQUEST** Project Manager: 200 P.O. #: COUR Address: P.O. Box 301 Zip: 88260 Lovington State: NM (575) 396-2378 Fax #: (575) 396-1429 Phone #: Address: Project #: 1504 **Project Owner:** City: BTEX (8021B) TPH (8015M) Momentum 36 State SWD #1. Project Name: State: Zip: Chloride **Project Location:** Phone #: Sampler Name: Fax #: MATRIX PRESERV. SAMPLING FOR LAB USE ONLY G)RAB OR (C)OMP GROUNDWATER CONTAINERS VASTEWATER Sample I.D. Lab I.D. ACID/BASE CE / COOL SLUDGE SOIL H221795 TIME DATE 26, 4Ft 2 3 28 4Ft 4 FS 30. 5 FS 49 31 3) 4H 4Ft 34 FS 9 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 arvice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, how of use, or low of prefix incurred by client, its subsidiaries listes or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated rea Relinquished By: Phone Result: ☐ Yes □ No Add'l Phone #: Received By: ☐ Yes □ No Add'l Fax #: Fax Result: REMARKS: Time Relinquished By: Date: Time: Please email results to pm@etechenv.com. Sample Condition CHECKED BY: Delivered By: (Circle One) 34,12 C-0.50 Cool Intact

FORM-006 Revision 1.0

Sampler - UPS - Bus - Other:

Yes Yes

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



May 10, 2022

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: MOMENTUM 36 STATE SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 05/04/22 15:46.

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

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

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

Accreditation applies to public drinking water matrices.

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: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

mg/kg

Sample ID: FS 35 @ 4' (H221871-01)

BTEX 8021B

	****91	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	05/06/2022	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	05/09/2022	ND	188	93.8	200	2.17	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	191	95.6	200	2.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.6	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 15041

Project Location: **SOLARIS**

Sample ID: FS 36 @ 4' (H221871-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	188	93.8	200	2.17	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	191	95.6	200	2.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	75.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.7	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: FS 37 @ 4' (H221871-03)

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	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	05/06/2022	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	05/09/2022	ND	188	93.8	200	2.17	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	191	95.6	200	2.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	71.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.9	% 59.5-14	12						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: FS 38 @ 4' (H221871-04)

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	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	< 0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/06/2022	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	05/09/2022	ND	188	93.8	200	2.17	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	191	95.6	200	2.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	68.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	68.4	% 59.5-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Fax To:

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15041 Shalyn Rodriguez

Analyzed By: MS/

Project Location: **SOLARIS**

Sample ID: FS 39 @ 4" (H221871-05)

BTEX 8021B

	9/	9	71.14.1, = 0	7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.1	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

Sample ID: FS 40 @ 4" (H221871-06)

BTEX 8021B

DIEX 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	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
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	05/06/2022	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	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	76.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Γαχ

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

Sample ID: FS 41 @ 4" (H221871-07)

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	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	68.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	68.7	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

Sample ID: FS 42 @ 4" (H221871-08)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: м5/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	679	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	69.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

Sample ID: FS 43 @ 4" (H221871-09)

BTEX 8021B

	9/	9	7	7: : : : 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	44400	16.0	05/06/2022	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	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	72.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.5	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

Sample ID: FS 44 @ 4" (H221871-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.09	105	2.00	7.02	
Toluene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	6.41	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.91	95.7	2.00	6.89	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.95	99.2	6.00	6.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42800	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 45 @ 4" (H221871-11)

BTEX 8021B

DILX GOZID	mg/	ng .	Andryzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	1.99	99.7	2.00	2.59	
Toluene*	<0.050	0.050	05/10/2022	ND	2.05	103	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.22	111	2.00	1.74	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.82	114	6.00	2.04	
Total BTEX	<0.300	0.300	05/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	44400	16.0	05/06/2022	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	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: SOLARIS

Sample ID: FS 46 @ 4" (H221871-12)

BTEX 8021B

DIEX OUZID	11197	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.99	99.7	2.00	2.59	
Toluene*	<0.050	0.050	05/09/2022	ND	2.05	103	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	2.22	111	2.00	1.74	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	6.82	114	6.00	2.04	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	05/06/2022	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	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.4	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

Sample ID: FS 47 @ 4" (H221871-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	46400	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.0	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: FS 48 @ 4" (H221871-14)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28800	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	70.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.7	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: FS 49 @ 4" (H221871-15)

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	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	05/06/2022	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	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	71.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.8	% 59.5-14	12						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: FS 50 @ 4" (H221871-16)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.3	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Analyzed By: MS/

Project Location: SOLARIS

Sample ID: FS 51 @ 4" (H221871-17)

BTEX 8021B

	<u> </u>			. , .,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34000	16.0	05/06/2022	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	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.7	% 59.5-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

Sample ID: FS 52 @ 4" (H221871-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	44000	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					
Surrogate: 1-Chlorooctane	70.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.6	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 15041

Project Location: **SOLARIS**

Sample ID: FS 53 @ 4" (H221871-19)

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	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36000	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	75.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.3	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: FS 54 @ 4" (H221871-20)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	28000	16.0	05/06/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	15.8	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	70.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 15041

Project Location: **SOLARIS**

Sample ID: EWB 5 (H221871-21)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/06/2022	ND	432	108	400	3.64	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	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	83.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.7	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

ma/ka

Sample ID: EWB 7 (H221871-22)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	05/06/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

ma/ka

Sample ID: EW 14 (H221871-23)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/06/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 15041 Shalyn Rodriguez

Project Location: **SOLARIS**

Sample ID: EW 15 (H221871-24)

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	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/06/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	190	95.0	200	8.32	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	182	91.2	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.5	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Applyzod By: MC/

Project Location: SOLARIS

ma/ka

Sample ID: EW 16 (H221871-25)

RTFY 8021R

BIEX 8021B	mg,	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	< 0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	< 0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/06/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	213	107	200	10.3	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	196	98.1	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

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

Received: 05/04/2022 Sampling Date: 05/03/2022

Reported: 05/10/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: Cool & Intact
Project Number: 15041 Sample Received By: Shalyn Rodriguez

Project Location: SOLARIS

Sample ID: WW 15 (H221871-26)

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	05/09/2022	ND	1.94	97.0	2.00	4.72	
Toluene*	<0.050	0.050	05/09/2022	ND	1.92	96.1	2.00	4.69	
Ethylbenzene*	<0.050	0.050	05/09/2022	ND	1.82	91.2	2.00	4.06	
Total Xylenes*	<0.150	0.150	05/09/2022	ND	5.67	94.4	6.00	4.24	
Total BTEX	<0.300	0.300	05/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	05/06/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2022	ND	213	107	200	10.3	
DRO >C10-C28*	<10.0	10.0	05/09/2022	ND	196	98.1	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	05/09/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.2	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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.

Celeg D. Freene

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

City: Lovington State: NM Zip: 88260 Attn: No All State: Zip: Project St. (575) 396-1429 Address: City: City: State: Zip: Project Location: Phone 8: State: Zip: Phone		(575) 393-2326 FA																										
Address: P.O. Box 301 City: Lovington				ions	, Inc							B	IL	LTO						AN	ALY:	SIS	REQ	UES	T			
City: Lovington		r. Joel lowr	4							P.C). #:			,														
Prione #: (575) 396-2378	Address: P.C	D. Box 301								Co	mpa	ıny:	S	avi	5											1		
Phone 8: (575) 386-2378	City: Lovingt	on	State: NM	Zip:	882	260				Attı	n: /	Rot	5 1	tirk							1							
Project Name: Momentum 36 State Sub # State: Zip: 9 50 8	Phone #: (57	5) 396-2378	Fax #: (575) 3	96-1	429																							
Project Name: Momentum 36 State Sub # State: Zip: 9 50 8	Project#: /5	041	Project Owner	•						City	<i>f</i> :							1										
Lab I.D. Sample I.D. Sample I.D. Sample	Project Name:	Momen tum	36 State	54	10	#	1.			Sta	te:		Z	ip:			SM)	100										
Lab I.D. Sample I.D. By										Pho	one	#:				or o	801	0	0									
Lab I.D. Sample I.D. By	Sampler Name:	Haron Rios								Fax	#:					5	Ĭ	1	< L								1	
HOURT IS AS, BUFF X X X X B B B B B B B B B B B B B B B							MA	TRI)	(PRE	SER	V.	SAMPLI	NG	1	=	1								- 1		
HOURT IS AS, BUFF X X X X B B B B B B B B B B B B B B B	Lab I.D.	Sample I	.D.	OR (C)OMP	INERS	WATER	WATER				SE.	2																
FS 35. @ 4 Ft 3				(G)RAB (# CONTA	GROUNE	WASTEY	OIL	SLUDGE	OTHER:	ACID/BA	CE / CO			TIME													
## FS 39. 0 4 in ## FS 39. 0 4 in ## FS 39. 0 4 in ## FS 40. 0		FS 35.			X		7	1					1	5321		V	X		X									
PLEASE NOTE: Liability and Durwages. Cardinal's liability and client's exclusive remote for eny claim arising whether bread in contract or tort, shall be limited to the amount paid by the client for tive analyses. All claims including those for negligence and any other causes whatesource shall be deermed watered univers made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, in subsidiaries, editions or successors arising out of or related to the performance of services horeacuter by Cardinal, experience of the above stated resource or contention. Relinquished By: Phone Result: Yes No Add'l Phone *:	2		Ø 4 Ft											1		1												
PLEASE NOTE: Liability and Damages. Cardinal's liability and offend's exclusive remoty for any claim artising whether besed in contract or tort, shall be limited to the amount paid by the client for the applicable service. In no event shall Cardinal be liable for incidental or consequential diamages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, in substitiation or aucossensors artising out of or related to the parformance of services hereundar by Cardinal's besed upon any of the above stated reasons or otherwise. Relinquished By: Date: Received By: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: Remarks: H Contract Contract	3	FS 37.	0 4 Ft																									
PLEASE NOTE: Liability and Durwages. Cardinal's liability and client's exclusive remote for eny claim arising whether bread in contract or tort, shall be limited to the amount paid by the client for tive analyses. All claims including those for negligence and any other causes whatesource shall be deermed watered univers made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, in subsidiaries, editions or successors arising out of or related to the performance of services horeacuter by Cardinal, experience of the above stated resource or contention. Relinquished By: Phone Result: Yes No Add'l Phone *:	4	ES 38.											1				Ш				-							
PLEASE NOTE: Liability and Durwages. Cardinal's liability and client's exclusive remote for eny claim arising whether bread in contract or tort, shall be limited to the amount paid by the client for tive analyses. All claims including those for negligence and any other causes whatesource shall be deermed watered univers made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, in subsidiaries, editions or successors arising out of or related to the performance of services horeacuter by Cardinal, experience of the above stated resource or contention. Relinquished By: Phone Result: Yes No Add'l Phone *:	5	FS 39.	0 4 in		Ш			_					1				Ш	1								_		
PLEASE NOTE: Liability and Durwages. Cardinal's liability and client's exclusive remote for eny claim arising whether bread in contract or tort, shall be limited to the amount paid by the client for tive analyses. All claims including those for negligence and any other causes whatesource shall be deermed watered univers made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, in subsidiaries, editions or successors arising out of or related to the performance of services horeacuter by Cardinal, experience of the above stated resource or contention. Relinquished By: Phone Result: Yes No Add'l Phone *:	Q				Ш		\perp						1			Н					-		_			-		
PLEASE NOTE: Liability and Durninges. Cardinal's liability and client's exclusive remedy for any claim arising whether bread in contract or tort, shall be limited to the amount paid by the client for tive analyses. All claims including those for negligence and any other cause whetherover shall be described to liable for incidental or consequential damages, including without limitation, business interruptions, loss of see, or loss of profits incurred by client, in substitutions or successors arising out of or related to the performance of services increasable by Cardinals, supplicable of the applicable of the applicable of the performance of services increasable by Cardinals, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Received By: Phone Result: Yes No Add'l Phone *: Fax Result: Yes No Add'l Fax #: REMARKS: H Charles Cardinals	7	FS 41.											1			1		\perp			+		1	_				
PLEASE NOTE: Liability and Durnages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the enalyses. All claims including those for negligence and any other cause whateover shall be cerned waterd univers made in writing und received by Cardinal within 30 days after completelin of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without irralization, business interruptions, loss of see, or loss of profile incurred by client, its substitutions. Relinquished By: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: Remarks: Fax Result: Yes No Add'l Fax #: Remarks: Phone Result: Yes No Add'l Fax #: Remarks: Yes No Add'l Fax #: Remarks: Yes No Add'l Fax #: Yes No Add'l Fax #: Yes No Add'l Fax #: Yes No Yes Yes No Yes Yes No Yes Yes Yes No Yes							\perp	-					1	1		1		Ц	-		-			_		-		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's sectualive reservely for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whetherever shall be deemed watered univers made in writing synd received by Cardinal within 30 days after completion of the applicable service. In no event shall curdinal be liable for incidental or consequential deamages, including without limiteding, business interruptions, loss of see, or loss of profile incurred by client, its admislations. Relinquished By: Date: Received By: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: Remarks: Fax Result: Yes No Add'l Fax #: Remarks: Fax Result: Yes No Add'l Fax #: Remarks: Yes No Yes Ye			(4 in									_	+	1/		11/	1	4	/	-	-	-	-	-		-		
Inalyses. All claims including those for negligence and any other cause whatcover shall be described by Cardinal within 30 days after completen of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, incidental or consequential damages, incidental or consequential damages, incidental or services interruptions, loss of use, or loss of profits incurred by climits incurred by climits incurred by climits incurred by climits. Relinquished By: Date:			6 4 IN	u elab	V		10	dh m		or had	shall	ha Bush		to account only	by the ellent for	U	V											
Relinquished By: Date: Date: Received By: Date: Date:	analyses, All claims includ	ing those for negligence and any other	cause whatsoever shall be o	eeme	d walve	ed uzvles	s made	in writi	ing sind	recei	red by	Cardin	al with	in 30 days alte	completion of t	he applica	dele											
Relinquished By: Time: 544 Stocking William Received By: Fax Result: Yes No Add'I Fax #: REMARKS: H CL Only. As per Joel Sull 19 2 2 10:15 a.w. H	affiliates or successors aris	ing out of or related to the performance	of services hereunder by C	acclose	regar	diess of	whethe								sons or otherwi	00.	nv	-	ПМ	A ele	PI Dho	ma #s						
Relinquished By: Action for Time: Delivered By: (Circle One) - 186 X - 0.58 Sample Condition Cool Intact Cool In	Reiniquisned B	y.	5.4.33 Time: 1540					R	ric	m	1	e	1		Eav Dogg	ld	TV	_			ALD IN	44	15	per	75	æ	2	
Delivered By: (Circle One) - 1.88 C-0.58 Sample Condition Cool Intact (Initials) Sampler UPS - Bus - Other: -2.36 # 113	. /	1	Date:	Re	ceiv	ed E	By:			9				9	5/6/ Please e	22 email r	a result)	D:/ pm@	Spetech	n i	om.	H	1				
	Delivered By	- Bus - Other:	2.36 # 11;	3		S	ool Ye	Inta	nditi ct Yes No	on	<											9						

FORM-006 Revision 1.0

Received by OCD: 7/12/2023 11:50:05 AM

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

Released to Imaging: 10/3/2023 9:59:52 AM

Page 30 of 31

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Envi	ironmental &	Safety Solut	ions	, Inc							B	IL	L TO						-	NA	LYS	IS F	REQL	JES	T		
Project Manage	r. foct lo	wry								P.0	.#:							T	T				T		T			
Address: P.O	. Box 301									Cor	npa	ny:	So	lovis		1												
City: Lovingto	on	St	ate: NM	Zip	88	260				Attr	1:	Ro	6	Kirk						- 1								
Phone #: (57	5) 396-2378	Fa	x #: (575) 3	96-1	429					Add	ires					1												
Project #: 15a	41	Pn	oject Owner							City	f:					1			_									
Project Name:	momente	m 36 3	State 5	41	1 #	4				Stat			Z	ip:			N N		18									
Project Location		1			U	S.p.				Pho	me	#:		•		물	301		802									
Sampler Name:	faron 1	ios							_	Fax						Chloride	TPH (8015M)	L	BTEX (8021B)									
FOR LAB USE ONLY							MA	TRIX		_	_	SER	V.	SAMPLI	NG	1	1		18									
Lab I.D.		nple I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL		DATE	TIME													
		45.	A) 4in		X		1					1	1	5-3-22		X	7	1	X						_			
11 13 14 15 19 17 19 19	FS 1	16.	# 4in		Ц	-		1		4	-		1	1		1	1	1	1				1	_	-			
13	FS 4	17.	D 4in	_	Н		\perp	-		4	-	-	+			1	-	+	Н			_	-	+	-	_		
14) 41n			\vdash	\mathcal{H}	-	\vdash	4	-	+	+			₩	-	+	++	-		-	+	-	+	-	-	
15	FS 4	4. A	4in	-	Н	-		-	\vdash	-	+	+	╀			₩	-	+	+	-		-	+	+	+	-	_	 -
19	FS 5.	(A)	4in	-	+		+		-	+	+	+	╁			₩	-	+	H			-	+	+	+	-		
10	FS 53	00	4in 4in		Н	-	-	+-		+	+	+	+			-	-	+		-	_	-	+	+	+	-		
19	FS 53	A)			Н		+	-	\vdash	+	+		t	1			1	1					+	+	+	-		
20	FS 54			-	V	1	1	1		1	1	1	t	U		1	V	+	4				+	+	+			
PLEASE NOTE: Liability on analyses. All claims include	d Dameges, Cardinal's i	ability and client's ou	clusive remedy for an	-	d worker	of senter	on complex	les marities	un emel e	mendo	med Store I	Carriford	diam'r.	n 30 days offer	recommission of the	he anothre	ide Ye				A dd9	Phone	- #-					
		Ter	me: 546	(57	E	U	Pi	g	u	2	N	+		Fax Resu REMARK	t: S:	□ Ye					Fax #						
Acres 1	Pios			Re	ceiv	ed E	By:		V						Please e	mail r	esult	s to	pm(D ete	chen	V.C01	m.					
Accent Delivered By:	(Circle One	-180	1C-0.5	CZ		C	ample ool Ye	Inta	ct		<		KEI	BY:					Pini	3,0,0								

FORM-006 Revision 1.0

Received by OCD: 7/12/2023 11:50:05 AM

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

Received by OCD: 7/12/2023 11:50:05 AM

ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240

CHAIN-CH-COSTODI AND ANALISI	AIN-OF-CUSTODY AND ANALYSIS	REQUEST
------------------------------	-----------------------------	---------

Company Nam	(575) 393-2326 FAX (5 e: Etech Environmental &			nc.	_	_	_	Т	_		RI	11	TO			_		_	AN	ALV	/616	DE	QUE	ет			
Project Manage	-	,						P	0. 1						T			T		1	313	1/1	-406	.51			T
Address: P.0								-	_	-	, <	olo	vi's		1												
City: Lovings	on St	ate: NM Z	ip: 8	826	0						-	KI									- 1						
Phone #: (57	(5) 396-2378 Fa	x #: (575) 396	6-142	29					ddre			,			1		1										
Project #: /50	4/ Pr	oject Owner:						1	ity:						1												
Project Name:	momentum 36:		(1)	#	1,				ate:			Zip:				NS.	BTEX (8021B)										
Project Location								PI	hone	#:					Chloride	TPH (8015M)	802										
Sampler Name	Aaron Rios								ax #:						Ě	H	EX										
FOR LAB USE ONLY			T	T	7	MATE	XE		PR	ESE	RV.	S	AMPL	NG	1	르	B										
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	D	ATE	TIME													
21	EWB 5,		T	X		X			T			5-	3-22		y	Y	X										
21 22 24 25 24	EWB 7.			X		X							1		У	X	X										
23	EW 14.			X		X									y	Y	Y										
24	EW 15.			X	-	×	-		L						X	×	X	1									
CS	EW 16,			1	-	X	-	+	1						У	×	X	1	-	+	-						-
26	WW 15		-	4	+-	X	-	-	-	-		_			V	×	X	+	+	+	-		-	-	-	-	-
			+	+	+	+	+	+	\vdash			-			-	-	-	+	-	+	+		-	-	-	-	-
			+	+	+	-	-	+	\vdash	-		1	1			-	-	+	+	+	\dashv		-	-	-	-	+-
			+	+	+	+	+	+	\vdash			1	1				-	+	+	+	+		-	-	+-	-	+-
	nd Demages. Cardinal's liability and client's eac ing those for negligence and any other cause w															tile				_							
ervice. In no event shall C filliates or successors aris	ardinal be liable for incidental or consequental	demages, including wi	thout lic	nimion gardier	busine a of wh	es interr elher su	ирболо.	, loss (of use,	or loss	s of pro	offis inc	surred by o	tient, in subside asces or otherwi	ries, ise,			7.11	10.0	And man							
Relinquished B	y: 5	12/22 ne: 15414	Rece	HVE	By:	1	7.		1	7	, ,	\wedge		Phone Re Fax Resu REMARK	lt:	□ Ye		□ No		ri Ph	one# x#:	-					
Relinquished B	v: Da	1546	D	F	a	16	1	4	ru	1	U	1		INCHIPATION.	J.												
Aaron K	Tin	ne:		HAGC	і Бу:			Ų				U		Please e	mail c	nouth.	o to c	.m@	ntoch	DEL A	2000						
Delivered By	(Circle One) -1.86	C-0.58		T	Sam	ple C	ondi	tion	T			ED B	Y:	Please e	TITCH I	coult	נט ן	инци	CICCIII	N.VII	JUIII.						
Sampler - UPS		1.3° #			Coo	Yes [No [Ye	18	8	Y	Aniti	ais)															
EODM 000		4.50 71	1	-		No	_ N	0		-	_	_				-		_			_	_					

FORM-006 Revision 1.0

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



May 23, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: MOMENTUM 36 STATE SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 05/18/22 15:45.

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

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

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

Accreditation applies to public drinking water matrices.

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: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Tamara Oldaker

Applyand By MC

Project Location: SOLARIS

Sample ID: FS 42 @ 8" (H222121-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Tamara Oldaker

Project Location: **SOLARIS**

Sample ID: FS 43 @ 8" (H222121-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	113 %	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Tamara Oldaker

Project Location: SOLARIS

Sample ID: FS 44 @ 8" (H222121-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	104 5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Tamara Oldaker

Project Location: **SOLARIS**

Sample ID: FS 45 @ 8" (H222121-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	102 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Tamara Oldaker

Project Location: SOLARIS

Sample ID: FS 46 @ 8" (H222121-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	123	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Tamara Oldaker

Project Location: SOLARIS

Sample ID: FS 47 @ 8" (H222121-06)

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	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	114	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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:

Гах

 Received:
 05/18/2022
 Sampling Date:
 05/18/2022

 Reported:
 05/23/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Tamara Oldaker

Project Location: SOLARIS

Sample ID: FS 48 @ 8" (H222121-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	131	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	140	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Tamara Oldaker

Project Location: SOLARIS

Sample ID: FS 50 @ 8" (H222121-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keene



Analytical Results For:

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

Fax To:

Received: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Tamara Oldaker

Project Location: **SOLARIS**

Sample ID: FS 51 @ 8" (H222121-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	123 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	131 9	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Analytical Results For:

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

 Received:
 05/18/2022
 Sampling Date:
 05/18/2022

 Reported:
 05/23/2022
 Sampling Type:
 Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)
Project Number: 15041 Sample Received By: Tamara Oldaker

Project Location: SOLARIS

Sample ID: FS 52 @ 8" (H222121-10)

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	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	133	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes)

Project Number: 15041 Sample Received By: Tamara Oldaker

Project Location: SOLARIS

Sample ID: FS 53 @ 8" (H222121-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	23.6	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	117	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 59.5-14	12						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 related 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: 05/18/2022 Sampling Date: 05/18/2022

Reported: 05/23/2022 Sampling Type: Soil

Project Name: MOMENTUM 36 STATE SWD #1 Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15041 Tamara Oldaker

Project Location: **SOLARIS**

Sample ID: FS 54 @ 8" (H222121-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.9	2.00	1.94	
Toluene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	4.76	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	2.03	102	2.00	2.18	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.15	102	6.00	2.85	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	05/19/2022	ND	416	104	400	3.77	QR-03
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2022	ND	232	116	200	3.86	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	223	112	200	0.0875	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	124 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	130 9	6 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever 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. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 of 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.

Celeg & Freene

E

ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

41

Company Name				Safety Solu		s, Inc	2.				I			BI	LL	TO					-		ANA	LYS	IS F	REQ	UES	ST	_	_	
Project Manage	r. Joch	low	ry								P.	0. #								T				T	T		T				
Address: P.O	Box 301										Co	mp	any	:5	ol	aris	7	1													
City: Lovingto	on		Sta	te: NM	Zip	: 88	260				_	tn:	-	_		YK		1													
Phone #: (575	5) 396-237	8	Fax	#: (575) 3	96-1	429					1	idre						1													
Project #: /50	41		Pro	ject Owne	7:						Ci	ty:						1			_										
Project Name:	momo	ntum	36	State	5	w	1 #	#1			1	ate:			Zip	:			SM)		18										
Project Location		1.070	00	0,00							Ph	one	#:					문	301		802										
Sampler Name:	Auran	Rio	5		e production to the				-		1	x #:						Chloride	TPH (8015M)		BTEX (8021B)										
FOR LAB USE ONLY	701011	7110			Г	T		M	ATRI	X			ESE	RV.	5	SAMPLI	NG	1	무		18										
Lab I.D.	5/18/	Sample 22	I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:		DATE	TIME														
(FS	42	(A)	Sin		X		1	X						5-1	8.22		X	X		X										
Z	F.S	43	A)	8in												1		1	1												
3	F5	44	A	Sin																											
4	FS	45	A	81n																											
5	FS FS	46	D	8in																											
4		47	8	Sin																											
7	FS	48	A	8in		Ш			1									1		_				1		1					
8	FS	50	(A)	811		1				_	-							11		1						1					
9	FS	51	(A)	8in	1	N.		V	/	-	L				1	1		1	1	1	4		-	-	_	+				_	
PLEASE NOTE: Liability ar	FS .	52	(A)	8in		IV					l or los		l ba in	nited i		and the same	lari va classic	-	V	1,		-									
analyses. All claims include service. In no event shall Co affiliates or successors arisis	ng those for negl ardinal be liable t ng out of or relate	gence and any off or incidental or co	ser cause w seequental sce of servi	hatecever shall be damages, including ses hereunder by (deeme witho ardine	ed waiv ut lienk il, rega	ed union, b rdices	ous med rusinous of whati	e in wr	iting on pilons,	loss o	sived b	y Can or los	dinal w	elibin 3 cells in	O days allo curred by o	r completion of dent, its subsidi- anons or otherw	ive applica uies, ise.													
Relinquished By	/ :		Tin		Re	ecei	ved	By:									Phone Re Fax Resu REMARK	lt:				No No		Phor							
Relinquished By	(Circle	المسا	4.5°	18-22 15:45 > C-6	0.5		16	Samp	Int	act	/	U		ECK (Initi	ials)	E BY:	Please 6	email I	resul	ts to	pn pn	n@e	eche	nv.co	m.						
Sampler - UPS	- Bus -	omer:	3	4.0°	#1	13			Vo [N	0		Y.	0																	

FORM-006 Revision 1.0

Received by OCD: 7/12/2023 11:50:05 AM

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

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM, 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

1-2

Company Name				575) 393-2 Safety Solu		, In	2						BI	LL	TO						ANA	LYS	IS R	EQU	EST			
Project Manage	ect Manager: Joel lowry ress: P.O. Box 301										P.O.	#:								T				T		T		
Address: P.O	. Box 30										Con	npai	ny:	Soll	aris		1											
City: Lovingto	m		St	ate: NM	Zip	: 88	260								irk		1											
Phone #: (575	5) 396-23	378	Fa	x #: (575)	396-1	429					Add	,					1											
Project #: /504	//		Pr	oject Owne	r:						City						1											
Project Name: 7	mom	entum	365	tate S	WB	1	=1				Stat	e:		Zip):			TPH (8015M)	BTEX (8021B)									
Project Location		-									Pho	ne i	l:				분	801	(80									
Sampler Name:	Aaro	n Rio.	5								Fax	#:					Chloride	H	X			1						
FOR LAB USE ONLY						T		M/	TRI	K	F	RE	SERV		SAMPLE	NG	1	F	E									
Lab I.D.		Sample	e I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:		DATE	TIME												
11	FS FS	53	A	8in		X		×							18-22		y	Y	×									
12	FS	53 54	D	8 in		X		>							18-22		X	У.	X									
									-		1	1		L										-		-		
					1	_		-	1		-	1	-	L					-	-	-	-	-	-	_	-		-
					1	-		+	1		-	+	-	1			-		-	-	+	-	-	+	-	-	-	-
					+	\vdash	-	+	+		+	-	-	L			-		-	-	-	+-	-	-	+	-	+-	-
					-	-		-	+		-	+	-	-			-		-	+-	-	+	+	-	-	+	-	-
					-	-	\vdash	-	-		+	-	+-	-	-		-	_	-	+	+	+	+	+	+	-	+-	+-
	ig those for ne irdinal be lisb! ig out of or rel	igligence and any o ie for incidental or o	consequents consequents cance of sen	clusive remedy for whateoever shall be I demages, includi- sloss hereunder by tte:	deeme g withou Cardina	id wali ut limb il, rega	ed unler viion, bu	s made siness i wheth	in will morrup	ing and Gons, ic	receive res of u	nd by C me, or l	loss of p	willian 3 profilio in	10 days alto scurred by c	r completion of t Sent, ils subsidia	he applica ries, to. isult: (t:	□ Ye		No No	_	Phon Fax #						
Relinquished By Auton Ro Delivered By: Sampler - UPS	(Circle	e One)	34.5	ite: 8-22 me: 45 &) C-0	Re Co.S	ecei	Tell S	By:	Co Inta	ndition of the control of the contro	A.		HECH (Init	(ials	BY:	Please e		esults	s to p	m@e	eteche	nv.co	m.					

FORM-006 Revision 1.0

Received by OCD: 7/12/2023 11:50:05 AM

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

Appendix E Regulatory Correspondence

Kathy Purvis

From: Nobui, Jennifer, EMNRD < Jennifer.Nobui@state.nm.us>

Sent: Wednesday, April 27, 2022 3:39 PM

To: Kathy Purvis

Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD

Subject: FW: [EXTERNAL] Confirmation sampling notice, nAPP2125738506 - Momentum 36 State

SWD #1

Kathy,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD.Enviro@state.nm.us>

Sent: Wednesday, April 27, 2022 3:35 PM

To: Nobui, Jennifer, EMNRD < Jennifer.Nobui@state.nm.us>; Hamlet, Robert, EMNRD < Robert.Hamlet@state.nm.us>

Subject: Fw: [EXTERNAL] Confirmation sampling notice, nAPP2125738506 - Momentum 36 State SWD #1

From: Kathy Purvis < kathy@etechenv.com > Sent: Wednesday, April 27, 2022 3:25 PM

To: ocd.environmental@state.nm.us <ocd.environmental@state.nm.us>; Enviro, OCD, EMNRD

<<u>OCD.Enviro@state.nm.us</u>>

Cc: Joel Lowry <joel@etechenv.com>

Subject: [EXTERNAL] Confirmation sampling notice, nAPP2125738506 - Momentum 36 State SWD #1

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This email serves as notice that Etech intends to collect excavation confirmation soil samples from the following locations/reportable release site:

Solaris Water Midstream – Momentum 36 State SWD #1 – nAPP2125738506

If you have any questions or need any additional information, please contact Joey Lowry by email.

Kathy Purvis, Project Manager (432) 967-9624



Appendix F NMCRIS Investigation Abstract Form (NIAF)

NMCRIS INVESTIGATION ABSTRACT FORM (NIAF)

1. NMCRIS	2a. Lead (Sponsoring) Agency:	2b. Other Permi	tting	3. Lead Agency Report No	o.:
Activity No.:	NM State Land Office (SLO)	Agency(ies):			
149137					
4. Title of Report: A Class III Archaeological Survey for the Moment SWD #1 Inadvertent Release Remediation Project in Lea County, Ne				5. Type of Report	
	•	i Lea County, New	Mexico	Negative □ Positive □	ve
Author(s):					
Research		☐ Test Excavation	ПЕхс	avation	n Field Study
Overview/L	<u> </u>	<u> </u>	_	_	II-I Icia Otaay
		Ethnographic st		<u>'</u>	
-	of Undertaking (what does the project		October 28,	Investigation:	
	nental and Safety Solutions, LLC. (Ete mental Consultants (SWCA) to condu			Date: November 2, 2021	
Class III pedes	strian survey in support of the Mome	act arr interiore		, .	
	rtent release remediation project in Le				
	n process will require removing impac				
	ninated area and replacing them with or s approximately 0.27 acres (0.11 he				
	e New Mexico State Land Office (SLO				
	12 miles southwest of Jal, New Mexico				
serve as the lea	ad agency.				
	sources preservation efforts strongly				
	ological survey be conducted to curre resuant to and in compliance with New				
	Code (NMAC) 4.10.15 to ensure that				
properties are r	not inadvertently excavated, harmed,	or destroyed			
by any person.					
CIVICA QUE (O) (6	ad a 20 mater (m) (100 feet) cultural	buffer eround			
	ed a 30-meter (m) (100-foot) cultural or a total of 4.07 acres (1.65 hectares				
	vey area has previously been covere				
survey (NMCR	IS 140162, surveyed in 2018 by SW	VCA), and was			
	resurveyed for the current project				
	no new or previously recorded sit e identified; however, one isolated o				
	within the survey area. The IO is reco				
	ng on the NRHP under any criteria				
further manage	ment is recommended.				
10. Performin	g Agency/Consultant:			ing Agency/Consultant	Report No.:
	mental Consultants (SWCA)		SWCA Repo	ort No. 21-650	
	stigator: Meaghan A. Trowbridge			able Cultural Resource Per	
Project Manager: Alissa Healy Field Supervisor: Ad Muniz			NM State Po	ermit: NM-22-055-S (1/1/202	0-12/31/2022)
Field Technici					
	tomer (project proponent):			Customer Project No.:	
	ironmental & Safety Solutions, Inc		SWCA Proje	ect Number: 70226	
	Joel Lowry 110 N. Marienfeld St.				
Audiess.	Ste. 200				
	Midland, Texas 79701				
Phone	e: (979) 575-3779				

Landowner				
16. Records Search(es): Date(s) of ARMS File Review: October 19, 2021 Alissa Healy				
16. Records Search(es): Date(s) of ARMS File Review: October 19, 2021 Alissa Healy Date(s) of NR/SR File Review: Name of Reviewer(s): Alissa Healy Date(s) of Other Agency File Review: Name of Reviewer(s): Other Agency: 17. Survey Data: a. Source Graphics NAD 27 NAD 83 USGS 7.5' (1:24,000) topo map Other topo map, Scale: GPS Unit				
Date(s) of ARMS File Review: October 19, 2021 Date(s) of NR/SR File Review: October 19, 2021 Date(s) of NR/SR File Review: October 19, 2021 Date(s) of Other Agency File Review: Name of Reviewer(s): Name of Reviewer(s): Name of Reviewer(s): Other Agency: 17. Survey Data: a. Source Graphics				
October 19, 2021 Date(s) of NR/SR File Review: October 19, 2021 Date(s) of Other Agency File Review: Name of Reviewer(s): Alissa Healy Date(s) of Other Agency File Review: Name of Reviewer(s): 17. Survey Data: a. Source Graphics NAD 27 NAD 83 Surger Graphics GPS Unit Accuracy Accuracy				
Date(s) of NR/SR File Review: October 19, 2021 Date(s) of Other Agency File Review: Name of Reviewer(s): Alissa Healy Name of Reviewer(s): Other Agency: 17. Survey Data: a. Source Graphics □ NAD 27 □ NAD 83 □ USGS 7.5' (1:24,000) topo map □ Other topo map, Scale: □ GPS Unit				
Date(s) of Other Agency File Review: Name of Reviewer(s): Other Agency: 17. Survey Data: a. Source Graphics □ NAD 27 ⋈ NAD 83 □ USGS 7.5' (1:24,000) topo map □ Other topo map, Scale: □ GPS Unit Accuracy ⋈<1.0m □ 1-10m □ 10-100m □>100m b. USGS 7.5' Topographic Map Name USGS Quad Code □ Javelina Basin, 1976 32103-A3 c. County(ies): Lea d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
17. Survey Data: a. Source Graphics				
a. Source Graphics NAD 27 NAD 83 Survey Area: NAD 27 NAD 83 Survey Area NAD 27 NAD 83 Survey Area NAD 27 NAD 83 Survey Area Survey Area Other topo map, Scale: Survey Area				
a. Source Graphics NAD 27 NAD 83 Survey Area: NAD 27 NAD 83 Survey Area NAD 27 NAD 83 Survey Area NAD 27 NAD 83 Survey Area Survey Area Other topo map, Scale: Survey Area				
b. USGS 7.5' Topographic Map Name USGS Quad Code Javelina Basin, 1976 32103-A3 c. County(ies): Lea d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
b. USGS 7.5' Topographic Map Name USGS Quad Code Javelina Basin, 1976 32103-A3 c. County(ies): Lea d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
c. County(ies): Lea d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
c. County(ies): Lea d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
c. County(ies): Lea d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
d. Nearest City or Town: Jal, New Mexico e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
e. Legal Description: Available PLSS Data for the Survey Area Survey Area:				
Available PLSS Data for the Survey Area Survey Area:				
Available PLSS Data for the Survey Area Survey Area:				
Township Range Section CO				
Township Range Coction &&				
NESW				
25S 35E 36 SESW				
NWSE				
SWSE				
Projected legal description? Yes □ , No ⊠ Unplatted □				
f. Other Description (e.g. well pad footages, mile markers, plats, land grant name, etc.):				
18. Survey Field Methods:				
Intensity: 100% coverage				
Configuration: block survey units				
Scope: non-selective (all sites recorded) selective/thematic (selected sites recorded)				
Coverage Method: Systematic pedestrian coverage other method (describe)				
Survey Interval (m): 15 m Crew Size: 1 Fieldwork Dates: October 28, 2021				
Survey Person Hours: 2.25 Recording Person Hours: 0 Total Hours: 2.25				
Additional Narrative: The eastern portion of the project area was previously covered by qualifying survey (NMCRIS 140162, surveyed in 2018 by SWCA), and was therefore not resurveyed during the current undertaking.				
19. Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.):				
The project area is in Lea County within the Chihuahuan Desert Basins and Playas (24a) Environmental Protection Agency Level III ecoregion (Griffith et al. 2006). The Chihuahuan Desert Basins and Playas include				
The project area is in Lea County within the Chihuahuan Desert Basins and Playas (24a) Environmental				

wide valleys (or basins) surrounded by terraces, mountain ranges, or mesas. The playas are formed by rainwater internally draining within the closed basins.

The elevation within the project area averages approximately 3,085 feet (940 m). The area is used today primarily for rangeland and oil and gas exploration. As a result of mining and oil and gas development, there are numerous roads, power lines, pipelines, well pads, and mines throughout the project area. Geology of this area consists of Holocene to middle Pleistocene eolian deposits as well as Piedmont alluvial deposits from the Holocene to lower Pleistocene. These deposits consist of higher gradient tributaries bordering major stream valleys, alluvial veneers of Piedmont slope, and alluvial fans. (Griffith 2006). The one soil mapped in the survey area was the Pyote and Maljamar fine sands, which are often found within plains and low rises. The soils are well drained with a negligible runoff class and are derived from sandy eolian deposits from sedimentary rock. These soils are not considered prime farmland (Natural Resources Conservation Service 2021).

The climate information for the survey area was compiled using the Jal, New Mexico (294346) climate station data (period of record March 1, 1919 to June 10, 2016). Rainfall for the general project area is most abundant from May through October, averaging 4.14 cm (1.63 inches), with September having the heaviest average precipitation. Snowfall is expectedly heaviest between December and January, with an average of 3.10 cm (1.2 inches) and can fall from November through April; annual snowfall averages 11.18 cm (4.4 inches). The average temperatures are coldest in January at −2.33 degrees Celsius (°C) (27.8 degrees Fahrenheit [°F]) and warmest in July at 35.33°C (95.6°F) (Western Regional Climate Center 2021).

The typical desert shrubs and grasses within the Chihuahuan Basin and Playas are dominated by creosotebush, along with tarbush, fourwing saltbush, acacias, gyp grama, and alkali sacaton. The vegetation must withstand large seasonal and diurnal ranges in temperature, low available moisture, and a high evapotranspiration rate. Horse crippler and other cacti are common. Plants observed during the survey include mesquite, shinnery oak, croton, Javelina bush, narrow leaf yucca, broom snakeweed, sandbur grass, grama grass, woolly tidestromia, and smaller grasses and forbs. Mesquite was an important prehistoric resource. Many of the other grasses and plants common to the region were also collected for subsistence and to provide material for non-subsistence use.

The most common animals found in the region are mule deer and coyote. Also typical to the area are bobcat, gopher, cottontail rabbit, jackrabbit, peccary, and various species of field mice, striped skunk, and pack rat (New Mexico Department of Game and Fish 2021). Prehistorically, bison were in the region during at least some periods. Bison, antelope, deer, and rabbit were important food resources for the prehistoric inhabitants.

References:

Griffith, G. E., J. M. Omernik, M. M. McGraw, G. Z. Jacobi, C. M. Canavan, T. S. Schrader, D. Mercer, R. Hill, and B. C. Moran

2006 Ecoregions of New Mexico (color poster with map, descriptive text, summary tables, and photographs). Reston, Virginia: U.S. Geological Survey (map scale 1:1,400,000).

Natural Resources Conservation Service

Web Soil Survey. Available at: https://websoilsurvey.nrcs.usda.gov/. Accessed October 2021

New Mexico Department of Game and Fish

2021 Database query for Lea County. Biota Information System of New Mexico (BISON-M). Available at: http://www.bison-m.org/. Accessed October 2021

Western Regional Climate Center

Climate Summary for Jal, New Mexico (294346). Available at: https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?nm4346. Accessed October 2021

20.a. Percent Ground Visibility: Ground visibility in the project area ranges from 51 to 75 percent outside of the cleared well pad. Visibility is limited by vegetation and caliche gravels that have been eroded and distributed by sheet wash and flooding events.

b. Condition of Survey Area (grazed, bladed, undisturbed, etc.): Approximately 0.27 acres of the survey area have been affected by the inadvertent release.

21. CULTURAL RESOURCE FINDINGS Yes, See Page 5 No, Discuss Why: The project area is very small and has been heavily impacted by oil and gas activity in the area.

22. Required Attachments (check all appropriat ☐ USGS 7.5 Topographic Map with sites, isola drawn ☐ Copy of NMCRIS Mapserver Map Check ☐ LA Site Forms - new sites (with sketch map & ☐ LA Site Forms (update) - previously recorded pages minimum) ☐ Historic Cultural Property Inventory and His Forms ☐ List and Description of isolates, if applicable ☐ List and Description of Collections, if applications.	23. Other Attachments: ☑ Photographs and Log ☐ Other Attachments (Describe):				
24. I certify the information provided above is correct and accurate and meets all applicable agency standards.					
Principal Investigator/Responsible Archaeologist: Meaghan A. Trowbridge					
Signature:	Date : 11/2/202	1 Title (if not PI):			
25. Reviewing Agency: Reviewer's Name/Date	26. SHPO Reviewer's Name/Date:				
Accepted () Rejected ()	HPD Log #:				
Tribal Consultation (if applicable): ☐ Yes ☐ No	SHPO File Location: Date sent to ARMS:				

CULTURAL RESOURCE FINDINGS

[fill in appropriate section(s)]

1. NMCRIS Activity
No.: 149137

2. Lead (Sponsoring) Agency: 3. Lead Agency Report No.:

SURVEY RESULTS:

Sites discovered and registered: 0 Sites discovered and NOT registered: 0

Previously recorded sites revisited (site update form required): 0 Previously recorded sites not relocated (site update form required): 0

TOTAL SITES VISITED: 0

Total isolates recorded: 1 Non-selective isolate recording?

☐

Total structures recorded (new and previously recorded, including acequias): 0

MANAGEMENT SUMMARY

SWCA Environmental Consultants (SWCA) conducted an intensive Class III pedestrian survey in support of the Momentum 36 State SWD #1 Inadvertent Release Remediation Project in Lea County, NM. The inadvertent release covers approximately 0.27 acres (0.11 hectares) of lands managed by the SLO. In support of the remediation of the spill, SWCA completed a pedestrian survey on October 28, 2021. The survey covered the direct release area plus a 100 ft cultural buffer for a total of 4.07 acres (1.65 hectares).

During this investigation, no new or previously recorded sites or historic properties were identified within the survey area; however, one IO was identified and consists of a single tan and white orthoquartzite complete flake with cortex present, measuring 4-5 cm in length. No additional cultural materials were encountered, and the IO is not recommended eligible for listing on the NRHP under any criteria; therefore, no further management is recommended.

IF REPORT IS NEGATIVE YOU ARE DONE AT THIS POINT.

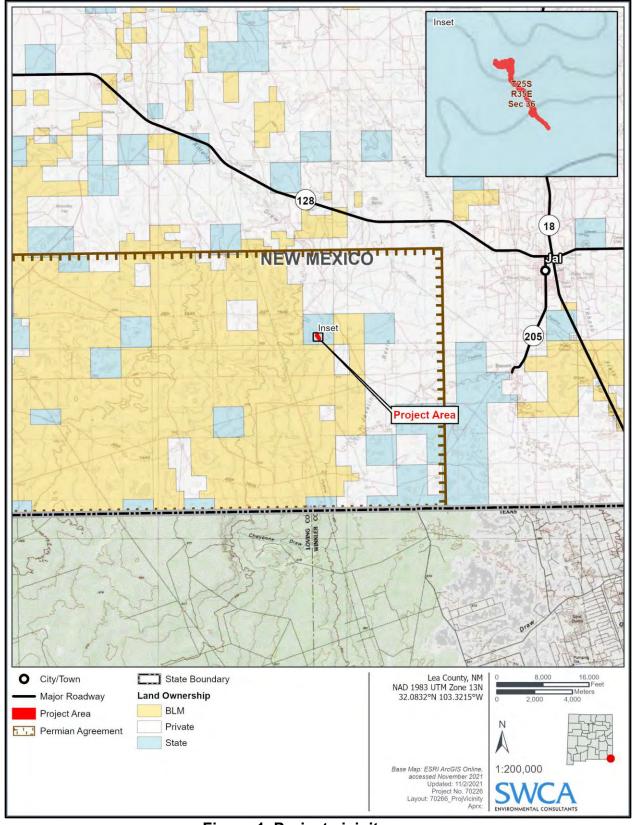


Figure 1. Project vicinity map.

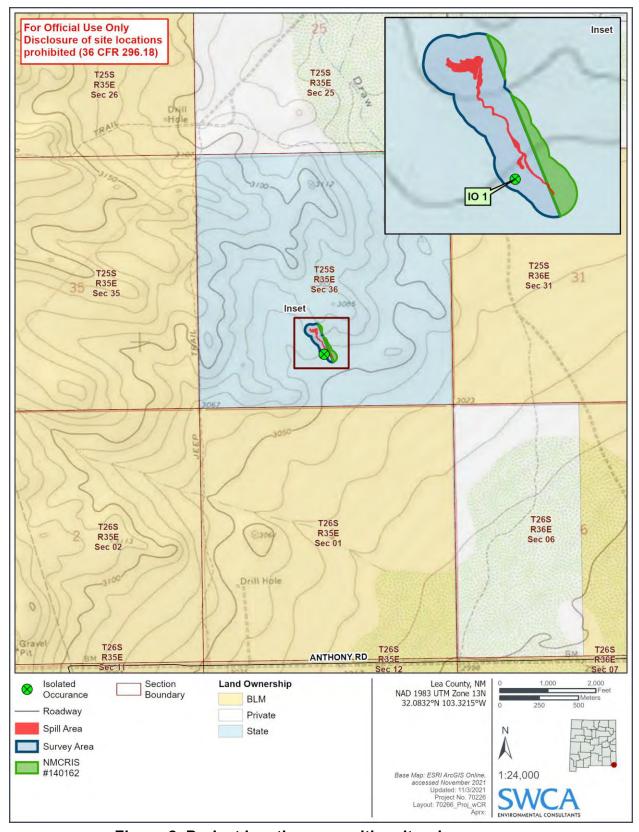


Figure 2. Project location map with cultural resources.



Figure 3. Overview of survey area, facing east (Frame T66-9458).



Figure 4. Overview of the inadvertent release area, facing south (Frame T66-6967).



Figure 5. Overview of the survey area, facing northeast (Frame T66-5913).



Figure 6. Detail of IO 1, an orthoquartzite flake (Frame T66-9829).

Table 1. Isolated Occurrences Observed during the Investigation

Table intentionally removed.

Table 2. Previous surveys within 0.31 mile (500 m) of the survey area

NMCRIS	Performing Organization	Date of	Acres	Sites
No.		Investigation	Surveyed	Visited
95029	Boone Archaeological Services, LLC	12/31/2005	30.60	0
132715	Advanced Archaeological Solutions	2/25/2015	31.50	1
139307	Boone Archaeological Consultants, LLC.	11/9/2017	5.91	0
139625	Boone Archaeological Consultants, LLC.	1/3/2018	5.51	0
140162	SWCA Environmental Consultants	4/20/2018	50.71	3
145525	SWCA Environmental Consultants	4/2/2020	41.70	0
146462	SWCA Environmental Consultants	1/14/2021	75.02	1
147072	Boone Archaeological Consultants, LLC.	12/4/2020	28.47	0
147321	APAC	1/29/2021	10.03	0
148009	SWCA Environmental Consultants	5/25/2021	5.70	0

Table 3. Previous sites within 0.31 mile (500 m) of the survey area

LA No.	Discovering NMCRIS	Site Type	Eligibility	Relationship to project area
149780	94787	Prehistoric artifact scatter with features/Mogollon (A.D. 200-1400)	Eligible, Criterion D (HPD Log No. 114582; 2/15/2001	Outside
178332	129811	Prehistoric artifact scatter with features/Mogollon (A.D. 1100-1500)	Eligible, Criterion D	Outside
178334	129811	Prehistoric artifact scatter/Mogollon (A.D. 200-1400)	Undetermined	Outside
190498	140162	Prehistoric artifact scatter/Mogollon (A.D. 1000-1400)	Undetermined (HPD Log No. 107810; 5/4/2018)	Outside
190499	140162	Unknown artifact scatter/Unknown aboriginal (9500 B.C. – A.D. 1880)	Undetermined (HPD Log No. 107810; 5/4/2018)	Outside

Image intentionally removed

Figure 7. NMCRIS screenshot in the vicinity of project area (black polygon), showing previous surveys (tan and purple polygons) and previously recorded sites (red polygons).

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**

CONDITIONS

Action 239003

CONDITIONS

Operator:	OGRID:
SOLARIS WATER MIDSTREAM, LLC	371643
907 Tradewinds Blvd, Suite B	Action Number:
Midland, TX 79706	239003
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	10/3/2023