Page 1 of 348

Incident ID	NDHR1918953059
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 Attachment Checklist: Each of the following items must be included in the closure report.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
□ Description of remediation activities
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.
Printed Name: Ralph Tijerina Title: EHS Director
Signature: Ralph Tigerina Date: 05/11/2020
Printed Name:Ralph Tijerina Title:EHS Director Signature: Ralph Tijerina Date: Date:
OCD Only
Received by: Cristina Eads Date: 04/06/2020
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: Date: 05/11/2020
Closure Approved by: Date: 05/11/2020
Printed Name: Cristina Eads Title: Environmental Specialist

Remediation Summary and Soil Closure Request

Goodnight Midstream Permian, LLC Serrano

Lea County, New Mexico
Unit Letter C, Section 28, Township 23 South, Range 35 West
Latitude 32.279828 North, Longitude 103.373337 West
NMOCD Reference No. 1RP-5610

Prepared By:

Etech Environmental & Safety Solutions, Inc.

3100 Plains Highway Lovington, New Mexico 88260

Daniel Dominguez

Joel W. Lowry



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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC, has prepared this Remediation Summary and Soil Closure Request for the Release Site known as the Serrano. Details of the release are summarized below:

Latitude:	32.279828	Longitude:	-103.373337							
	Provide	ed GPS are in WGS84 format.								
Site Name:	Serrano	Site Type:	SWD							
Date Release Discovere	ed: 6/28/2019	API # (if applicable)	le): N/A							
Unit Letter Sec	etion Township	Range	County							
C 2	28 23S	35E	Lea							
Surface Owner: State Federal Tribal X Private (Name Limestone Livestock										
	Noturo o	— nd Volume of Rel	looso							
	rature ar	iiu voiuille of Ke	lease							
Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)							
X Produced Water	Volume Released (bbls)	768	Volume Recovered (bbls) 100							
Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?										
Condensate	Volume Released (bbls)		Volume Recovered (bbls)							
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)							
Other (describe)	Volume/Weight Released		Volume/Weight Recovered							
Cause of Release: A hose break caused t	l he release. Entire release was	contained within prima	ary and secondary containment on the pad.							
	Ir	nitial Response								
X The source of the r	elease has been stopped.									
X The impacted area	has been secured to protect hur	nan health and the envir	ronment.							
X Release materials l	nave been contained via the use	e of berms or dikes, abso	orbent pad, or other containment devices							

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

2.0 SITE CHARACTERIZATION

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

What is the shallowest depth to groundwater beneath the area affected by the release?	~2	230'
Did the release impact groundwater or surface water?	Yes	X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes	X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes	X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes	X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes	X No
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No
Did the release impact areas not on an exploration, development, production or storage site?	Yes	X No

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

	Closure Criteria for Soil Impacted by a Release											
Probable Depth to Groundwater	Constituent	Limit										
	Chloride	EPA 300.0 or SM4500 Cl B	20000 mg/kg									
~230'	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2500 mg/kg									
	DRO + GRO	EPA SW-846 Method 8015M	1000 mg/kg									
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg									
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg									

4.0 INITIAL SITE ASSESSMENT

Upon discovering the release, a surface scrape was conducted within the affected area in an effort to limit the migration of contaminants pending further remedation.

Between July 3 and July 15, 2019, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores (SP #1 through SP #32) were advanced within the release margins in an effort to determine the vertical extent of soil impacts. During the advancement of the hand-augered soil bores, field soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab ® chloride test kit. Based on the volume of the release, hand-augered soil bores were advanced until field test results suggested concentrations of chloride were below 600 mg/kg. A "Site & Sample Location Map" is provided as Figure 3. Field data and soil profile logs, if applicable, are provided as Appendix B.

In addition, hand-augered soil bores (NH 1, NH 2, SH 1, SH 2, EH 1, EH 2, WH 1 and WH 2) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of soil impacts. During the advancement of the handaugered soil bores, field soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, eighty (80) delineation soil samples were submitted to the laboratory for analysis of BTEX, TPH and/or Chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond 1 Ft. bgs and the horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment, Goodnight Midstream Permian, LLC proposes the following remediation activities designed to advance the Site toward an approved closure:

- •Utilizing mechanical equipment, excavate impacted soil affected above the NMOCD Closure Criteria in the areas characterized by sample points SP #3 through SP #5, SP #8 through SP #12, SP #14, SP #15, SP #18 through SP #20 and SP #23 through SP #30.
- •Impacted soil affected above the NMOCD Closure Criteria adjacent to and/or beneath active above ground equipment will be excavated by hand to the maximum extent practicable.
- •Excavated material will be temporarily stockpiled on-site, then transported to an NMOCD-approved disposal facility.
- •Upon excavating impacted soil affected above the NMOCD Closure Criteria, collect the requisite excavation confirmation soil samples.
- •Upon receiving laboratory analytical results from excavation confirmation soil samples, backfill the excavated area with locally sourced, non-impacted material.
- •Excavation backfill will be compacted and graded to meet the needs of the facility.
- •Upon completion of remediation activities, prepare a Remediation Summary and Site Closure Request detailing remediation activities and the results of confirmation soil samples.

6.0 REGULATORY APPROVALS AND STIPULATIONS

On November 11, 2020, a Site Assessment Report and Proposed Remediation Workplan was submitted to the NMOCD proposing remediation activities designed to advance the Site toward regulatory closure. The Site Assessment Report and Proposed Remediation Workplan was subsequently approved.

Please reference the Site Assessment Report and Proposed Remediation Workplan for additional details regarding site characterization and proposed remediation activities.

7.0 REMEDIATION ACTIVITIES SUMMARY

During initial response activities, saturated soil within the release margins was scraped up and transported to an NMOCD-approved surface waste facility for disposal.

On July 25, 2019, remediation activities commenced at the Site. In accordance with the approved Workplan, impacted soil affected above the NMOCD Closure Criteria was excavated and stockpiled on-site, pending final disposition at an NMOCD-approved surface waste facility for disposal. The floor excavation was advanced until field observations and test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria.

On March 9, 2020, Etech collected 165 excavation confirmation soil samples. The collected soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH and/or chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

A "Site & Sample Location Map" is provided as Figure 3. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

The final dimensions of the excavated area were 460 Ft. in length, 160 to 470 Ft. in width and ranged from 1 to 3 In. in depth. During the course or remediation activities approximately 36 cubic yards of impacted soil were transported to an NMOCD-approved surface waste facility for disposal.

8.0 RESTORATION, RECLAMATION AND 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/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. The release confined to an active production facility therefore reseeding will not be necessary at this time. Final reclamation will be conducted in accordance with NMAC 19.15.29.13 once the facility is no longer in use.

9.0 SOIL CLOSURE REQUEST

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

Based on laboratory analytical results and field activities conducted to date, Etech recommends Goodnight Midstream Permian, LLC provide copies of this Remediation Summary and Soil Closure Request to the appropriate agencies and request closure be granted to the Serrano Site.

10.0 LIMITATIONS

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

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

11.0 DISTRIBUTION

Goodnight Midstream Permian, LLC 5910 N Central Expy Dallas, TX 75206

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210 Figure 1
Topographic Map

Figure 2
Aerial Proximity Map

Figure 3 Site and Sample Location Map

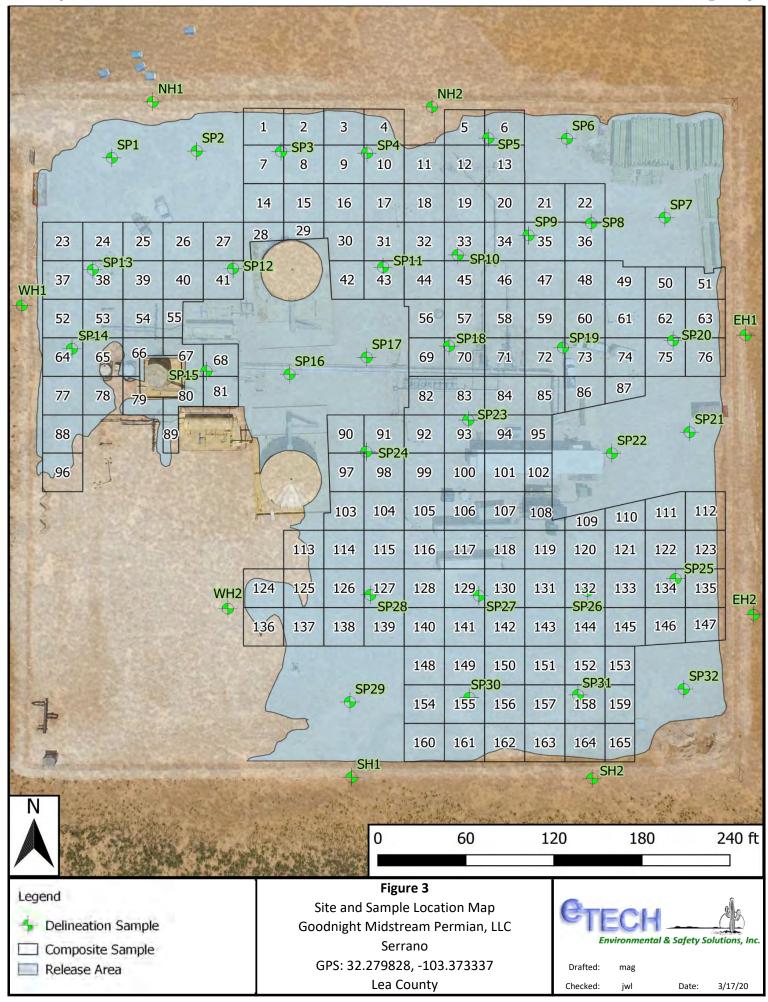


Table 1 Concentrations of BTEX, TPH, and/or Chloride in Soil

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL Goodnight Midstream Permian, LLC

Serrano

NMOCD Reference No. 1RP-5610

NING	OCD CL C	1			1	ice No. 1R	AF-5010	1000	Г		••••
NMO	OCD Closure C	riteria		10	50	-	-	1000	-	2500	20000
Sample ID	Date	Depth	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	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	4500 Cl Chloride (mg/kg)
SP 1	7/3/2019		In-Situ	_		, , ,	, , ,	(mg/kg)	(0 0)		12 000
SP 1					-	-	-	-	-	-	13,000
SP 3	7/3/2019		In-Situ	-	-	-	-	-	-	-	15,200
SP 3	7/3/2019 7/3/2019		Excavated	-	-	-	-	-	-	-	26,000
SP 5	7/3/2019		Excavated	-	-	-	-	-	-	-	47,200 42,400
SP 6			Excavated	-	-	_	-	-	-	-	-
SP 7	7/3/2019 7/3/2019		In-Situ	_	_	-	-	-	-	-	7,600
SP 7			In-Situ	-	-	-	-	-	-	-	8,660 30,800
SP 9	7/3/2019		Excavated	-	-	-	-	-	-	-	-
SP 10	7/3/2019 7/3/2019		Excavated	-	-	-	-	-	-	-	46,400 31,200
SP 10	7/3/2019		Excavated	-	-	-	-	-	-	-	88,800
SP 11	7/3/2019		Excavated	-	-	-	-	-	-	-	26,000
SP 13	7/3/2019		Excavated		-	-	-	-	-	_	88,000
SP 13	7/3/2019		Excavated		_	_	_	-	-	_	22,600
SP 14 SP 15	7/3/2019		Excavated		-	-	-	-	-	-	30,400
SP 16	7/3/2019		Excavated In-Situ	_	-	-	-	-	-	-	9,800
SP 10	7/3/2019		In-Situ	-	-	-	-	-	-	-	560
SP 17	7/3/2019			-	-	-	-	-	-	-	53,600
SP 18	7/3/2019		Excavated		-	-	-	-	-	-	48,000
SP 20	7/3/2019		Excavated		-	-	-	-	-	-	23,000
SP 21	7/3/2019		Excavated In-Situ		_	_	_	_	_	_	17,200
SP 22	7/3/2019		In-Situ		_		_		-	_	3,440
SP 23	7/3/2019		Excavated	-	-	-	-		_	_	24,800
SP 24	7/3/2019		Excavated	-	_	_	_	_	-	_	32,400
SP 25	7/3/2019		Excavated	_	_	_	_	_	_	_	46,400
SP 26	7/3/2019		Excavated	_	_	_	_	_	-	_	40,000
SP 27	7/3/2019		Excavated		_	_	_	_	_	_	78,400
SP 28	7/3/2019		Excavated	_	_	_	_	_	_	_	26,800
SP 29	7/3/2019		In-Situ	_	_	_	_	_	_	_	15,600
SP 30	7/3/2019		Excavated	-	_	_	_	_	_	_	34,400
SP 31	7/3/2019		Excavated	_	_	_	_	_	_	_	92,800
SP 32	7/3/2019		In-Situ	-	-	-	-	-	-	-	10,600
SP 1	7/8/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 2	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP 3	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP 4	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SP 5	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 6	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP 7	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 8	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 10	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP 11	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP 12	7/8/2019		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 13	7/8/2019		In-Situ		<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0

^{- =} Sample not analyzed for that constituent.

TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL Goodnight Midstream Permian, LLC

Serrano

NMOCD Reference No. 1RP-5610

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	NMO	CD Closure C	riteria		10	50	-	_	1000	_	2500	20000
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$					-			SW		Ext	2000	
SP # 14 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 352	Sample ID	Date	Depth		Benzene	BTEX	C ₆ -C ₁₀	DRO C ₁₀ -C ₂₈	GRO + DRO C ₆ -C ₂₈	ORO C ₂₈ -C ₃₆	C ₆ -C ₃₆	Chloride
SP # 15 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 176	SP # 9 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP # 16 @ 2' 7/15/2019 2' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <48.0	SP # 14 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
SP # 17 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0	SP # 15 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SP #18 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0	SP # 16 @ 2'	7/15/2019	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP # 19 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 608 SP # 20 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 608 SP # 21 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 22 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 22 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 22 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 SP # 24 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 24 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 25 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 25 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 26 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 27 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 28 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 28 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 30 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 30 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0 <30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0 <30.0 30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <	SP # 17 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP # 19 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 608 SP # 20 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 608 SP # 21 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 22 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 22 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 22 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 SP # 24 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 48.0 SP # 24 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 25 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 25 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 26 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 27 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 28 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 64.0 SP # 28 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 30 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 30 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0 <30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <10.0 <30.0 30.0 30.0 30.0 SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <	SP # 18 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP # 21 @ 1'	SP # 19 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
SP # 21 @ 1'	SP # 20 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP # 23 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <48.0	SP # 21 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP # 23 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 <48.0	SP # 22 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP # 24 @ 1' 7/15/2019 1' In-Situ <0.050	SP # 23 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP # 26 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 SP # 27 @ 1' 7/15/2019 1' In-Situ <0.050	SP # 24 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP # 26 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 SP # 27 @ 1' 7/15/2019 1' In-Situ <0.050	SP # 25 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP # 27 @ 1' 7/15/2019 1' In-Situ <0.050	SP # 26 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP # 28 @ 1' 7/15/2019 1' In-Situ <0.050	SP # 27 @ 1'			In-Situ	<0.050	<0.300	<10.0	18.4	18.4	33.5	51.9	16.0
SP # 30 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 2' In-Situ <0.050	SP # 28 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP # 30 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 16.0 SP # 31 @ 2' 7/15/2019 2' In-Situ <0.050	SP # 29 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP # 31 @ 2' 7/15/2019 2' In-Situ <0.050	SP # 30 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP # 32 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 NH1 @ Surf 7/15/2019 Surf In-Situ <0.050	SP # 31 @ 2'	7/15/2019	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NH1 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 32.0 NH1 @ 1' 7/15/2019 1' In-Situ <0.050	SP # 32 @ 1'			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH2 @ Surf	NH1 @ Surf			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH2 @ 1'	NH1 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SH1 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 48.0 SH1 @ 1' 7/15/2019 1' In-Situ <0.050	NH2 @ Surf	7/15/2019	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SH1 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 48.0 SH1 @ 1' 7/15/2019 1' In-Situ <0.050	NH2 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SH2 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 128 SH2 @ 1' 7/15/2019 1' In-Situ <0.050	SH1 @ Surf			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SH2 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 128 SH2 @ 1' 7/15/2019 1' In-Situ <0.050	SH1 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH1 @ Surf 7/15/2019 Surf In-Situ <0.050	SH2 @ Surf			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EH1 @ 1' 7/15/2019 1' In-Situ <0.050	SH2 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EH2 @ Surf 7/15/2019 Surf In-Situ <0.050	EH1 @ Surf	7/15/2019	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
EH2 @ 1' 7/15/2019 1' In-Situ <0.050	EH1 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH1 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <20.0 <10.0 <30.0 144 WH1 @ 1' 7/15/2019 1' In-Situ <0.050	EH2 @ Surf	7/15/2019	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH1 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 32.0 WH2 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 352	EH2 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH2 @ Surf 7/15/2019 Surf In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 352	WH1 @ Surf	7/15/2019	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
9 7 7	WH1 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH2 @ 1' 7/15/2019 1' In-Situ <0.050 <0.300 <10.0 <10.0 <20.0 <10.0 <30.0 16.0	WH2 @ Surf			In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
	WH2 @ 1'	7/15/2019	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
#1 3/9/2020 Surf. In-Situ - - - - - - 585	#1	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	585
	#2				-	-	-	-	-	-	-	
	#3				-	-	-	-	-	-	-	
	#4			In-Situ	-	-	-	-	-	-	-	223
	#5				-	-	-	-	-	-	-	40.4

^{- =} Sample not analyzed for that constituent.

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

Goodnight Midstream Permian, LLC

Serrano

NMOCD Reference No. 1RP-5610

NMO	OCD Closure (Criteria		10	50	-	-	1000	-	2500	20000
				SW 840	SW 846 8021B SW 84			846 8015M	4500 Cl		
Sample ID	Date	Depth	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)
#6	3/9/2020		In-Situ	-	-	-	-	-	-	-	127
#7	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	81.2
#8	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	236
#9	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	410
#10	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	150
#11	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	5.16
#12	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	8.71
#13	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	29.9
#14	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	29.5
#15	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	322
#16	3/9/2020	Surf.	In-Situ	1	1	1	-	-	-	-	137
#17	3/9/2020	Surf.	In-Situ	1	1	-	-	-	-	-	286
#18	3/9/2020	Surf.	In-Situ	1	1	-	-	-	-	-	94.9
#19	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	69.2
#20	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	212
#21	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	49.8
#22	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	135
#23	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	291
#24	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	190
#25	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	201
#26	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	111
#27	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	280
#28	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	23.0
#29	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	109
#30	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	78.7
#31	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	208
#32	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	160
#33	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	99.7
#34	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	223
#35	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	169
#36	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	332
#37	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	176
#38	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	62.4
#39	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	<4.97
#40	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	97.6
#41	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	7.71
#42	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	152
#43	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	62.4
#44	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	257
#45	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	376

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

Goodnight Midstream Permian, LLC

Serrano

NMOCD Reference No. 1RP-5610

NMO	OCD Closure C	Criteria		10	50	-	-	1000	-	2500	20000
				SW 840	6 8021B	SW 846 8015M Ext.			Ext.	ı	4500 Cl
Sample ID	Date	Depth	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)
#46	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	483
#47	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	93.3
#48	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	141
#49	3/9/2020	Surf.	In-Situ	ı	1	-	-	-	-	-	245
#50	3/9/2020	Surf.	In-Situ	1	-	-	-	-	-	-	232
#51	3/9/2020	Surf.	In-Situ	ı	1	-	-	-	-	-	160
#52	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	6.36
#53	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	5.94
#54	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	36.3
#55	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	<4.96
#56	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	250
#57	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	36.7
#58	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	340
#59	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	33.2
#60	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	263
#61	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	147
#62	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	52.3
#63	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	619
#64	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	1,270
#65	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	105
#66	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	87.7
#67	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	17.8
#68	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	22.0
#69	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	26.5
#70	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	6.50
#71	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	705
#72	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	77.1
#73	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	20.5
#74	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	300
#75	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	167
#76	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	495
#77	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	272
#78	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	125
#79	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	271
#80	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	30.2
#81	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	112
#82	3/9/2020		In-Situ	-	-	-	-	-	-	-	9.82
#83	3/9/2020		In-Situ	-	-	-	-	-	-	-	<5.02
#84	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	656
#85	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	11.5

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

Goodnight Midstream Permian, LLC

Serrano

NMOCD Reference No. 1RP-5610

NMO	OCD Closure (Criteria		10	50	-	-	1000	-	2500	20000
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth	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)
#86	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	207
#87	3/9/2020	Surf.	In-Situ	1	1	-	-	-	-	-	51.5
#88	3/9/2020	Surf.	In-Situ	1	1	-	-	-	-	1	15.7
#89	3/9/2020	Surf.	In-Situ	-	1	-	-	-	-	-	31.3
#90	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	124
#91	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	130
#92	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	363
#93	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	52.0
#94	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	44.7
#95	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	7.83
#96	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	22.6
#97	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	45.2
#98	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	60.2
#88	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	1,040
#100	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	213
#101	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	<5.00
#102	3/9/2020	Surf.	In-Situ	_	_	-	-	-	-	-	7.33
#103		Surf.	In-Situ	-	-	-	-	-	-	-	192
#104		Surf.	In-Situ	-	_	-	-	-	-	-	677
#105		Surf.	In-Situ	-	-	-	-	-	-	-	14.9
#106		Surf.	In-Situ	-	-	-	-	-	-	-	492
#107	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	463
#108	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	33.2
#109	-	Surf.	In-Situ	-	-	-	-	-	-	-	187
#110	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	245
#111	-	Surf.	In-Situ	-	-	_	-	-	-	-	346
#112		Surf.	In-Situ	-	-	-	-	-	-	-	31.3
#113	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	167
#114	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	57.6
#115	3/9/2020		In-Situ	-	-	-	-	-	-	-	190
#116	3/9/2020		In-Situ	-	-	-	-	-	-	-	245
#117	3/9/2020		In-Situ	-	-	-	_	-	-	-	267
#118	3/9/2020		In-Situ	_	_	_	_	_	_	_	457
#119	3/9/2020		In-Situ	_	_	_	_	_	_	_	470
#120	3/9/2020		In-Situ	-	_	_	-	-	_	-	224
#121	3/9/2020		In-Situ	_	_	_	-	-	-	_	450
#122	3/9/2020		In-Situ	_	_	_	_	_	_	_	388
#123	3/9/2020		In-Situ	_	_	_	_	_	_	_	151
#124	3/9/2020	.	In-Situ	-	_	_	_	_	_	_	268
#125	3/9/2020		In-Situ	_	_	_	_	_	_	_	384

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

Goodnight Midstream Permian, LLC

Serrano

NMOCD Reference No. 1RP-5610

NMO	OCD Closure (Criteria		10	50	-	-	1000	_	2500	20000
				SW 840	8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth	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)
#126	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	52.6
#127	3/9/2020	Surf.	In-Situ	1	1	-	-	-	-	-	216
#128	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	564
#129	3/9/2020	Surf.	In-Situ	-	1	-	-	-	-	-	20.9
#130	3/9/2020	Surf.	In-Situ	-	1	-	-	-	-	-	434
#131	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	379
#132	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	294
#133	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	202
#134	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	313
#135	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	203
#136	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	121
#137	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	16.5
#138	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	83.4
#139	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	240
#140	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	48.2
#141	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	46.3
#142	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	205
#143		Surf.	In-Situ	-	-	-	-	-	-	-	76.3
#144	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	16.8
#145	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	514
#146	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	311
#147	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	168
#148	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	14.6
#149	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	11.8
#150	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	108
#151	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	552
#152	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	36.9
#153	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	53.2
#154	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	36.7
#155	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	14.0
#156	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	175
#157	3/9/2020	Surf.	In-Situ	-	-	-	-	-	-	-	620
#158	3/9/2020		In-Situ	-	-	-	-	-	-	-	309
#159	3/9/2020		In-Situ	-	-	-	-	-	-	-	9.30
#160	3/9/2020		In-Situ	-	-	-	-	-	-	-	215
#161	3/9/2020		In-Situ	-	-	-	-	-	-	-	35.7
#162	3/9/2020		In-Situ	-	-	-	-	-	-	-	110
#163	3/9/2020		In-Situ	-	-	-	-	-	-	-	54.7
#164	3/9/2020	_	In-Situ	-	-	-	-	-	-	-	58.4
#165	3/9/2020		In-Situ	-	-	-	-	-	-	-	159

Appendix A Depth to Groundwater Information



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-QQQ Code

basin County 64 16 4 Sec Tws Rng

1 1 1 28 23S 35E

X Y 652471 3572934

Water DistanceDepthWellDepthWater Column

120 feet

Average Depth to Water:

Minimum Depth: 120 feet Maximum Depth: 120 feet

Record Count: 1

POD Number

CP 01099 POD2

UTMNAD83 Radius Search (in meters):

Easting (X): 653187.45

Northing (Y): 3572614.72

Radius: 1608

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.

8/23/19 10:56 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

 Well Tag
 POD Number
 Q64 Q16 Q4 Sec Tws Rng
 X
 Y

 221C0
 CP 01099 POD2
 1 1 1 28 23S 35E 652471 3572934
 652471 3572934

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION

Driller Name: WALLACE, BRYCE J.LEE.NER

Log File Date:01/24/2019PCW Rcv Date:Source:ShallowPump Type:Pipe Discharge Size:Estimated Yield:90 GPMCasing Size:7.60Depth Well:750 feetDepth Water:120 feet

Water Bearing Stratifications: Top Bottom Description 115 Sandstone/Gravel/Conglomerate 580 Sandstone/Gravel/Conglomerate 600 740 Other/Unknown **Casing Perforations:** Top **Bottom** 750 460

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.

8/23/19 10:57 AM

POINT OF DIVERSION SUMMARY



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USGS Water Resources

Data Category: Groundwater Geographic Area:

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Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321652103222901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321652103222901 23S.35E.28.124

Lea County, New Mexico Latitude 32°16'51.8", Longitude 103°22'29.1" NAD83 Land-surface elevation 3,388 feet above NAVD88 The depth of the well is 5,300 feet below land surface.

Output formats

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

Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measuren
2012-11-29	14:50 MST	m	536.09			2		Т	USGS	
2013-06-24	14:40 MDT	m	529.82			2		Т	USGS	
2013-09-09	13:45 MDT	m	527.73			2		Т	USGS	
2013-12-02	13:20 MST	m	526.05			2		Т	USGS	
2014-03-17	12:55 MDT	m	525.52			2		Т	USGS	
2014-06-30	13:35 MDT	m	520.42			2		Т	USGS	
2014-09-29	13:30 MDT	m	520.81			2		Т	USGS	
2014-12-01	13:45 MST	m	519.81			2		Т	USGS	
2015-03-27	10:00 MDT	m	517.51			2		Т	USGS	
2015-05-18	13:10 MDT	m	515.97			2		Т	USGS	
2015-09-28	12:55 MDT	m	510.56			2		Т	USGS	
2015-12-01	12:55 MST	m	509.01			2		Т	USGS	
2016-03-21	10:45 MDT	m	508.91			2		Т	USGS	
2016-06-29		m	508.99			2		Т	USGS	
2016-09-21		m	506.50			2		Т	USGS	
2016-12-12		m	503.34			2		V	USBLM	
2017-03-09		m	499.45			2		V	USBLM	
2017-06-12		m	495.72			2		V	USBLM	
2017-10-19		m	490.47			2		V	USBLM	
2017-12-14		m	490.40			2		V	USBLM	
2018-03-26		m	486.38			2		V	USBLM	
2018-06-25	12:48 MDT	m	484.93			2		V	USBLM	

Date	Time	date	el e-	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measuren
2018-	10-29 14:50	MDT	m	479.49			2		V	USBLM	

Explanation

Section	Code	Description
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
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	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	Α	Approved for publication Processing and review completed.

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Title: Groundwater for USA: Water Levels
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Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2019-08-23 13:00:48 EDT 0.68 0.62 nadww01

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Agency code = usgs site_no list =

• 321631103223201

Minimum number of levels = 1

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USGS 321631103223201 23S.35E.28.12321

Lea County, New Mexico Latitude 32°16'31", Longitude 103°22'32" NAD27 Land-surface elevation 3,369 feet above NAVD88 The depth of the well is 242 feet below land surface.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1967-10-17		D	233.71			2		U		
1976-01-23		D	230.43			2		U		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	Α	Approved for publication Processing and review completed.

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2019-08-23 13:03:28 EDT 0.59 0.56 nadww01





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Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321638103225201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321638103225201 23S.35E.28.11111

Lea County, New Mexico Latitude 32°16'58", Longitude 103°22'51" NAD27 Land-surface elevation 3,370.00 feet above NGVD29 The depth of the well is 795 feet below land surface.

This well is completed in the Sunrise Formation (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measureme
1967-10-17		D	230.67			2		U		
1968-06-11		D	230.26			2		U		
1970-12-09		D	230.02			2		U		
1976-01-23		D	231.57			2		U		
1981-03-30		D	233.10			2		U		
1986-04-17		D	233.11			2		U		
1991-05-16		D	233.30			2		U		
1996-03-13		D	234.79			2		S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	А	Approved for publication Processing and review completed.

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Title: Groundwater for USA: Water Levels
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Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2019-08-23 13:04:58 EDT

0.49 0.45 nadww01



Appendix B Field Data and Soil Profile Logs

P 0

Goodnight midstream servano or 03 19 @ # 1 surface -14,808 SP e # 2 surface-11:43 L 27, 680 SP e # 3 surface-11:46 227, 680 SP @# 4 surrace-11:50 227,680 e#s screace -11.52 27,680 1135 SP C#4 surface le,560 11:58 SP @ #7 4,540 12:06 SP @ #8 20,520 12:08 SP @ #9 < 27, Le 80 12:09 23,508 SP@ #10 12:11 SP @ # 11 < 27,680 12:11 SP @ # 12 12:15 < 27,680 27,480 12:22 SP@ # 13 12:20 SP @ #14 12:28 14,354 SP@ # 15 12:31 13,484 SP @ # 14 604 12:32 11184 SP @ # 17 12:34 23,508 SP @ # 18 12:44 127.680 SP 19 12:45 20,520 # 40 12:47 SP @ 17 1808 12:49 SP @ # 21 2,280 12,340 12:50 SP @ # 22 12:51 SP@# 23 SP@# 24 (27,680 12:57 27,680 SP @ 12:59 27,680 23,508 13,484 SP@# 25 00:1 e# 26 1:02 59 1:05 SP @ # 27 10:10 28 # 9 92 23,508 1:20 SP @# 29 (27, 480) SPC # 30 7,074 5P C # # 34

	Crooding nt mid #1027 - < 1,184 #1027 - < 1,184 #1001 - < 1,184 #1001 - < 1,184 #1001 - < 1,184 #1001 - #1001 - #100	Serrono	8:45 8:49 9:49 9:44 9:42
0	Goodnight mid	4108	8.49
3P 3P	#162- 5 1,184	< 108	9.26
SP	#3e11-21,189	5 108	10:01
SP	#401- <1,189	2 108	10:22
SP	#661,-	164	10:37
SP	#701-	240	40.04
SP	#901-	240	11:34
50	#1001-	320	12:40
SF	#1201-	1,728	12:40
21	4110011	220	1.11

SP#1201-SP#1201-SP#13021-SP#13021-SP#13051-SP#13051-SP#13061-SP#13081-

1,728 364

1.30 1.35 1.39 1.56

	· Sc	rm00 07.11.1
10 Commingh	+ midstream =	8:10
5P#29@1	+ miclstream Sc 108	8 18
SP#31@11-	TILL	8 21
SP# 32 e1'-	108	8:34
SP# 31e2'-	408	9:41
SP# 3001-	280	10:29
SP# 30@1'-	134	11:15
SP# 2801'-	280	
SP#2701-	240	12:11
SP #24@1'-	2104	12.56
SP#2501-	364	1:20
SP# 24@1-	108	

a i cht	midstream
Goodnig	0

Glooding	0117	2 19
Serrano		8:35
CO + 07 C1 156		8.50
SP# 23 01 - 108		9:53
3101 - 240		10. Se
SP# 2101 - 200		11:20
SP# 2001 240		11.40
SP # 1901 200		12:13
SP # 1001-	21,14	1:08
SP# WHILE SITURE	364	1:38
SO# WHIC!		2.08
CO HUHI- ESURCE -	2108	
0 1 101 - 01	169	2.20
SP# 2361 - 108 SP# 2101 - 240 SP# 2001 - 240 SP# 1901 - 240 SP# 1902 - 280 SP# WHI O SUTTONE - SP# WHI - O SUTTONE - SP# NHI - O SUTTONE - SP# NHI - O SUTTONE -	13Cl	3.00
SH MH C-10 2011 ace	4108	3:10
-10 14 1110 10	C 1/1X	

0	Goodnight mic	Istream 200	Serrano 07.15.19
SP	# EHI @ Surface -		8:30
SF	# EHI @ 1' -	136	9:00
	#EH2 C Surface -	134	9:30
SP	#EHZ @ 1' -	< 108	10:00
SP	# SHI C surface -	< 108	10:30
	# SHI @ 1' -	< 108	11:00
_	#WHZC surface -	556	11: 30
	# WHZ @ 1'-	200	12:00
	# SHZ @ SUFFACE -	240	
SP	# SH2 @ 1'-	108	12:50
	# 14 C Surface -	>2428	1:30
	# 14 @ 1'-	554	2:00

0		- fi
CT	ECH	195
	-	
	Environmenta	& Safety Solutions, Inc.

Soil Profile

Environmental & Safety Solutions, Inc				Date:	7/3/19 7/8	7/11 7/127/15
Project: <u>Serra</u> Project Number:	10786	Latitude:	32,279828	Longitude:	- 103.3733	37
Depth (ft. bgs)			Desc	cription		
1	Inno	of Fill 1	Calido Pad			
2		4				
3	Red 5		•••••••			
TO 4		awa			•••••••	
5	***************************************	••••••				
6	***********		••••••			
7	***************************************		•••••			
8	**********	••••••				
9	***************************************	••••••		• • • • • • • • • • • • • • • • • • • •	••••••	
10	***************************************		••••••			
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28	••••••		••••••			
29	***************************************				••••••	
30	***************************************	•••••				
31	•••••					
32						
		••••••				
33						
34						
35					******	
36			•••••			200000000000000000000000000000000000000
37	***********					
38	***********					
39	***********					***************************************
40						



Initial Release Assessment Form

 Project:
 Serrano
 Clean Up Level:
 600 mg/kg Cl-, 100 mg/kg TPH

 Project Number:
 10786
 Latitude:
 32.279828
 Longitude:
 -103.373337

	Site Dia	agram	
1 Congression		G. a.w	<i>y</i>
0			
			4 Perl out

Notes:	 			
			AMERICAN, MICHAEL	

~Length:	~Width:	~Area:	ND anth		
Length.	width.	Alea.	~Depth:	Yes	No
3-4 Representat	ive Pictures of the Affe	cted Area including sample	locations?		
Necessary Samp	oles Field Screened and	on Ice?			
Sample and Field	d Screen Data Entered	on Sample Log?			
Was horizontal a	and vertical delineation	achieved?			

48	
of 3.	
41	
age	



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08-16-19

Project: Project Number:

Latitude:

Longitude:

Sample ID	PID/Odor C	hloride Conc.	GPS
#1 Surface	> 2436	&:@	
#2 surface #3 surface #4 surface #5 surface #4 surface	> 2436	8:00	
#3 surface	> 24310	8.00	
#4 surface	7 2436	8:00	
#5 Surface	236	8:00	
# le surface	7 2436	8.00	
#1 surface	7 2434	8:20	
#8 surface	7 2 434	8:20	
#9 Surface	77430	8:20	
#10 surface	> 2436	8.20	
#11 Surface	> 2434	8:20	
#7 Surface #8 Surface #9 Surface #10 Surface #11 Surface #12 Surface #13 Surface	> 2436	8:20	
+13 Surface	2436	8:35	
+14 Surface	72434	8! 35	
#15 Surface	72436	8:35	
the Surtace	7 2434	8:35	
#17 Surface	>2436	8: 35	
#18 Surface F19 Surface)24310	8:35	
	>2436 >2492	8:35	
20 Surface	> 2492	8:55	
21 surface	72492	8:55	
\$22 Surface	7 2492	8: 55	
\$23 Surface	724192	8:55	
#24 surface	72492	8:55	
715 Surface	> 2492	8:55	
124 Surface	> 2492	9:28	
27 Surface	> 2492	9:28	
28 Surge	7 2492	9:28	
29 Surface	7 2492	9:28	
:30 Surface	72492	9:28	
31 Surface	72492	9:28	
32 surface	> 2492	9:51	
33 Surface	> 2492	9.51	
34 surface	> 2492	9:51	
29 Surface 30 Surface 31 Surface 32 Surface 33 Surface 34 Surface 36 Surface 37 Surface 38 Surface 39 Surface	7 2492	9:51	
37 surface	72492	9:51	

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

90
1
9
7
0
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- 0,
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Date:		
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	Toronto Contractor Con	
		The second second

Project:		Dutc.	
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor		de Conc.	GPS
38 39	A Late of the late	7 2492	9:51	
7	1 2	7 2492	101.68	
,0		7 2492	ID: 08	
12		7 2497	10:08	
16		7 2492	10.08	
3		7 2492	10,08	
14		22492	(0: 08	
5		7 2496	10:08	
14		> 2492		
17		72492		
18		7 2492	10:26	
19		7 2992	10:26	
18 19 50 51 52 3 4 5 6 7		> 2492	10:24	
		2492	10:26	
,2		2002	10:26	
3		2492	0 2 26	
y		> 2492	10: 44	
		2492	10:49	
10	4	2492	10:46	
7		72492	10: 40	
0		72492	10:46	
O G		2492	10: 46	
1	- 2	2492	10: 40	
0		27.480 23.508		
		23,508	8:17	
0 1 2 3		27,480	8:17	
3		27.680	8:17	
5		27480	8:17	
		27680	8:17	
Q	7	27680	8:17	
		>27480	8:50	
8		27680	8:50	
9		20,520	8:50	
)	<	> 27(880	8:50	
	1	21680	8:50	
		27680	8:50	
		7 27480	0.50	
Sample Point = SP #1 @ ## etc		Test Trench	8:50	W. 10.12.1.
Floor = FL #1 etc				Resamples= SP #1 @ 5b or SW #1b
Sidewall = SW #1 etc		Refusal = SF		Stockpile = Stockpile #1
Sample Point = SP #1 @ ## etc Floor = FL #1 etc Sidewall = SW #1 etc		Soil Intended to be Defe	rred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Ar

fo		
43		
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EFFCH	è	2
Environmental	& Safety Solution	ons, Inc.

Date:	8+19-19

	-		Date: 5-1(1)	
Project:	Serrano			
Project Number:		Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Cond	с.	GPS
Surface # 74		27680	8:29	
75		227,680	8:30	
76		27,1080	8:30	
7-7		627,680	8.30	
18		27,1680	8'.3)	
79			8:31	
Q		27,680	8:31	
18	1	082, FG	8138	
82		27 680 083 FC	8:38	
83		27,680	8:38	
84		27,680	8:38	
85		27,1680	8:38	
36		23,508	8:56	
78		33, 509	8:56	
88		30,520	8:57	
89		18.216	8457	
90		23,152	8:57	
IDI		23,152	9:26	
102		27, 1080	9:26	
103		27,680	9:26	
104		27,680	9130	
105		23,508	9:36	
106		33,508	9:30	
F01		16,356	9:30	
108		20,520	9:30	
109		27,680	9:32	
		27,680	F1:01	
121		27,680	10:18	
173		2-1100	- 10	
174		27 680	10:19	
174		27.1080	10:19	
121	,	37 LRO	10:19	
127		27.1.80	10.20	
178		27,1080	10:20	
128		27,680 27,680 27,680 27,680 27,680 27,680 27,680 27,680	10:21	
130		27,1080	10:21	

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



n Carneys		Date:	
Project:			-
Project Number:			
- reject ivalliber.	Latitude:	Longitude	

Sample ID	PID/Odor	Chloride (Conc.	GPS
91		2 27450	9:20	drs
92		7 27680	9:20	
93		7 27680	9:20	•
94		7 77680	9:20	
95		7 21680	9:20	
94		7 27680	9:20	
97 98		7 27680 20,580	9:20	
48		23, 508	9.50	
99		23,568	950	
100		> 27680	9:50	
110		7 27680	9:00	
		\$ 27680	9:50	
112		7 27680	9: 50	
113		27680	9:50	
114		27680	10.ZO	
115	_3 K V_3	27680		
114		27680	10:20	
117		27680	10:20	
118		27680	10:20	
119		27680	(0:20	
120	1	7 27680	10:20	
148		2 27680	10:20	
49		7 27 480	1.20	
150		7 27480	1:20	
S S Z S Z		7 27680	1:20	
52	-	> 27680	1:20	
153		27680	1:20	
154		> 27680	1:20	
55		271000	1:20	
			2:00	
57		2 1080	2:00	
5-8		27680	2:00	
59		27680 27680 27680 27680 27680	2:00	
(0)	2	27680	2:03	
101		27080	2:03	
54 57 58 59 60 61 42		27680	2:05	
Sample Point - Sp. #1 @ ##	7	27680	2:03	

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

27680

2:03

5		
4		
ase		ell.
Pa	ECH	(92
	Environmental &	Safety Solutions, Inc.

n 6		Date:	8-19-19	_
Project: <u>Serrar</u>	10			
Project Number:	Latitude:	Longitude:		

Sample ID		PID/Odor	Chloride Conc.		GPS
Surface #1	31		27,1880	10:72	
	132		5+1080 5+1880	10177	
	133		27,680	10:40	
	134		27,1,80	10:40	
	135	-	27, 1080	10:42	
	136		27,690	10:42	
	127		20,520	10:42	
	137		23,152	1:31	
	139		23,152	1(3)	
	140		27,680	1132	
	1/11		27, 680	1:32	
	142		27,680	1:32	
	143		27,680	1:32	
	THE		27,680	1134	
	145		23/52	1:34	
	146		23,152		
	147		27,680	1:34	
	1104		27,680	1:47	
	165		23,152	1:47	
	166		23,152		
	1107		23/152	1:47	
	168		23,152	1.07	
	169			1148	
	130		27,680	1:48	
			27,680	1:48	
	172			2:00	
	173			2.01	
	174		27,680	9:03	
	175		27,680	204	
			J T 1000	2:08	
	176		27,680	5:10	
Sample Point = SP #1 @	P ## etc		Test Trench = TT #1 @ ##		Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc			Refusal = SP #1 @ 4'-R		Stockpile = Stockpile #1
Sidewall = SW #1 e	etc		Soil Intended to be Deferred = SP #1	@ 4' In-Situ	GPS Sample Points, Center of Comp A
					AND THE RESERVE TO SALES

Soil Profile

Project: 5	escano		Date:	7/3/19 7/	8 7/11 7/127
Project Number:		32,279828	_Longitude:	-103,373	33.7
Depth (ft. bgs)		Dona	aturat a u		
1	Impact Fill,	Pallila D. 1	ription		
2		cause fau	••••••		*******
3	Red Sand				
TO 4	3200	********************			
5					
6		***************************************			
7				***************************************	***************************************
8			***************************************		
9	1111				***************************************
10				******************	
11			7.11		
12					
13					*****************
14					
15					
16					
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18					
19					
20					*******************
21					
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26					
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36	***************************************	********			
37	***************************************				
38		*******************************			
39		•••••••	••••••		
40		*************************		••••••	

Appendix C Laboratory Analytical Reports



July 15, 2019

DANIEL DOMINGUEZ

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SERRANO

Enclosed are the results of analyses for samples received by the laboratory on 07/09/19 15:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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 DANIEL DOMINGUEZ P.O. Box 301 Lovington NM, 88260

Analyzed By me

Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019 SERRANO

ma/ka

Sampling Type:

Soil

Project Name: Project Number:

10768

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

Project Location:

DTEV 0021D

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 1 (H902340-01)

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	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2019	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2019	ND	202	101	200	7.22	
DRO >C10-C28*	<10.0	10.0	07/10/2019	ND	202	101	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	07/10/2019	ND					
Surrogate: 1-Chlorooctane	117 5	% 41-142	?						
Surrogate: 1-Chlorooctadecane	120	% 37.6-14	7						

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.



Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 07/09/2019

Reported: 07/15/2019 Project Name: **SERRANO**

Project Number: 10768

Project Location: GOODNIGHT MIDSTREAM - LEA CO NM Sampling Date: 07/08/2019

Sampling Type: Soil

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

Sample ID: SP 2 (H902340-02)

BTEX 8021B	mg/	'kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.3-12	19						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/10/2019	ND	400	100	400	0.00	QR-03
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2019	ND	202	101	200	7.22	
DRO >C10-C28*	<10.0	10.0	07/10/2019	ND	202	101	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	07/10/2019	ND					
Surrogate: 1-Chlorooctane	114 %	% 41-142	?						
Surrogate: 1-Chlorooctadecane	118 9	% 37.6-14	!7						

Surrogate: 1-Chlorooctadecane 118 % 37.6-147

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.



Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 07/09/2019

Reported: 07/15/2019 Project Name: **SERRANO**

Project Number: 10768 Project Location: GOODNIGHT MIDSTREAM - LEA CO NM Sampling Date: 07/08/2019

Sampling Type: Soil

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

Sample ID: SP 3 (H902340-03)

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	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2019	ND	202	101	200	7.22	
DRO >C10-C28*	<10.0	10.0	07/10/2019	ND	202	101	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	07/10/2019	ND					
Surrogate: 1-Chlorooctane	116 9	6 41-142	!						
Surrogate: 1-Chlorooctadecane	120 9	37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019

Sampling Type:

Soil

Project Name:

SERRANO 10768

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

Project Number: Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 4 (H902340-04)

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	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2019	ND	202	101	200	7.22	
DRO >C10-C28*	<10.0	10.0	07/10/2019	ND	202	101	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	07/10/2019	ND					
Surrogate: 1-Chlorooctane	115 %	6 41-142	ı						
Surrogate: 1-Chlorooctadecane	119 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: Reported:

07/09/2019 07/15/2019

Project Name: Project Number: **SERRANO** 10768

Project Location: GOODNIGHT MIDSTREAM - LEA CO NM Sampling Date: 07/08/2019

Sampling Type: Soil

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

Sample ID: SP 5 (H902340-05)

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	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					

Surrogate: 4-Bromofluorobenzene	e (PID	101 %	73.3-129
---------------------------------	--------	-------	----------

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2019	ND	202	101	200	7.22	
DRO >C10-C28*	<10.0	10.0	07/10/2019	ND	202	101	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	07/10/2019	ND					

Surrogate: 1-Chlorooctane 113 % 41-142 Surrogate: 1-Chlorooctadecane 116% 37.6-147

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 6 (H902340-06)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	< 0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2019	ND	202	101	200	7.22	
DRO >C10-C28*	<10.0	10.0	07/10/2019	ND	202	101	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	07/10/2019	ND					
Surrogate: 1-Chlorooctane	117 %	6 41-142							
Surrogate: 1-Chlorooctadecane	120 9	37.6-14	7						

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Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019 **SERRANO**

Sampling Type:

Soil

Project Name:

10768

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

Project Number: Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 7 (H902340-07)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/10/2019	ND	202	101	200	7.22	
DRO >C10-C28*	<10.0	10.0	07/10/2019	ND	202	101	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	07/10/2019	ND					
Surrogate: 1-Chlorooctane	117 %	6 41-142	!						
Surrogate: 1-Chlorooctadecane	120 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 8 (H902340-08)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2019	ND	204	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	07/11/2019	ND	219	109	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	07/11/2019	ND					
Surrogate: 1-Chlorooctane	97.5	% 41-142	?						
Surrogate: 1-Chlorooctadecane	115 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 10 (H902340-09)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/10/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/10/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/10/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/10/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/10/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
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	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2019	ND	204	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	07/11/2019	ND	219	109	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	07/11/2019	ND					
Surrogate: 1-Chlorooctane	97.7	% 41-142	,						
Surrogate: 1-Chlorooctadecane	115	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019 SERRANO

ma/ka

Sampling Type:

Soil

Project Name:

10768

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

Project Number: Project Location:

RTFY 8021R

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 11 (H902340-10)

B1EX 8021B	mg,	кg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2019	ND	2.15	108	2.00	2.85	
Toluene*	<0.050	0.050	07/11/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	<0.050	0.050	07/11/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/11/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/11/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/11/2019	ND	204	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	07/11/2019	ND	219	109	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	07/11/2019	ND					
Surrogate: 1-Chlorooctane	100	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	119	% 37.6-14	7						

Analyzed Ry: me

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/09/2019

Sampling Date:

07/08/2019

Reported:

07/15/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 12 (H902340-11)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2019	ND	2.15	108	2.00	2.85	
Toluene*	< 0.050	0.050	07/11/2019	ND	2.16	108	2.00	0.913	
Ethylbenzene*	< 0.050	0.050	07/11/2019	ND	2.03	101	2.00	0.512	
Total Xylenes*	<0.150	0.150	07/11/2019	ND	6.13	102	6.00	0.696	
Total BTEX	<0.300	0.300	07/11/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2019	ND	204	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	07/12/2019	ND	219	109	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	07/12/2019	ND					
Surrogate: 1-Chlorooctane	97.1 9	% 41-142	1						
Surrogate: 1-Chlorooctadecane	118 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 07/09/2019

Reported: 07/15/2019 Project Name: **SERRANO** Project Number: 10768

Project Location: GOODNIGHT MIDSTREAM - LEA CO NM Sampling Date: 07/08/2019

Sampling Type: Soil

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

Sample ID: SP 13 (H902340-12)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2019	ND	2.09	105	2.00	0.678	
Toluene*	<0.050	0.050	07/11/2019	ND	2.09	104	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/11/2019	ND	1.98	98.9	2.00	0.643	
Total Xylenes*	<0.150	0.150	07/11/2019	ND	5.96	99.3	6.00	0.617	
Total BTEX	<0.300	0.300	07/11/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/10/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2019	ND	204	102	200	4.89	
DRO >C10-C28*	<10.0	10.0	07/12/2019	ND	219	109	200	8.98	
EXT DRO >C28-C36	<10.0	10.0	07/12/2019	ND					
Surrogate: 1-Chlorooctane	97.9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	118 9	% 37.6-14	7						

Cardinal Laboratories *=Accredited Analyte

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

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Celeg D. Freene

Relinquished By:

otolar Villa

Time: 10:49 Date: 9.19

Phone Result: Fax Result: REMARKS:

☐ Yes

□ □ No No

Add'l Phone #: Add'l Fax #:

email results to danield@etechenv.com

Date: 7-9.19 Received By:

Time: 3: 177

auara

Relinquished By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 15 of 16 aboratories 101 East Marland, Hobbs, NM 88240

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

Company Name: Etech Environmental		87170		ANALYSIS REQUEST
Project Manager: Daniel Dominguez		P.O. #:		
Address: PO Box 896		Company:		
City: Lovington State: NM	√ Zip: 88260	Attn:		
Phone #: 575-396-2378 Fax #:	tritterritrineittissittissittissittissittissittissittissittissittissittissittissittissittissittissittissittiss	Address:		
Project #: 10768 Project Owner:	r: Goodnight Midstream City:	City:		
Project Name: Serrano	ortestitementementementementemannamannamannaman	State: Zip:		
Project Location:		Phone #:		
Sampler Name: Catalina Villa		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride TPH	BTEX 8021
(SP1	ം ച	X 7/8/19 8:45	×	×
2 SP2	G 1	X 7/8/19 9:06	×	×
SP3	G 1	X 7/8/19 9:26	×	×
4 SP4	G 1	X 7/8/19 9:42	×	×
<u>\$</u> \$P5	6 1	X 7/8/19 10:01	×	×
6 SP6	G 1	X 7/8/19 10:22	×	×
7 SP7	6 1 ×	10:37	×	×
SP8	ഒ 1 ×	X 7/8/19 11:11	×	×
9 SP10	ഒ 1 ×		×	×
/6 SP11	о О	X 7/8/19 11:36	×	X

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

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

かかん

Sample Condition
Cool Intact
HYes HYes
No No

6

CHECKED BY (Initials)

Time: 3.47

Sample Condition
Cool Intact
Pres Pres
No No

CHECKED BY: (Initials)

Relinquished By:

atalna villa

Ph. Office

Date: 7-4-19

Received By:

email results to danield@etechenv.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 16 of 16 101 East Marland, Hobbs, NM 88240 aboratories

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

Company Name: Etech Environmental		8/11/8	Carter Section 1		ANALYSIS REQUEST
		P.O. #:			- 1
Address: PO Box 896		Company:			
City: Lovington State: NM	Zip: 88260	Attn:			
Phone #: 575-396-2378 Fax #:		Address:			
Project #: 10768 Project Owner:	Goodnight Midstream City:	n City:			
Project Name: Serrano		State: Zip:			
Project Location:		Phone #:			
Sampler Name: Catalina Villa		Fax #:			
	MATRIX	ESERV.	SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	T M	TPH BTEX 8021	
// SP12	×	×	12:40 X	×	
/2 SP13	×		13:56		
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Relinquished By: Date: Received By: Phone Res	Received By:	n is based upon any of the above stated	Phone Result:	□ Yes □ No	o Add'l Phone #:
CALONA DISKS Timps 12	C/ Calmin	}.	REMARKS:	Yes 📙	

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

40

Sampler - UPS - Bus - Other: Delivered By: (Circle One)



July 25, 2019

DANIEL DOMINGUEZ

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SERRANO

Enclosed are the results of analyses for samples received by the laboratory on 07/18/19 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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 DANIEL DOMINGUEZ P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/18/2019 07/25/2019 Sampling Date: Sampling Type: 07/15/2019

Reported: Project Name:

07/25/2019 SERRANO

Sampling Condition:

Soil Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 9 @ 1' (H902482-01)

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	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	<0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/19/2019	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	07/20/2019	ND	226	113	200	0.171	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	219	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	86.5	% 41-142	?						
Surrogate: 1-Chlorooctadecane	93.9	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 14 @ 1' (H902482-02)

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	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	<0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 73.3-12	9						
Chloride, SM4500Cl-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	07/19/2019	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	07/20/2019	ND	226	113	200	0.171	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	219	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	88.1	% 41-142							
Surrogate: 1-Chlorooctadecane	95.0	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By: ms

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

BTEX 8021B

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 15 @ 1' (H902482-03)

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	<0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/19/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	123	% 41-142	,						
Surrogate: 1-Chlorooctadecane	125	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By: ms

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

BTEX 8021B

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 16 @ 2' (H902482-04)

DILX GOZID	11197	ng .	Andryzo	u by. III3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	< 0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	< 0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/19/2019	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	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	117 9	% 41-142							
Surrogate: 1-Chlorooctadecane	117 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 17 @ 1' (H902482-05)

B1EX 8021B	mg,	rkg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	<0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-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	07/19/2019	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	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	107	% 41-142)						
Surrogate: 1-Chlorooctadecane	105	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 18 @ 1' (H902482-06)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	<0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	< 0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.3-12	9						
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	07/19/2019	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	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	117 %	6 41-142	!						
Surrogate: 1-Chlorooctadecane	117 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

RTFY 8021R

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 19 @ 1' (H902482-07)

BIEX 8021B	тд/кд		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	<0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	07/19/2019	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	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	122 9	% 41-142							
Surrogate: 1-Chlorooctadecane	123 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 20 @ 1' (H902482-08)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS %	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2019	ND	1.99	99.5	2.00	0.995	
Toluene*	<0.050	0.050	07/19/2019	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	07/19/2019	ND	1.93	96.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	07/19/2019	ND	5.83	97.2	6.00	1.60	
Total BTEX	<0.300	0.300	07/19/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2019	ND	400	100	400	0.00	QR-03
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	116%	6 41-142	ı						
Surrogate: 1-Chlorooctadecane	116 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301 Lovington NM, 88260

Analyzed By: ms

Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO C, 28,23S,35E,LEA - 10768 Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number: Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 21	@ 1' (H902482-09)
BTEX 8021B	mg/kg

	****31	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	117 :	% 41-142	?						
			_						

Surrogate: 1-Chlorooctadecane

118 %

37.6-147

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 22 @ 1' (H902482-10)

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	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	117 %	6 41-142							
Surrogate: 1-Chlorooctadecane	117 9	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

RTFY 8021R

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 23 @ 1' (H902482-11)

B1EX 8021B	mg,	r Kg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	107 :	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	108	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions
DANIEL DOMINGUEZ
P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 24 @ 1' (H902482-12)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/19/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/19/2019	ND					
Surrogate: 1-Chlorooctane	121 9	% 41-142	•						
Surrogate: 1-Chlorooctadecane	122 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By: ms

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

BTEX 8021B

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number: Project Location:

C, 28,23S,35E,LEA - 10768

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 25 @ 1' (H902482-13)

	9/	9	7	7:					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	120	% 41-142	?						
Surrogate: 1-Chlorooctadecane	121	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Sample Received By:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 26 @ 1' (H902482-14)

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	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	< 0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	< 0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	214	107	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	109 %	6 41-142	?						
Surrogate: 1-Chlorooctadecane	111 %	6 37.6-14	7						

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07/15/2019

Soil

Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 07/18/2019 Sampling Date: Reported: 07/25/2019 Sampling Type:

Project Name: **SERRANO** Sampling Condition: Cool & Intact Project Number: C, 28,23S,35E,LEA - 10768 Sample Received By: Tamara Oldaker

GOODNIGHT MIDSTREAM - LEA CO NM Project Location:

Sample ID: SP # 27 @ 1' (H902482-15)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2019	ND	214	107	200	0.788	
DRO >C10-C28*	18.4	10.0	07/22/2019	ND	201	101	200	2.17	
EXT DRO >C28-C36	33.5	10.0	07/22/2019	ND					
Surrogate: 1-Chlorooctane	79.2	% 41-142	?						
Surrogate: 1-Chlorooctadecane	90.7	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 28 @ 1' (H902482-16)

B1EX 8021B	mg/	ky	Allalyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	123 9	% 41-142	•						
Surrogate: 1-Chlorooctadecane	128 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301 Lovington NM, 88260

Analyzed By: ms

Fax To: (575) 396-1429

Received:

BTEX 8021B

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 29 @ 1' (H902482-17)

DIEX GOZID	11197	, kg	Allulyzo	a by. ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	119	% 41-142	?						
Surrogate: 1-Chlorooctadecane	122	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 30 @ 1' (H902482-18)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	126 %	6 41-142							
Surrogate: 1-Chlorooctadecane	130 9	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

RTFY 8021R

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 31 @ 2' (H902482-19)

B1EX 8021B	mg/	rky	Allalyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 73.3-12	9						
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	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	124 9	% 41-142	•						
Surrogate: 1-Chlorooctadecane	127 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP # 32 @ 1' (H902482-20)

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	07/22/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/22/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/22/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/22/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/22/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	126 %	6 41-142	!						
Surrogate: 1-Chlorooctadecane	129 9	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-14

Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019 SERRANO Sampling Type:

Soil

Project Name:

C, 28,23S,35E,LEA - 10768

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

Project Number: Project Location:

BTEX 8021B

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: NH1 @ SURFACE (H902482-21)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/24/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Chloride, SM4500CI-B Analyte	mg/ Result	Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
			<u> </u>		BS 400	% Recovery	True Value QC	RPD 0.00	Qualifier
Analyte	Result	Reporting Limit	Analyzed 07/22/2019	Method Blank		•	•		Qualifier
Analyte Chloride	Result	Reporting Limit	Analyzed 07/22/2019	Method Blank		•	•		Qualifier Qualifier
Analyte Chloride TPH 8015M	Result 32.0 mg/	Reporting Limit 16.0	Analyzed 07/22/2019 Analyze	Method Blank ND d By: MS	400	100	400	0.00	
Analyte Chloride TPH 8015M Analyte	Result 32.0 mg/	Reporting Limit 16.0 (kg Reporting Limit	Analyzed 07/22/2019 Analyzed Analyzed	Method Blank ND d By: MS Method Blank	400 BS	100 % Recovery	400 True Value QC	0.00	

Analyzed By: ms

Surrogate: 1-Chlorooctadecane 124 %

120 %

41-142

37.6-147

Surrogate: 1-Chlorooctane

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

ma/ka

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: NH1 @ 1' (H902482-22)

BIEX 8021B	mg/	кд	Anaiyze	ea By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/24/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	126 %	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	130 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 07/18/2019 Reported:

07/25/2019 Sampling Type: Soil Sampling Condition:

Project Name: **SERRANO** Project Number:

RTFY 8021R

C, 28,23S,35E,LEA - 10768

GOODNIGHT MIDSTREAM - LEA CO NM Project Location:

Sampling Date: 07/15/2019

Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: NH2 @ SURFACE (H902482-23)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/24/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	121 9	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	126 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: NH2 @ 1' (H902482-24)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/24/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	125 %	6 41-142	ı						
Surrogate: 1-Chlorooctadecane	130 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

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

Project Number:

C, 28,23S,35E,LEA - 10768

Analyzed By, me

GOODNIGHT MIDSTREAM - LEA CO NM Project Location:

Sample ID: SH1 @ SURFACE (H902482-25)

		кg							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/24/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	124 %	% 41-142	•						
Surrogate: 1-Chlorooctadecane	129 9	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

ma/ka

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Analyzed By, me

Tamara Oldaker Sample Received By:

Project Location:

RTFY 8021R

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SH1 @ 1' (H902482-26)

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	07/24/2019	ND	1.97	98.3	2.00	3.11	
Toluene*	<0.050	0.050	07/24/2019	ND	2.03	101	2.00	2.45	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.90	95.0	2.00	3.29	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.89	98.1	6.00	3.18	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	123	% 41-142	,						
Surrogate: 1-Chlorooctadecane	128	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 07/18/2019

Reported: Project Name: **SERRANO**

Project Number: Project Location:

RTFY 8021R

07/25/2019

C, 28,23S,35E,LEA - 10768

GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 07/15/2019

Sampling Type: Soil

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

Sample ID: SH2 @ SURFACE (H902482-27)

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	07/23/2019	ND	1.78	88.8	2.00	4.65	
Toluene*	<0.050	0.050	07/23/2019	ND	1.82	90.9	2.00	4.26	
Ethylbenzene*	<0.050	0.050	07/23/2019	ND	1.73	86.6	2.00	4.02	
Total Xylenes*	<0.150	0.150	07/23/2019	ND	5.23	87.2	6.00	3.74	
Total BTEX	<0.300	0.300	07/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2019	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	116	% 41-142	•						
Surrogate: 1-Chlorooctadecane	121	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

ma/ka

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

RTFY 8021R

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SH2 @ 1' (H902482-28)

Result < 0.050 < 0.050	Reporting Limit 0.050	Analyzed 07/23/2019	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	07/23/2019					Tu D	Qualifiei
<0.050		0,,20,2013	ND	1.78	88.8	2.00	4.65	
	0.050	07/23/2019	ND	1.82	90.9	2.00	4.26	
<0.050	0.050	07/23/2019	ND	1.73	86.6	2.00	4.02	
<0.150	0.150	07/23/2019	ND	5.23	87.2	6.00	3.74	
<0.300	0.300	07/23/2019	ND					
104 9	% 73.3-12	9						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	07/22/2019	ND	432	108	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
<10.0	10.0	07/20/2019	ND					
127 9	% 41-142							
132 9	% 37.6-14	7						
	<0.150 <0.300 104 9 mg/ Result 16.0 mg/ Result <10.0 <10.0 <10.0	<0.150 0.150 <0.300 0.300 104	<0.150	<0.150 07/23/2019 ND 104 % 73.3-129 T3.3-129 Analyzed By: AC Result Reporting Limit Analyzed Method Blank 16.0 16.0 07/22/2019 ND Result Reporting Limit Analyzed Method Blank <10.0 10.0 07/20/2019 ND	<0.150	<0.150 0.150 07/23/2019 ND 5.23 87.2 73.3-129 mg/ky Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 16.0 16.0 07/22/2019 ND 432 108 Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	<0.150 0.150 07/23/2019 ND 5.23 87.2 6.00 1/04 ⅓ 73.3-129 mg/ky Analyzed By: AC Result Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 16.0 07/22/2019 ND 432 108 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC < 10.0 10.0 07/20/2019 ND 212 106 200 200 210.0 210.0 200	<0.150

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 07/18/2019 Reported:

07/25/2019

SERRANO C, 28,23S,35E,LEA - 10768

GOODNIGHT MIDSTREAM - LEA CO NM

Project Location:

Project Name:

RTFY 8021R

Project Number:

Sampling Date: 07/15/2019 Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: EH1 @ SURFACE (H902482-29)

BIEX 8021B	mg/	кд	Anaiyze	ea By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2019	ND	1.78	88.8	2.00	4.65	
Toluene*	<0.050	0.050	07/23/2019	ND	1.82	90.9	2.00	4.26	
Ethylbenzene*	<0.050	0.050	07/23/2019	ND	1.73	86.6	2.00	4.02	
Total Xylenes*	<0.150	0.150	07/23/2019	ND	5.23	87.2	6.00	3.74	
Total BTEX	<0.300	0.300	07/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	126 %	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	131 %	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: EH1 @ 1' (H902482-30)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2019	ND	1.78	88.8	2.00	4.65	
Toluene*	<0.050	0.050	07/23/2019	ND	1.82	90.9	2.00	4.26	
Ethylbenzene*	<0.050	0.050	07/23/2019	ND	1.73	86.6	2.00	4.02	
Total Xylenes*	<0.150	0.150	07/23/2019	ND	5.23	87.2	6.00	3.74	
Total BTEX	<0.300	0.300	07/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	115 %	6 41-142							
Surrogate: 1-Chlorooctadecane	119 9	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260

Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: EH2 @ SURFACE (H902482-31)

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	07/23/2019	ND	1.78	88.8	2.00	4.65	
Toluene*	<0.050	0.050	07/23/2019	ND	1.82	90.9	2.00	4.26	
Ethylbenzene*	<0.050	0.050	07/23/2019	ND	1.73	86.6	2.00	4.02	
Total Xylenes*	<0.150	0.150	07/23/2019	ND	5.23	87.2	6.00	3.74	
Total BTEX	<0.300	0.300	07/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	120	% 41-142	•						
Surrogate: 1-Chlorooctadecane	122	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

ma/ka

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: EH2 @ 1' (H902482-32)

51	··· ·	7	a By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	07/23/2019	ND	1.78	88.8	2.00	4.65	
<0.050	0.050	07/23/2019	ND	1.82	90.9	2.00	4.26	
<0.050	0.050	07/23/2019	ND	1.73	86.6	2.00	4.02	
<0.150	0.150	07/23/2019	ND	5.23	87.2	6.00	3.74	
<0.300	0.300	07/23/2019	ND					
104 %	6 73.3-12	9						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	07/22/2019	ND	432	108	400	0.00	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
<10.0	10.0	07/20/2019	ND					
122 %	6 41-142	ı						
126 %	6 37.6-14	7						
	Result <0.050 <0.050 <0.050 <0.150 <0.300 104 % mg/l Result 16.0 mg/l Control of the control	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 TO 4 % TO 3.3-12 mg/kg Result Reporting Limit 16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <p< td=""><td>Result Reporting Limit Analyzed <0.050</td> 0.050 07/23/2019 <0.050</p<>	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery < 0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: WH1 @ SURFACE (H902482-33)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2019	ND	1.78	88.8	2.00	4.65	
Toluene*	<0.050	0.050	07/23/2019	ND	1.82	90.9	2.00	4.26	
Ethylbenzene*	<0.050	0.050	07/23/2019	ND	1.73	86.6	2.00	4.02	
Total Xylenes*	<0.150	0.150	07/23/2019	ND	5.23	87.2	6.00	3.74	
Total BTEX	<0.300	0.300	07/23/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/22/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	121	% 41-142	?						
Surrogate: 1-Chlorooctadecane	125	% 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: WH1 @ 1' (H902482-34)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2019	ND	1.74	87.0	2.00	2.24	
Toluene*	<0.050	0.050	07/24/2019	ND	1.77	88.6	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.69	84.3	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.08	84.7	6.00	2.60	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	117 %	6 41-142							
Surrogate: 1-Chlorooctadecane	121 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Analyzed By, me

Lovington NM, 88260 Fax To: (575) 396-1429

Received:

RTFY 8021R

07/18/2019

Sampling Date:

07/15/2019

Reported:

07/25/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

C, 28,23S,35E,LEA - 10768

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: WH2 @ SURFACE (H902482-35)

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	07/24/2019	ND	1.74	87.0	2.00	2.24	
Toluene*	<0.050	0.050	07/24/2019	ND	1.77	88.6	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.69	84.3	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.08	84.7	6.00	2.60	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.3-12	9						
Chloride, SM4500Cl-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	07/22/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2019	ND	212	106	200	1.46	
DRO >C10-C28*	<10.0	10.0	07/20/2019	ND	208	104	200	0.780	
EXT DRO >C28-C36	<10.0	10.0	07/20/2019	ND					
Surrogate: 1-Chlorooctane	120 %	6 41-142	ı						
Surrogate: 1-Chlorooctadecane	124 %	6 37.6-14	7						

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301 Lovington NM, 88260

Analyzed By, me

Fax To: (575) 396-1429

Received: 07/18/2019

Reported: 07/25/2019 Project Name: **SERRANO**

Project Number: Project Location:

RTFY 8021R

ma/ka

C, 28,23S,35E,LEA - 10768

GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date: 07/15/2019

Sampling Type: Soil

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

Sample ID: WH2 @ 1' (H902482-36)

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	07/24/2019	ND	1.74	87.0	2.00	2.24	
Toluene*	<0.050	0.050	07/24/2019	ND	1.77	88.6	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/24/2019	ND	1.69	84.3	2.00	2.24	
Total Xylenes*	<0.150	0.150	07/24/2019	ND	5.08	84.7	6.00	2.60	
Total BTEX	<0.300	0.300	07/24/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2019	ND	194	96.8	200	1.17	
DRO >C10-C28*	<10.0	10.0	07/22/2019	ND	184	92.2	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	07/22/2019	ND					
Surrogate: 1-Chlorooctane	87.9	% 41-142	•						
Surrogate: 1-Chlorooctadecane	96.4	% 37.6-14	7						

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Celeg D. Keene

*=Accredited Analyte



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

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FORM-006 R 2.0

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

aboratories 101 East Marland, Hobbs, NM 88240

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

Company Name: Goodnight Midstream Permian, LLC Project Manager: Daniel Dominguez		P.O. #:		
Address: 3100 Plains Hwy	The second secon	Company: Etech Environmental & Sa	& Sat	
City: Lovington State: NM	Zip: 88260	Attn: Daniel Dominguez		
Phone #: 575-396-2378 Fax #: 575-396-1429	1429	Address: P.O. Box 301		
Project #: D768 Project Owner:	Goodnight Midstre	Goodnight Midstream Per City: Lovington		
Project Name: Serrano		State: NM Zip: 88260		
Project Location: "C", 28, 23S, 35E, Lea		Phone #: 575-396-2378		
Sampler Name: Catlina Villa, Shawn Cotton		Fax #: 575-396-1429		
FOR LAB USE ONLY	MATRIX			_
Lab I.D. Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE	Chloride	TPH BTEX 8021
SP#9@1'	G 1 X			
2 SP#14@1'	G 1 ×	X 7/15/19	×	
3 SP#15@1'	G 1	× 7/15/19	-	
4 SP#16@2'	G 1 ×	X 7/15/19		
5 SP#17@1'	ດ 1 ×	X 7/15/19	×	
6 SP#18@1'	G 1	X 7/15/19		
, SP#19@1'	6 1 X			×
SP#20@1'	G 1 X			
	G 1	X 7/15/19		
10 SP#22@1'	G 1	X 7/15/19	×	

Relinquished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle Ofte) Correcce Time: 127 px Date-7/18/19 1.40 MANORO CAL Sample Condition Cool Inter 10

Received By:

REMARKS: email results to danield@etechenv.com

□ Yes

□□ No No

Add'l Phone #: Add'l Fax #:

page 1 of 4

00

Relinquished By:

Catalna inela

Date: 18-19 67-18-19

Phone Result:

□ Yes

Add'l Phone #: Add'l Fax #:

REMARKS: email results to danield@etechenv.com

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

Company Name:	: Goodnight Wildstream Permian, LLC	C										b		BILL TO					ANALYSIS REQUEST	
Project Manager:	r: Daniel Dominguez							ı	7	P.O. #:	#								\neg	
Address: 310	3100 Plains Hwy								0	òn	lpa	Company:		Etech Environmental & Sa	mental & Sa					
City: Lovington	n State: NM	Z	Zip:	œ	88260	ő			D	ttn)ani	e D	Attn: Daniel Dominguez						
Phone #: 575	575-396-2378 Fax #: 575-396-1429	1429							>	dd	res	S: F	Ö	Address: P.O. Box 301						
Project #: しつしろ	և% Project Owner:	G	Goodnight Midstream Pe City: Lovington	hgir	Ž	idst	89	D C	e C	ity	_	OVI	ngto	9						
Project Name:	Serrano								co	State: NM	9	Ź		Zip: 88260						
Project Location:	1: "C", 28, 23S, 35E, Lea								סד	ho	ne i	#F	75-	Phone #: 575-396-2378						
Sampler Name:	Catlina Villa, Shawn Cotton								71	ax	# 5	75-	396-	Fax #: 575-396-1429						
FOR LAB USE ONLY	The second second second)		П		₹	MATRIX	×		-	ᇛ	PRESERV.	Š	SAMPLING	IG					
Lab I.D. 1902 482	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	1000 000 000	ICE / COOL	OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021		
11	SP#23@1'	G	u,			×	-	-		H		×		7/15/19		×	×	×		
12	SP#24@1'	G	۵,			×	,					×		7/15/19		×	×	×		
123	3 SP#25@1'	G	4			×	**					×		7/15/19		×	×	×		Constitution (Constitution Constitution Cons
74	SP#26@1'	G				×	-	-	-1110			×		7/15/19		×	×	×	The state of the s	The state of the s
l'S	SP#27@1'	G	4			×						×		7/15/19		×	×	×		7.00
16	SP#28@1'	G	۵,			×		intro				×		7/15/19		×	×	×		
17	SP#29@1'	G	۵,			×		·	www.			×		7/15/19		×	×	×		TOTAL PROPERTY AND A STATE OF THE PROPERTY AND A STATE OF
81	SP#30@1'	G	3,			×	-					×		7/15/19		×	×	×		***************************************
19	SP#31@2'	G	_,			×			-			×		7/15/19		×	×	×		Transmitter of the second control of the sec
20	SP#32@1'	G	->			×	.,		-			×		7/15/19		×	×	×	7	A second
PLEASE NOTE: Liability an analyses. All claims including services in programmer shall Co.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or ton, shall be limited to the amount paid by the client for the analyses. All claims including those for regiligence and any other cause whatsoever shall be deemed wathed unless made in writing and received by Cardinal within 30 days after competion of the applicable of the property of the pr	any cla	m ark	ed uni	ess m	base ade ir	writi	y and	rece to the	ived I	y Ca	limite	within	the amount paid b	y the client for th mpletion of the a	e pplicable				
affliates or successors arising Relinquished By:	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise Relinquished By: Phone Res	Cardin	e Ce	ive	S of w	S lette	r such	clain	D S	sed	pon	any of	Te a	above stated reas	ons or otherwise. Phone Result:		□ Yes	S No	Add'l Phone #:	
		0	400	3	1										1101101100	Cit.				

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

Sampler - UPS - Bus - Other:

FORM-006 R 2.0

Delivered Bv. (Circle One)

1.00

Cool Intact
Tyes Tyes
No No

10

CHECKED BY: (Initials)

Time Way

Date | | | Received By:

page 2 of 4

Relinquished By:

atour

Tiere

Time: -00

REMARKS: email results to danield@etechenv.com

Date 7/18/18 Received By:

Page 41 of 42 aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Goodnight Midstream Permian, LLC

Company Name:	: Goodnight Midstream Permian, LLC	an, LLC			0	BILL TO					ANALYSIS REQUEST	UEST	
Project Manager:	r: Daniel Dominguez	1000			P.O. #:								
Address: 310	3100 Plains Hwy				Company:	Etech Environmental & Sa	nmental & Sa						
City: Lovington	on State: NM	Zip:	88260	60	Attn: Danie	Daniel Dominguez							
Phone #: 575	575-396-2378 Fax #: 575-396-1429	-396-1429			Address: P.O. Box 301	O. Box 301							
Project #: リレ	1 D7 LS Project Owner:		night M	lidstream P	Goodnight Midstream Pe City: Lovington	gton							
Project Name:	Serrano	***************************************			State: NM	Zip: 88260							
Project Location:	n: "C", 28, 23S, 35E, Lea				Phone #: 575-396-2378	75-396-2378							
Sampler Name:	Catlina Villa, Shawn Cotton				Fax #: 575-396-1429	96-1429							
FOR LAB USE ONLY		Ρ.		MATRIX	PRESERV	/. SAMPLING	NG						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS GROUNDWATER WASTEWATER	SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021			
2	NH1@Surface'	G	-	×	×	7/15/19		×	×	×			
r S	NH1@1'	ഒ		×	×	7/15/19		×	×	×			
נגפ	NH2@Surface'	ဓ		×	×	7/15/19		×	×	×			
が	NH2@1'	G		×	×	7/15/19		×	×	×			
8	SH1@Surface'	G		×	×	7/15/19		×	×	×			
R	SH1@1'	9	_	×	×	7/15/19		×	×	×			
eg.	SH2@Surface'	ഒ		×	×	7/15/19		×	×	×			
86	∂ 8 SH2@1'	G	_	×	×	7/15/19		×	×	×			
23	EH1@Surface'	ദ	_	×	×	7/15/19		×	×	×			
36	EH1@1'	ഒ	-	×	×	7/15/19		×	×	×			
PLEASE NOTE: Liability an analyses. All claims includin service. In no event shall Cartiliates or successors arising affiliates or successors arising the services.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoewer state be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be label for incidential consequences, including without limitation, business interruptions, loss of use, or loss of principle of the property of services are consequently afficiated or successful to a new of the above stated reasons or otherwise.	emedy for any claim and a standard was sometimed without limes and the cardinal or the cardina	rising whethe lived unless r litation, busin	r based in contrac nade in writing and ess interruptions, I	t or tort, shall be limited t received by Cardinal v loss of use, or loss of p	to the amount paid vithin 30 days after or rofits incurred by clie	by the client for the completion of the a art, its subsidiaries	pplicable					
Relinquished By:	on or ideas to the behalitative of	Date: 7-18 19 Rec	Received By:	W:	ns passed upon any or	in above states for	Phone Result:	ult:	□ Yes	□ □ No	Add'l Phone #: Add'l Fax #:		
1	-			-			and the second s	distance distance					STREET, STREET

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

1.40

Cool Intact
A Yes A Yes
No No

(Initials) CHECKED BY:

Sample Condition

Sampler - UPS - Bus - Other:

FORM-006 R 2.0

Delivered By: (Circle One)

30,

Time's 27

page 3 of 4

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

page 4 of 4

FORM-006 R 2.0



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

Company Name: Goodnight Midstream Permian, LLC		BILLTO		ANALYSIS REQUEST	
Project Manager: Daniel Dominguez		P.O. #:			
Address: 3100 Plains Hwy		Company: Etech Environmental & Sa	nental & Sa		
City: Lovington State: NM	Zip: 88260	Attn: Daniel Dominguez	and the second s		
Phone #: 575-396-2378 Fax #: 575-396-1429	1429	Address: P.O. Box 301			
Project #: 10768 Project Owner:	Goodnight Midstream Pe City: Lovington	e City: Lovington			
Project Name: Serrano		State: NM Zip: 88260			
Project Location: "C", 28, 23S, 35E, Lea	A (AT A CASA	Phone #: 575-396-2378			
Sampler Name: Catlina Villa, Shawn Cotton		Fax #: 575-396-1429			
	MATRIX	PRESERV. SAMPLING	G		
Lab I.D. Sample I.D.	RAB OR (C)OMP DNTAINERS DUNDWATER STEWATER L	IER : D/BASE: / COOL IER :	loride H	EX 8021	
3/ FHOMS inface!	4 G W < S	O Ai < IC	-	< B	
32 EH2@1'	+	× 7/15/19	× ×	×××	distribution of the state of th
	_			×	
_	G 1 X			×	
35 WH2@Surface'	G 1	X 7/15/19	×	×	
36 WH2@1'	× 0	X 7/15/19	× ×	×	
Damages. Cardinal's liability and client's hose for negligence and any other caus inal be liable for incidental or conseque out of or related to the performance of	ny claim afising whether based in contract levened waived unless made in writing and without limitation, business interruptions, lo Cardinal, regardless of whether such claim	or tort, shall be limited to the amount paid by received by Cardinal within 30 days after con- ses of use, or loss of profits incurred by client, is based upon any of the above stated reaso.			
Relinquished By: Date: 7-18-19	Received By:	F . 1	Phone Result: ☐ Yes Fax Result: ☐ Yes	.s □ No Add'I Phone#:	***************************************
	Received By:	Mark	KS: em	esults to da	
Other: Co	Cool Intact The Pres Pres No No No	4			



July 11, 2019

DANIEL DOMINGUEZ

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: SERRANO

Enclosed are the results of analyses for samples received by the laboratory on 07/08/19 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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
DANIEL DOMINGUEZ
D.O. Roy 201

P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received:

Chloride, SM4500Cl-B

07/08/2019

Sampling Date:

07/03/2019

Reported:

07/11/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

mg/kg

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 1 (H902305-01)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13000	16.0	07/10/2019	ND	416	104	400	0.00	
Sample ID: SP 2 (H90230!	5-02)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	07/10/2019	ND	416	104	400	0.00	
Sample ID: SP 3 (H902309 Chloride, SM4500CI-B	5-03) mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	07/10/2019	ND	416	104	400	0.00	
Sample ID: SP 4 (H90230!	5-04)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	47200	16.0	07/10/2019	ND	416	104	400	0.00	

Analyzed By: AC

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/08/2019

Sampling Date:

07/03/2019

Reported:

07/11/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 5 (H902305-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42400	16.0	07/10/2019	ND	416	104	400	0.00	
Sample ID: SP 6 (H902305-06))								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	07/10/2019	ND	416	104	400	0.00	
Sample ID: SP 7 (H902305-07))								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	16.0	07/10/2019	ND	416	104	400	0.00	
Sample ID: SP 8 (H902305-08))								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	30800	16.0	07/10/2019	ND	416	104	400	0.00	
Sample ID: SP 9 (H902305-09))								
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	07/10/2019	ND	416	104	400	0.00	

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 07/08/2019

Reported: Project Name: **SERRANO** Project Number:

Project Location:

07/11/2019

NONE GIVEN

GOODNIGHT MIDSTREAM - LEA CO NM

Sampling Date:

07/03/2019 Sampling Type: Soil

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

Sample ID: SP 10 (H902305-10)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	31200	16.0	07/10/2019	ND	416	104	400	0.00	

Sample ID: SP 11 (H902305-11)

Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	88800	16.0	07/10/2019	ND	416	104	400	0.00	

Sample ID: SP 12 (H902305-12)

Chloride, SM4500Cl-B	mg/	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	07/10/2019	ND	416	104	400	0.00	

Sample ID: SP 13 (H902305-13)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	88000	16.0	07/10/2019	ND	416	104	400	0.00	

Sample ID: SP 14 (H902305-14)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22600	16.0	07/10/2019	ND	400	100	400	3.92	QM-07

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/08/2019

Sampling Date:

07/03/2019

Reported:

07/11/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 15 (H902305-15)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	30400	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 16 (H902	305-16)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 17 (H902	305-17)								
Chloride, SM4500CI-B	mg	mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 18 (H902	305-18)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	53600	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 19 (H902	305-19)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48000	16.0	07/10/2019	ND	400	100	400	3.92	

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Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/08/2019

Sampling Date:

07/03/2019

Reported:

07/11/2019

Sampling Type:

Soil

Project Name:

SERRANO NONE GIVEN Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number: Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 20 (H902305-20)

Chloride, SM4500Cl-B	mg,	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23000	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 21 (H9023	05-21)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17200	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 22 (H9023	05-22)								
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 23 (H9023	05-23)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24800	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 24 (H9023)	05-24)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32400	16.0	07/10/2019	ND	400	100	400	3.92	

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07/03/2019

Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

07/08/2019 Sampling Date:

Reported: 07/11/2019 Sampling Type: Soil
Project Name: SERRANO Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 25 (H902305-25)

Received:

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	46400	16.0	07/10/2019	ND	400	100	400	3.92	

Sample ID: SP 26 (H902305-26)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	40000	16.0	07/10/2019	ND	400	100	400	3.92	

Sample ID: SP 27 (H902305-27)

Chloride, SM4500Cl-B	'kg	Analyze							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	78400	16.0	07/10/2019	ND	400	100	400	3.92	

Sample ID: SP 28 (H902305-28)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26800	16.0	07/10/2019	ND	400	100	400	3.92	

Sample ID: SP 29 (H902305-29)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15600	16.0	07/10/2019	ND	400	100	400	3.92	

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Celey D. Kune



Analytical Results For:

Etech Environmental & Safety Solutions DANIEL DOMINGUEZ

P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received:

07/08/2019

Sampling Date:

07/03/2019

Reported:

07/11/2019

Sampling Type:

Soil

Project Name:

SERRANO

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

GOODNIGHT MIDSTREAM - LEA CO NM

Sample ID: SP 30 (H902305-30)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34400	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 31 (H9023	05-31)								
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	92800	16.0	07/10/2019	ND	400	100	400	3.92	
Sample ID: SP 32 (H9023	05-32)								
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	07/10/2019	ND	400	100	400	3.92	

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Celeg 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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Page 10 of 13

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Etech Environmenta	1							1		LL 70						ANALY	SIS	REQ	UEST		
Project Manager	r: Daniel Dominguez						P.	.0.#														
Address: 314	DO Plains Hwy						c	omp	any	<i>/</i> :			1									
City: Louine		√ Zi	p: ?	882	60			ttn:														
Phone #:	Fax #:				200			ddre	ss:													
Project #:	Project Ov	mer: (70	Sal	410			ity:	-					Σ								
Project Name:	Serrano		4	24.	2		1	tate:			Zip:		es									
Project Location	and the same of th							hone			ZIP.		Chlorides	TPH 8015	TEX							
Sampler Name:	Saniel							ax #:	- 100				Ö	8	Ë							
FOR LAB USE ONLY	Daniel	_	T		MA	TRIX	II.		ESE	RV.	SAMPLI	NG	등	는 는	B							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME		Т -								
-	SPI	4			X		1		8		7/3/19		X									
2	SPZ	G			X				X		7/3/19		X									
.3	SP3	G			X			15	K		7/3/19		X							-		7
4	SPY	Ġ			X				x		7/3/19		X	- 44								
8	348	G	1		x				χ		7/3/19		X							-11		
6	SP6	G			X		1		X	ŀ	7/3/19		×									
7	5P7 ·	G	Ti		×				X	1	7/3/19		×								- 1	
8	SP8	G	1		X				K		7/3/19		×						10			
9	509	Ğ	1		X				x		7/3/19		V							=7		
10	SPIO	6	1		7				X		7/3/19		X									
analyses. All claims including service. In no event shall Co	Time: Date: Time:	all be dearned to the control of the	ed waivout limit al, rega ecei	ved unles tation, bu ardless of ived/E	ss made it is iness in it whether is y: 3y: ample cool	in writing a terruptions	ition	ceived by	y Card or loss on any	dinal with soft programmer of the soft progra	ithin 30 days after offisis incurred by coabove stated research	r completion of t	he applicab aries se. sult: It: S:	□ Yes	s 🗵	No No	Add'i Pho Add'i Fax	#:	env-c	com		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Etech Environmental									BI	LL 70						ANA	LYS	IS F	REQU	EST		
Project Manage	r: Lyniel Deminguez						F	P.O. #	‡ :												717		
ddress:	J						c	omp	any	y:				100					W				
City:	State:	Zij	o:				A	Attn:								1					Ш		
hone #:	Fax #:						A	ddre	ess:					17.2			1						
Project #:	Project Owner	r: (end	n'ah	+		c	ity:					1	Σ									
roject Name:				. 1.			s	state:			Zip:		Chlorides		-								
Project Location							P	hone	e #:				I 은	8015	BTEX			1					
Sampler Name:	Saniel							ax #:					12	8	1 1								
FOR LAB USE ONLY					MAT	TRIX		PR	EŞE	RV.	SAMP	LING	10	TPH	-								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME		_									
11	SPIL	6			X				X		7-3-10	3	Y						1				
12	SP12	Q	1		2				1		7		X								T		
13	SP13	5	1		X		14		1				λ										
14	SP14	9			X				y				X										
15	SP15	19	_		X			L	X				X										
14	SP14	9	-3		x			1	λ				×	27	- 1								
17	SP17	-			X			1	2				x				1						
18	SPIS	9			7				X	Ш			X	2 +1	-								
19	SP19	6	1		2			1	X				X										
20	SPZO	19	1		Y				X		W		入	- 1									
nalyses. All claims including sprice. In no event shall C fillates or successors arising the state of the successors arising the successor arising th	7 - 8 - 19 Time: 4 - 05 Date: Time:	deeme	ed wai out limi al, rega	ved unless tation, bus ardless of ived B	s made in siness inte whether s y:	writing erruptic such c	g and re- ons, loss laim is b	ceived by sof use, pased up	oy Car or los on an	rdinal w	ithin 30 days a ofits incurred b a above stated	fter completion of	the applica iaries rise. esult: ult:	□ Ye	s Z	No No		Phone Fax#	:	zn V	, con	n	
	y: Date:		ecei	Sa	ample ool	Intac	t			ECK (Initi		email	resu	ilts	Z	AMI	1/20	et	ech e	?n V.	, con	٨	

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Page 12 of 13

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

ARDINAL LABORATORIES CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Trees Controlled							100			811	LL T	0						AN	ALYS	SIS	RE	QU	EST				
Project Manage	or: Daniel Dominguez							P.	0. #										T					T	T	\neg		17
Address:								C	omp	any	<i>/</i> :				1			ľ			1			1				1
City:	State:	Zi	p:					1	ttn:									ŀ										
Phone #:	Fax #:							A	ddre	ss:					ĺ				1									
Project #:	Project Owne	er: C	nach	in.	4			Ci	ity:							Σ												
Project Name:	Serrano				7			St	ate:			Zip:			es	2								1				
Project Locatio									none	#:					Ę.	9	M								- 1			
Sampler Name:	Langel								x #:						Chlorides	TPH 8015	BTEX							1				
FOR LAB USE ONLY		T	T		M	ATR	ΙX		PR	ESE	RV.	SAN	NPLI	NG	5	품	ш											
Lab I.D. H902305	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DAT	ΓE	TIME		F												
21	SP21	4	1	Ť	7		100			V		7-3-			γ					+	+			+	+	-	_	+
22	SP22	1	7)					χ		1	1		X				-	+	+			+	-			+
23	SP23	17	1)					X					X	-				1	+			+	+	-		1
24	SPZY	11	1		1					K					X					1				1	+			
25	SP25		1		13					X				-	7													
24	SPIL		1		5					L		1			×		1							1				
27	SP27		1)	2				λ					×									1				
28	SP 28		1		X					λ		1			1/20													
29	5P29	1	1		1					X					X									T	1			
30	SP30	V	1		13					مر		V			b		-=5				110							
service. In no event shall C	7-9-10	g without Cardina	d waiv ut Ilmitu I, rega	ed union	ss made usiness i of whethe	In writ	ing and	d rece	lved by	Card	linal wi	thin 30 day	ys after ed by cl	completion of the lent, its subsidier sons or otherwise Phone Research	e applicab des e. sult:	□ Yes		No No		Phor								
Relinquished By	Time: Date:	Re	cei	ved	By:	er	a	L	1	a	4	Sylvania in the second	2	email i		lts	70	(m)	eldi	2 e	fec	he	zn l	,0	ωw			

CHECKED BY:

(Initials)

Sample Condition

Cool Intact
Yes Yes
No No

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ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	: Etech Environmental									BI	LL 70	Kali Tribit					ANA	LYS	IS R	EQU	EST				
Project Manager	: Daniel Dominguez						7	.0.	#:																
Address:	3						(om	pan	ıy:			1			1									
City:	State:	Zip					1	ttn:	4							1									
Phone #:	Fax #:						1	ddr	ess	:															
Project #:	Project Owner	r: C	022	12:00	rt		-	ity:					1	Σ								Ш			
Project Name:				J			5	State	:		Zip:		les		×										
Project Location							F	hor	ne #	:			Chlorides	ò	BTEX							Ш			
Sampler Name:	Daniel						F	ax #	# :]은	2	BI	1							1		
FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	NINERS	GROUNDWATER		TRIX		ú		ERV	SAMPL	ING	ਹ	TPH 8015											
H902305		(G)RAB (# CONTAINERS	GROUNE	SOIL	OIL	SLUDGE	OTHER:	ICE / COO!	OTHER:	DATE	TIME													
31	SP31	9	í		X				X		7-3-19		X												
32	SP32	6	1		X				X		7-3-19		X												
								\perp	4						-	-									
					44		4	-		1			-		-		-	-		-	-	_	-	-	_
		-		\vdash	+		-	+	+	+			-			-			4	+	-		+	+	
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analyses. All claims includir service. In no event shall Co affiliates or successors arisin Relinquished By Relinquished By	Time: 9. 45 Date: Time:	deeme	waive it limits , regar	ed unless stion, busi dless of w red By red By	made in ness int hether /: //:	erruption such ol	g and mons, los aim is t	s of use	by Ca e, or k upon a	ardinal pass of p	within 30 days aff rofits incurred by a above stated n	er completion of t client, its subsidi	the applications aries is a second to the se	□ Ye	s Z	No No		I Phon I Fax #	:	7 e N	v. (om			
Delivered By: Sampler - UPS	(Circle One) - Bus - Other: -0.9	#	9	Sa Co	mple ol Yes No	Intac	ditio t Yes No				(ED BY: tials)														

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Project Id:

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 Project Manager: Jessica Kramer

Contact: Joel Lowry **Project Location:** Lea County

10786

	Lab Id:	655398-0	01	655398-0	02	655398-0	03	655398-0	04	655398-0	005	655398-0	006
Analysis Requested	Field Id:	#1		#2		#3		#4		#5		#6	
Anaiysis Requesteu	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20	00:00	Mar-09-20	00:00
Chloride by EPA 300	Extracted:	Mar-12-20	13:40	Mar-12-20 1	3:40	Mar-12-20	4:00	Mar-12-20	4:00	Mar-12-20	14:00	Mar-12-20	14:00
	Analyzed:	Mar-12-20 2	20:58	Mar-12-20 2	21:04	Mar-12-20	4:30	Mar-12-20	4:46	Mar-12-20	14:51	Mar-12-20	14:56
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		585 LF	4.95	310 LF	5.00	97.8	5.04	223	4.98	40.4	4.96	127	4.97

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Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Version: 1.%

Jessica Vermer



Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Project Id:

10786

Contact: Joel Lowry

Project Location: L

Lea County

	Lab Id:	655398-0	07	655398-0	08	655398-0	09	655398-0	10	655398-0	11	655398-0	012
Analysis Requested	Field Id:	#7		#8		#9		#10		#11		#12	
Analysis Requesieu	Depth:												
	Matrix:	SOIL											
	Sampled:	Mar-09-20 (00:00										
Chloride by EPA 300	Extracted:	Mar-12-20	14:00	Mar-12-20 1	4:00	Mar-12-20 1	4:00	Mar-12-20 1	14:00	Mar-12-20	4:00	Mar-12-20 1	14:00
	Analyzed:	Mar-12-20	15:01	Mar-12-20 1	5:17	Mar-12-20 1	5:22	Mar-12-20 1	15:28	Mar-12-20	5:33	Mar-12-20 1	15:38
	Units/RL:	mg/kg	RL										
Chloride		81.2	5.00	236	5.00	410	5.00	150	5.02	5.16	5.05	8.71	5.03

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Version: 1.%

Jessica Weamer



Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Project Id: 10786

Project Location: Lea County

Joel Lowry

Contact:

	Lab Id:	655398-0	13	655398-0	14	655398-0	15	655398-0	16	655398-0)17	655398-0	018
Analysis Requested	Field Id:	#13		#14		#15		#16		#17		#18	
Anatysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 0	0:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20	00:00
Chloride by EPA 300	Extracted:	Mar-12-20 1	4:00	Mar-12-20 1	4:00	Mar-12-20 1	4:00	Mar-12-20 1	4:00	Mar-12-20	14:00	Mar-12-20	14:00
	Analyzed:	Mar-12-20 1	5:43	Mar-12-20 1	5:59	Mar-12-20 1	6:05	Mar-12-20 1	6:20	Mar-12-20	16:26	Mar-12-20	16:31
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		29.9	5.00	29.5	4.96	322	5.04	137	4.98	286	5.02	94.9	4.99

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Version: 1.%





Lea County

Project Location:

Chloride

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Mar-12-20 16:47

49.8

RL

5.05

mg/kg

Mar-12-20 16:52

135

RL

4.98

mg/kg

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Mar-12-20 17:24

291

RL

4.96

mg/kg

Mar-12-20 17:39

190

RL

5.03

mg/kg

Project Id: 10786
Contact: Joel Lowry

Analyzed:

Units/RL:

Mar-12-20 16:36

RL

5.00

mg/kg

69.2

Lab Id: 655398-019 655398-020 655398-021 655398-022 655398-023 655398-024 Field Id: #19 #20 #21 #22 #23 #24 Analysis Requested Depth: Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Sampled: Mar-09-20 00:00 Mar-09-20 00:00 Chloride by EPA 300 Mar-12-20 14:00 Mar-12-20 14:00 Mar-12-20 14:00 Mar-12-20 14:00 Mar-12-20 14:15 Mar-12-20 14:15 Extracted:

Mar-12-20 16:41

212

RL

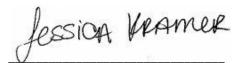
5.05

mg/kg

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Version: 1.%





Project Id: Contact:

Project Location:

10786

Joel Lowry

Lea County

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-0	025	655398-0	26	655398-0	27	655398-0	28	655398-0	29	655398-0	30
Amalusia Daguastad	Field Id:	#25		#26		#27		#28		#29		#30	
Analysis Requested	Depth:												
	Matrix:	SOIL	,	SOIL									
	Sampled:	Mar-09-20	00:00	Mar-09-20 (00:00								
Chloride by EPA 300	Extracted:	Mar-12-20	14:15	Mar-12-20	4:15	Mar-12-20 1	14:15						
	Analyzed:	Mar-12-20	17:45	Mar-12-20	7:50	Mar-12-20 1	7:55	Mar-12-20 1	8:11	Mar-12-20 1	8:16	Mar-12-20 1	18:22
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		201	5.01	111	4 99	280	4.95	23.0	4.97	109	5.03	78.7	4.96

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Version: 1.%



Project Id: Contact:

Project Location:

10786

Joel Lowry

Lea County

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

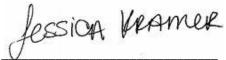
Project Manager: Jessica Kramer

	Lab Id:	655398-0	031	655398-0	32	655398-0	33	655398-0	34	655398-0)35	655398-0	36
Analysis Requested	Field Id:	#31		#32		#33		#34		#35		#36	
Anaiysis Kequesiea	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20	00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20 (00:00
Chloride by EPA 300	Extracted:	Mar-12-20	14:15	Mar-12-20 1	4:15	Mar-12-20 1	4:15	Mar-12-20 1	4:15	Mar-12-20	14:15	Mar-12-20 1	4:15
	Analyzed:	Mar-12-20	18:27	Mar-12-20 1	8:32	Mar-12-20 1	8:37	Mar-12-20 1	8:53	Mar-12-20	18:58	Mar-12-20 1	9:14
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		208	5.00	160	5.00	99.7	5.03	223	4.96	169	4.99	332	5.04

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Version: 1.%





Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

MORRION

Project Id:

Project Location:

10786

Contact:

Joel Lowry Lea County Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-0	37	655398-0	38	655398-03	39	655398-0	40	655398-0)41	655398-0)42
Analysis Requested	Field Id:	#37		#38		#39		#40		#41		#42	
Anaiysis Kequesieu	Depth:												
	Matrix:	SOIL				SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 0	0:00	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20 (00:00
Chloride by EPA 300	Extracted:	Mar-12-20	14:15	Mar-12-20 1	4:15	Mar-12-20 1	4:15	Mar-12-20 1	4:15	Mar-12-20	14:15	Mar-12-20	14:15
	Analyzed:	Mar-12-20	19:19	Mar-12-20 1	9:25	Mar-12-20 1	9:30	Mar-12-20 1	9:35	Mar-12-20	19:40	Mar-12-20	19:46
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		176	4.99	62.4	4.97	<4.97	4.97	97.6	5.00	7.71	5.00	152	5.00

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Jessica Vramer



Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Project Id: 10786 Contact: Joel Lowry

Project Location: Lea County

	Lab Id:	655398-0	43	655398-0	44	655398-0	45	655398-0	46	655398-0)47	655398-0)48
Analysis Requested	Field Id:	#43		#44		#45		#46		#47		#48	
Anaiysis Kequesieu	Depth:												
	Matrix:	SOIL	SOIL r-09-20 00:00 Ma			SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20	00:00
Chloride by EPA 300	Extracted:	Mar-12-20	14:30	Mar-12-20 1	4:30	Mar-12-20 1	4:30	Mar-12-20 1	4:30	Mar-12-20	14:30	Mar-12-20	14:30
	Analyzed:	Mar-12-20	20:17	Mar-12-20 2	0:33	Mar-12-20 2	20:38	Mar-12-20 2	20:44	Mar-12-20	20:49	Mar-12-20	21:05
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		62.4	5.00	257	4.96	376	5.03	483	4.98	93.3	4.99	141	5.04

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Jessica Weamer



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Joel Lowry

Lea County

Project Id:

Project Location:

Contact:

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

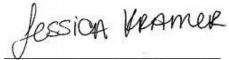
Project Manager: Jessica Kramer

	Lab Id:	655398-0	49	655398-0	50	655398-0	51	655398-0	52	655398-0	53	655398-0	54
Analysis Requested	Field Id:	#49		#50		#51		#52		#53		#54	
Anaiysis Kequesiea	Depth:												
	Matrix:	SOIL				SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 00:00		Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 0	00:00	Mar-09-20 (00:00	Mar-09-20 0	00:00
Chloride by EPA 300	Extracted:	Mar-12-20	Mar-12-20 14:30		4:30	Mar-12-20 1	4:30						
	Analyzed:	Mar-12-20 2	21:10	Mar-12-20 2	1:15	Mar-12-20 2	1:21	Mar-12-20 2	1:26	Mar-12-20 2	21:31	Mar-12-20 2	1:47
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		245	5.00	232	5.00	160	5.00	6.36	4.95	5.94	4.95	36.3	5.02

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Joel Lowry

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Etech Environmental & Safety Solution, Inc, Midland, TX

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 Project Manager: Jessica Kramer

Project Name: Serrano

Project Location: Lea County

Project Id:

Contact:

	Lab Id:	655398-0	55	655398-0	56	655398-0	57	655398-0	58	655398-0)59	655398-0	60
Analysis Requested	Field Id:	#55		#56		#57		#58		#59		#60	
Anaiysis Kequesieu	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20 (00:00						
Chloride by EPA 300	Extracted:	Mar-12-20 1	14:30	Mar-12-20 1	4:30	Mar-12-20 1	4:30	Mar-12-20 1	4:30	Mar-12-20	14:30	Mar-12-20 1	14:30
	Analyzed:	Mar-12-20 2	21:52	Mar-12-20 2	22:08	Mar-12-20 2	2:13	Mar-12-20 2	22:19	Mar-12-20	22:24	Mar-12-20 2	22:29
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		<4.96	4.96	250	5.05	36.7	4.97	340	4.96	33.2	5.03	263	5.05

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Jessica Weamer



Project Id:

Contact:

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Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 Project Manager: Jessica Kramer

Project Location: Lea County

10786

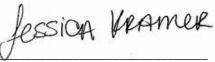
Joel Lowry

	Lab Id:	655398-0	061	655398-0	62	655398-0	63	655398-0	64	655398-0)65	655398-0	066
Analysis Requested	Field Id:	#61		#62		#63		#64		#65		#66	
Anaiysis Requesieu	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 00:00		Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20 (00:00
Chloride by EPA 300	Extracted:	1		Mar-12-20	4:30	Mar-12-20	5:40	Mar-12-20 1	5:40	Mar-12-20	15:40	Mar-12-20 1	15:40
	Analyzed:	Mar-12-20	22:34	Mar-12-20 2	22:40	Mar-13-20	6:04	Mar-13-20 1	6:23	Mar-13-20	16:30	Mar-13-20 1	16:36
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		147	5.05	52.3	5.05	619	4.96	1270	25.2	105	4.98	87.7	5.05

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Joel Lowry

Lea County

Project Id:

Project Location:

Contact:

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Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-0	67	655398-0	68	655398-0	69	655398-0	70	655398-0	71	655398-0	72
Analysis Requested	Field Id:	#67		#68		#69		#70		#71		#72	
Anaiysis Kequesiea	Depth:												
	Matrix:	SOIL	SOIL Mar-09-20 00:00			SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (Mar-09-20 00:00		00:00	Mar-09-20 0	00:00	Mar-09-20 0	0:00	Mar-09-20 (00:00	Mar-09-20 0	00:00
Chloride by EPA 300	Extracted:	Mar-12-20	Mar-09-20 00:00 Mar-12-20 15:40		5:40	Mar-12-20 1	5:40	Mar-12-20 1	5:40	Mar-12-20 1	15:40	Mar-12-20 1	5:40
	Analyzed:	Mar-13-20	16:42	Mar-13-20 1	7:54	Mar-13-20 1	8:00	Mar-13-20 1	8:07	Mar-13-20 1	18:13	Mar-13-20 1	8:19
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		17.8	5.00	22.0	5.00	26.5	5.04	6.50	4.97	705	5.00	77.1	4.96

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Jessica Vramer



Contact:

Project Location:

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Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 Project Manager: Jessica Kramer

10786 **Project Id:** Joel Lowry

Lea County

Lab Id: 655398-073 655398-074 655398-075 655398-076 655398-077 655398-078 Field Id: #73 #74 #75 #76 #77 #78 Analysis Requested Depth: Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Sampled: Mar-09-20 00:00 Mar-09-20 00:00 Chloride by EPA 300 Mar-12-20 15:40 Mar-12-20 15:40 Mar-12-20 15:40 Mar-12-20 15:40 Mar-12-20 15:40 Mar-12-20 15:40 Extracted: Analyzed: Mar-13-20 18:26 Mar-13-20 18:45 Mar-13-20 18:51 Mar-13-20 19:10 Mar-13-20 19:16 Mar-13-20 19:23 mg/kg RL mg/kg RL mg/kg RL mg/kg RLmg/kg RL mg/kg RLUnits/RL: Chloride 20.5 X 5.03 300 4.96 167 4.99 495 5.00 272 5.04 125 5.01

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Jessica Vramer



Project Id: Contact:

Project Location:

10786

Joel Lowry

Lea County

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-0)79	655398-0	80	655398-0	81	655398-0	82	655398-0	83	655398-0	84
Analusia Daguastad	Field Id:	#79		#80		#81		#82		#83		#84	
Analysis Requested	Depth:												
	Matrix:	SOIL Mar 09 20 00:00		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 00:00		Mar-09-20 (00:00	Mar-09-20 0	00:00	Mar-09-20 (0:00	Mar-09-20 0	00:00	Mar-09-20 0	00:00
Chloride by EPA 300	Extracted:	Mar-12-20	15:40	Mar-12-20 1	5:40	Mar-12-20 1	5:40	Mar-12-20 1	5:40	Mar-12-20 1	6:05	Mar-12-20 1	6:05
	Analyzed:	Mar-13-20	19:29	Mar-13-20 1	9:35	Mar-13-20 1	9:42	Mar-13-20 1	9:48	Mar-13-20 0	9:02	Mar-13-20 0	9:21
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		271	4.96	30.2	4 99	112	5.00	9.82	5.02	< 5.02	5.02	656	4.96

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Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

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Project Id:

Project Location:

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Contact:

Joel Lowry Lea County Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-0	85	655398-0	86	655398-0	87	655398-0	88	655398-0	89	655398-0	90
Analysis Requested	Field Id:	#85		#86		#87		#88		#89		#90	
Anaiysis Kequesieu	Depth:												
	Matrix:	SOIL	SOIL Mor 00 20 00:00			SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (Mar-09-20 00:00		00:00	Mar-09-20 0	00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00
Chloride by EPA 300	Extracted:	Mar-12-20	Mar-12-20 16:05		6:05	Mar-12-20 1	6:05	Mar-12-20 1	6:05	Mar-12-20	16:05	Mar-12-20 1	16:05
	Analyzed:	Mar-13-20	09:27	Mar-13-20 (9:33	Mar-13-20 0	9:40	Mar-13-20 (9:59	Mar-13-20	10:05	Mar-13-20 1	10:11
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		11.5	4.99	207	5.05	51.5	4.99	15.7	4.95	31.3	5.00	124	5.04

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Project Name: Serrano

SORATO.

Project Id:

Project Location:

10786

Contact:

Joel Lowry Lea County Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-0	91	655398-0	92	655398-0	93	655398-0	94	655398-0	95	655398-0	96
Analysis Requested	Field Id:	#91		#92		#93		#94		#95		#96	
Anaiysis Kequesieu	Depth:												
	Matrix:	SOIL				SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 0	Mar-09-20 00:00		00:00	Mar-09-20 0	00:00	Mar-09-20 (0:00	Mar-09-20 (00:00	Mar-09-20 (00:00
Chloride by EPA 300	Extracted:	Mar-12-20 1	Mar-12-20 16:05		6:05	Mar-12-20 1	6:05	Mar-12-20 1	6:05	Mar-12-20	16:05	Mar-12-20 1	6:05
	Analyzed:	Mar-13-20 1	0:18	Mar-13-20 1	0:24	Mar-13-20 1	0:30	Mar-13-20 1	0:49	Mar-13-20	10:56	Mar-13-20 1	1:15
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		130	5.02	363	4.96	52.0	5.00	44.7	4.96	7.83	4.98	22.6	4.95

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Jessica Vermer



Project Id:

Contact:

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Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 Project Manager: Jessica Kramer

10786

Project Location: Lea County

Joel Lowry

	Lab Id:	655398-0	97	655398-0	98	655398-0	99	655398-1	00	655398-1	01	655398-1	02
Analysis Requested	Field Id:	#97		#98		#88		#100		#101		#102	
Anaiysis Requesteu	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 00:00		Mar-09-20 (00:00								
Chloride by EPA 300	Extracted:	Mar-09-20 00:00 Mar-12-20 16:05		Mar-12-20 1	6:05								
	Analyzed:	Mar-13-20	11:21	Mar-13-20 1	1:28	Mar-13-20 1	1:34	Mar-13-20 1	1:40	Mar-13-20 1	1:47	Mar-13-20 1	1:53
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		45.2	4.95	60.2	5.04	1040	24.9	213	5.00	< 5.00	5.00	7.33	5.03

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Jessica Weamer



Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

CORATO

Project Id:

10786

Contact:
Project Location:

Joel Lowry Lea County Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-1	03	655398-1	04	655398-1	05	655398-1	06	655398-1	07	655398-1	08
Analysis Requested	Field Id:	#103		#104		#105		#106		#107		#108	
Anaiysis Requesieu	Depth:												
	Matrix:	SOIL				SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (Mar-09-20 00:00		00:00	Mar-09-20 (00:00						
Chloride by EPA 300	Extracted:	Mar-12-20	Mar-12-20 16:15		6:15	Mar-12-20 1	6:15	Mar-12-20 1	6:15	Mar-12-20	6:15	Mar-12-20 1	6:15
	Analyzed:	Mar-13-20	Mar-12-20 16:15 Mar-13-20 12:31		2:50	Mar-13-20 1	2:56	Mar-13-20 1	3:03	Mar-13-20	3:09	Mar-13-20 1	3:28
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		192	5.00	677	5.01	14.9	5.04	492	4.98	463	5.05	33.2	5.05

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Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Project Id:

Project Location:

Contact:

Joel Lowry Lea County

10786

Lab Id: 655398-109 655398-110 655398-111 655398-112 655398-113 655398-114 Field Id: #109 #110 #111 #112 #113 #114 Analysis Requested Depth: Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Sampled: Mar-09-20 00:00 Mar-09-20 00:00 Chloride by EPA 300 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Extracted: Analyzed: Mar-13-20 13:35 Mar-13-20 13:41 Mar-13-20 13:47 Mar-13-20 13:54 Mar-13-20 14:00 Mar-13-20 14:19 mg/kg RL mg/kg RL mg/kg RL mg/kg RLmg/kg RL mg/kg RLUnits/RL: Chloride 187 4.98 245 4.95 346 4.97 31.3 5.03 167 5.05 57.6 5.04

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Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

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Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Project Id: 10786 Contact: Joel Lo

Contact: Joel Lowry

Project Location: Lea County

Lab Id: 655398-115 655398-116 655398-117 655398-118 655398-119 655398-120 Field Id: #115 #116 #117 #118 #119 #120 Analysis Requested Depth: Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Sampled: Mar-09-20 00:00 Mar-09-20 00:00 Chloride by EPA 300 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Mar-12-20 16:15 Extracted: Analyzed: Mar-13-20 14:25 Mar-13-20 14:44 Mar-13-20 14:51 Mar-13-20 14:57 Mar-13-20 15:03 Mar-13-20 15:10 mg/kg RL mg/kg RL mg/kg RL mg/kg RLmg/kg RL mg/kg RLUnits/RL: Chloride 190 4.96 245 5.00 267 5.05 457 5.00 470 25.0 224 5.00

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Version: 1.%

Jessica Vramer



10786

Joel Lowry

Lea County

Project Id:

Project Location:

Contact:

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-1	21	655398-1	22	655398-1	23	655398-1	24	655398-1	25	655398-12	26
Analysis Paguastad	Field Id:	#121		#122		#123		#124		#125		#126	
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (Mar-09-20 00:00		00:00	Mar-09-20 0	00:00	Mar-09-20 0	0:00	Mar-09-20 (00:00	Mar-09-20 0	00:00
Chloride by EPA 300	Extracted:	Mar-12-20	16:15	Mar-12-20 1	6:15	Mar-12-20 1	7:45	Mar-12-20 1	7:45	Mar-12-20	17:45	Mar-12-20 1	7:45
	Analyzed:	Mar-13-20	15:16	Mar-13-20 1	5:22	Mar-12-20 2	3:11	Mar-12-20 2	3:27	Mar-12-20 2	23:32	Mar-12-20 2	:3:38
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		450	5.03	388	4.98	151	5.00	268	4.96	384	5.00	52.6	4.99

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Version: 1.%

Jessica Weamer



Joel Lowry

Lea County

Contact:

Chloride

Project Location:

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 Project Manager: Jessica Kramer

379

5.01

294

4.99

10786 **Project Id:**

Units/RL:

216

5.04

Lab Id: 655398-127 655398-128 655398-129 655398-130 655398-131 655398-132 Field Id: #127 #128 #129 #130 #131 #132 Analysis Requested Depth: Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Mar-09-20 00:00 Sampled: Mar-09-20 00:00 Mar-09-20 00:00 Chloride by EPA 300 Mar-12-20 17:45 Mar-12-20 17:45 Mar-12-20 17:45 Mar-12-20 17:45 Mar-12-20 17:45 Mar-12-20 17:45 Extracted: Analyzed: Mar-12-20 23:43 Mar-12-20 23:59 Mar-13-20 00:04 Mar-13-20 00:09 Mar-13-20 00:14 Mar-13-20 00:20 mg/kg RL mg/kg RL mg/kg RL mg/kg RLmg/kg RL mg/kg RL

5.01

20.9

4.99

434

4.96

564

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Version: 1.%

Jessica Vramer



10786

Joel Lowry

Lea County

Project Id:

Project Location:

Contact:

Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-1	33	655398-1	34	655398-1	35	655398-1	36	655398-1	37	655398-1	38
Amalusia Bassastad	Field Id:	#133		#134		#135		#136		#137		#138	
Analysis Requested	Depth:												
	Matrix:	SOIL				SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 00:00		Mar-09-20 0	00:00	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20	00:00	Mar-09-20 (00:00
Chloride by EPA 300	Extracted:	Mar-13-20	08:45	Mar-13-20 0	8:45	Mar-13-20 0	08:45	Mar-13-20 (8:45	Mar-13-20 (08:45	Mar-13-20 (08:45
	Analyzed:	Mar-13-20	09:26	Mar-13-20 0	9:41	Mar-13-20 0	9:47	Mar-13-20 (9:52	Mar-13-20 (9:57	Mar-13-20 1	10:13
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		202	4.97	313	5.05	203	5.02	121	5.05	16.5	4.96	83.4	4.99

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Version: 1.%

Jessica Kramer



Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

BORATOR

Project Id:

Project Location:

10786

Contact:

Joel Lowry Lea County Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-1	39	655398-14	40	655398-1	41	655398-1	12	655398-1	43	655398-1	44
Analysis Requested	Field Id:	#139		#140		#141		#142		#143		#144	
Anaiysis Requesteu	Depth:												
	Matrix:	SOIL				SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-09-20 (Mar-09-20 00:00		00:00	Mar-09-20 0	00:00	Mar-09-20 0	0:00	Mar-09-20 (00:00	Mar-09-20 (00:00
Chloride by EPA 300	Extracted:	Mar-13-20 (Mar-13-20 08:45		8:45	Mar-13-20 0	8:45	Mar-13-20 0	8:45	Mar-13-20 (08:45	Mar-13-20 0	08:45
	Analyzed:	Mar-13-20 1	0:18	Mar-13-20 1	0:23	Mar-13-20 1	0:29	Mar-13-20 1	0:34	Mar-13-20 1	0:39	Mar-13-20 1	0:55
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		240	5.03	48.2	4.97	46.3	5.04	205	4.99	76.3	5.02	16.8	5.04

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Jessica Weamer



Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Project Id:

10786

Contact:
Project Location:

Joel Lowry Lea County

Analysis Requested	Lab Id:	655398-145		655398-146		655398-147		655398-148		655398-149		655398-150	
	Field Id:	#145		#146		#147		#148		#149		#150	
	Depth:												
	Matrix:	SOIL											
	Sampled:	Mar-09-20 00:00											
Chloride by EPA 300	Extracted:	Mar-13-20 08:45											
	Analyzed:	Mar-13-20 11:00		Mar-13-20 11:16		Mar-13-20 11:21		Mar-13-20 11:27		Mar-13-20 11:32		Mar-13-20 11:37	
	Units/RL:	mg/kg	RL										
Chloride		514	4.98	311	4.99	168	5.00	14.6	4.98	11.8	4.96	108	5.03

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Jessica Vramer



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Project Name: Serrano

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Project Id: Contact:

Project Location:

10786

Joel Lowry Lea County **Date Received in Lab:** Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

Analysis Requested	Lab Id:	655398-151		655398-152		655398-153		655398-154		655398-155		655398-156	
	Field Id:	#151		#152		#153		#154		#155		#156	
	Depth:												
	Matrix:	SOIL											
	Sampled:	Mar-09-20 00:00											
Chloride by EPA 300	Extracted:	Mar-13-20 08:45		Mar-13-20 08:45		Mar-13-20 13:50		Mar-13-20 13:50		Mar-13-20 13:50		Mar-13-20 13:50	
	Analyzed:	Mar-13-20 11:42		Mar-13-20 11:48		Mar-13-20 14:15		Mar-13-20 14:31		Mar-13-20 14:36		Mar-13-20 14:42	
	Units/RL:	mg/kg	RL										
Chloride		552	4.98	36.9	5.02	53.2	5.05	36.7	4.99	14.0	4.97	175	4.98

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Jessica Vramer



Certificate of Analysis Summary 655398

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20 **Project Manager:** Jessica Kramer

Project Id: 10786

Contact: Joel Lowry

Project Location: Lea County

Project Location: Project Locatio

	Lab Id:	655398-1	57	655398-1	655398-158		655398-159		60	655398-1	61	655398-162		
Analysis Requested	Field Id:	#157		#158		#159		#160		#161		#162		
	Depth:													
	Matrix:	SOIL	SOIL		SOIL									
	Sampled:	Mar-09-20 (Mar-09-20 00:00		Mar-09-20 00:00									
Chloride by EPA 300	Extracted:	Mar-13-20 1	13:50	Mar-13-20 13:50										
	Analyzed:	Mar-13-20 1	Mar-13-20 14:47		5:03	Mar-13-20 15:08		Mar-13-20 15:13		Mar-13-20 15:19		Mar-13-20 15:24		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Chloride		620	5.03	309	4.99	9.30	4.96	215	4.96	35.7	4.98	110	4.99	

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Jessica Vermer

Jessica Kramer Project Manager



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Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Serrano

Page

Project Id:

Project Location:

10786

Contact:

Joel Lowry

Lea County

Date Received in Lab: Thu Mar-12-20 12:00 am

Report Date: 16-MAR-20

Project Manager: Jessica Kramer

	Lab Id:	655398-1	63	655398-1	64	655398-1	65		
Analysis Requested	Field Id:	#163		#164		#165			
	Depth:								
	Matrix:	SOIL	SOIL		SOIL				
	Sampled:	Mar-09-20 (00:00	Mar-09-20 (00:00	Mar-09-20 (00:00		
Chloride by EPA 300	Extracted:	Mar-13-20	Mar-13-20 13:50		Mar-13-20 13:50		3:50		
	Analyzed:	Mar-13-20	Mar-13-20 15:29		Mar-13-20 15:45		6:06		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		54.7	5.00	58.4	5.04	159	4.99		

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Jessica Vramer

Jessica Kramer Project Manager

Analytical Report 655398

for

Etech Environmental & Safety Solution, Inc

Project Manager: Joel Lowry

Serrano

10786

16-MAR-20

Collected By: Client





1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054) Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)

Xenco-Carlsbad (LELAP): Louisiana (05092)

Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5) Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)

Xenco-Tampa: Florida (E87429), North Carolina (483)





16-MAR-20

Project Manager: Joel Lowry

Etech Environmental & Safety Solution, Inc

P.O. Box 62228 Midland, TX 79711

Reference: XENCO Report No(s): 655398

Serrano

Project Address: Lea County

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 655398. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 655398 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer

Project Manager

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Serrano

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
#1	S	03-09-20 00:00		655398-001
#2	S	03-09-20 00:00		655398-002
#3	S	03-09-20 00:00		655398-003
#4	S	03-09-20 00:00		655398-004
#5	S	03-09-20 00:00		655398-005
#6	S	03-09-20 00:00		655398-006
#7	S	03-09-20 00:00		655398-007
#8	S	03-09-20 00:00		655398-008
#9	S	03-09-20 00:00		655398-009
#10	S	03-09-20 00:00		655398-010
#11	S	03-09-20 00:00		655398-011
#12	S	03-09-20 00:00		655398-012
#13	S	03-09-20 00:00		655398-013
#14	S	03-09-20 00:00		655398-014
#15	S	03-09-20 00:00		655398-015
#16	S	03-09-20 00:00		655398-016
#17	S	03-09-20 00:00		655398-017
#18	S	03-09-20 00:00		655398-018
#19	S	03-09-20 00:00		655398-019
#20	S	03-09-20 00:00		655398-020
#21	S	03-09-20 00:00		655398-021
#22	S	03-09-20 00:00		655398-022
#23	S	03-09-20 00:00		655398-023
#24	S	03-09-20 00:00		655398-024
#25	S	03-09-20 00:00		655398-025
#26	S	03-09-20 00:00		655398-026
#27	S	03-09-20 00:00		655398-027
#28	S	03-09-20 00:00		655398-028
#29	S	03-09-20 00:00		655398-029
#30	S	03-09-20 00:00		655398-030
#31	S	03-09-20 00:00		655398-031
#32	S	03-09-20 00:00		655398-032
#33	S	03-09-20 00:00		655398-033
#34	S	03-09-20 00:00		655398-034
#35	S	03-09-20 00:00		655398-035
#36	S	03-09-20 00:00		655398-036
#37	S	03-09-20 00:00		655398-037
#38	S	03-09-20 00:00		655398-038
#39	S	03-09-20 00:00		655398-039
#40	S	03-09-20 00:00		655398-040
#41	S	03-09-20 00:00		655398-041
#42	S	03-09-20 00:00		655398-042
#43	S	03-09-20 00:00		655398-043





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#44	S	03-09-20 00:00	655398-044
#45	S	03-09-20 00:00	655398-045
#46	S	03-09-20 00:00	655398-046
#47	S	03-09-20 00:00	655398-047
#48	S	03-09-20 00:00	655398-048
#49	S	03-09-20 00:00	655398-049
#50	S	03-09-20 00:00	655398-050
#51	S	03-09-20 00:00	655398-051
#52	S	03-09-20 00:00	655398-052
#53	S	03-09-20 00:00	655398-053
#54	S	03-09-20 00:00	655398-054
#55	S	03-09-20 00:00	655398-055
#56	S	03-09-20 00:00	655398-056
#57	S	03-09-20 00:00	655398-057
#58	S	03-09-20 00:00	655398-058
#59	S	03-09-20 00:00	655398-059
#60	S	03-09-20 00:00	655398-060
#61	S	03-09-20 00:00	655398-061
#62	S	03-09-20 00:00	655398-062
#63	S	03-09-20 00:00	655398-063
#64	S	03-09-20 00:00	655398-064
#65	S	03-09-20 00:00	655398-065
#66	S	03-09-20 00:00	655398-066
#67	S	03-09-20 00:00	655398-067
#68	S	03-09-20 00:00	655398-068
#69	S	03-09-20 00:00	655398-069
#70	S	03-09-20 00:00	655398-070
#71	S	03-09-20 00:00	655398-071
#72	S	03-09-20 00:00	655398-072
#73	S	03-09-20 00:00	655398-073
#74	S	03-09-20 00:00	655398-074
#75	S	03-09-20 00:00	655398-075
#76	S	03-09-20 00:00	655398-076
#77	S	03-09-20 00:00	655398-077
#78	S	03-09-20 00:00	655398-078
#79	S	03-09-20 00:00	655398-079
#80	S	03-09-20 00:00	655398-080
#81	S	03-09-20 00:00	655398-081
#82	S	03-09-20 00:00	655398-082
#83	S	03-09-20 00:00	655398-083
#84	S	03-09-20 00:00	655398-084
#85	S	03-09-20 00:00	655398-085
#86	S	03-09-20 00:00	655398-086
#87	S	03-09-20 00:00	655398-087





Etech Environmental & Safety Solution, Inc, Midland, TX

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#88	S	03-09-20 00:00	655398-088
#89	S	03-09-20 00:00	655398-089
#90	S	03-09-20 00:00	655398-090
#91	S	03-09-20 00:00	655398-091
#92	S	03-09-20 00:00	655398-092
#93	S	03-09-20 00:00	655398-093
#94	S	03-09-20 00:00	655398-094
#95	S	03-09-20 00:00	655398-095
#96	S	03-09-20 00:00	655398-096
#97	S	03-09-20 00:00	655398-097
#98	S	03-09-20 00:00	655398-098
#88	S	03-09-20 00:00	655398-099
#100	S	03-09-20 00:00	655398-100
#101	S	03-09-20 00:00	655398-101
#102	S	03-09-20 00:00	655398-102
#103	S	03-09-20 00:00	655398-103
#104	S	03-09-20 00:00	655398-104
#105	S	03-09-20 00:00	655398-105
#106	S	03-09-20 00:00	655398-106
#107	S	03-09-20 00:00	655398-107
#108	S	03-09-20 00:00	655398-108
#109	S	03-09-20 00:00	655398-109
#110	S	03-09-20 00:00	655398-110
#111	S	03-09-20 00:00	655398-111
#112	S	03-09-20 00:00	655398-112
#113	S	03-09-20 00:00	655398-113
#114	S	03-09-20 00:00	655398-114
#115	S	03-09-20 00:00	655398-115
#116	S	03-09-20 00:00	655398-116
#117	S	03-09-20 00:00	655398-117
#118	S	03-09-20 00:00	655398-118
#119	S	03-09-20 00:00	655398-119
#120	S	03-09-20 00:00	655398-120
#121	S	03-09-20 00:00	655398-121
#122	S	03-09-20 00:00	655398-122
#123	S	03-09-20 00:00	655398-123
#124	S	03-09-20 00:00	655398-124
#125	S	03-09-20 00:00	655398-125
#126	S	03-09-20 00:00	655398-126
#127	S	03-09-20 00:00	655398-127
#128	S	03-09-20 00:00	655398-128
#129	S	03-09-20 00:00	655398-129
#130	S	03-09-20 00:00	655398-130
#131	S	03-09-20 00:00	655398-131





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

#132	S	03-09-20 00:00	655398-132
#133	S	03-09-20 00:00	655398-133
#134	S	03-09-20 00:00	655398-134
#135	S	03-09-20 00:00	655398-135
#136	S	03-09-20 00:00	655398-136
#137	S	03-09-20 00:00	655398-137
#138	S	03-09-20 00:00	655398-138
#139	S	03-09-20 00:00	655398-139
#140	S	03-09-20 00:00	655398-140
#141	S	03-09-20 00:00	655398-141
#142	S	03-09-20 00:00	655398-142
#143	S	03-09-20 00:00	655398-143
#144	S	03-09-20 00:00	655398-144
#145	S	03-09-20 00:00	655398-145
#146	S	03-09-20 00:00	655398-146
#147	S	03-09-20 00:00	655398-147
#148	S	03-09-20 00:00	655398-148
#149	S	03-09-20 00:00	655398-149
#150	S	03-09-20 00:00	655398-150
#151	S	03-09-20 00:00	655398-151
#152	S	03-09-20 00:00	655398-152
#153	S	03-09-20 00:00	655398-153
#154	S	03-09-20 00:00	655398-154
#155	S	03-09-20 00:00	655398-155
#156	S	03-09-20 00:00	655398-156
#157	S	03-09-20 00:00	655398-157
#158	S	03-09-20 00:00	655398-158
#159	S	03-09-20 00:00	655398-159
#160	S	03-09-20 00:00	655398-160
#161	S	03-09-20 00:00	655398-161
#162	S	03-09-20 00:00	655398-162
#163	S	03-09-20 00:00	655398-163
#164	S	03-09-20 00:00	655398-164
#165	S	03-09-20 00:00	655398-165

Received by OGD: 4/6/2020 7:13:54 AM XENCO LABORATORIES

CASE NARRATIVE

Client Name: Etech Environmental & Safety Solution, Inc Project Name: Serrano

 Project ID:
 10786
 Report Date:
 16-MAR-20

 Work Order Number(s):
 655398
 Date Received:
 03/12/2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3119502 Chloride by EPA 300

Chloride Matrix Spike and Matrix Spike Duplicate confirm data for the analytical batch.

Samples in the analytical batch are: 655398-001, -002

Chloride recovered below QC limits in the Blank Spike Duplicate due to mis-injection. Samples in the analytical batch are: 655398-001, -002.

Batch: LBA-3119654 Chloride by EPA 300

Lab Sample ID 655398-073 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 655398-063, -064, -065, -066, -067, -068, -069, -070, -071, -072, -073, -074, -075, -076, -077, -078, -079, -080, -081, -082.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-001

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech:

Analyst:

CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 13.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	585	4.95	mg/kg	03.12.20 20.58	LF	1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-002

Date Collected: 03.09.20 00.00

Prep Method: E300P % Moisture:

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE

CHE

Date Prep:

03.12.20 13.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	310	5.00	mg/kg	03.12.20 21.04	LF	1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-003

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	97.8	5.04	mg/kg	03.12.20 14.30		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-004

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	223	4.98	mg/kg	03.12.20 14.46		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-005

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	40.4	4.96	mg/kg	03.12.20 14.51		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#6

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-006

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	127	4.97	mg/kg	03.12.20 14.56		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-007

Date Collected: 03.09.20 00.00

Prep Method: E300P % Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	81.2	5.00	mg/kg	03.12.20 15.01		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-008

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	236	5.00	mg/kg	03.12.20 15.17		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-009

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 14.00

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	410	5.00	mg/kg	03.12.20 15.22		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#10

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-010

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 14.00

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	150	5.02	mg/kg	03.12.20 15.28		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #11

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-011

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	5.16	5.05	mg/kg	03.12.20 15.33		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#12

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-012

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.71	5.03	mg/kg	03.12.20 15.38		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#13

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-013

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: Analyst:

% Moisture:

CHE

CHE

03.12.20 14.00 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	29.9	5.00	mg/kg	03.12.20 15.43		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#14

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-014

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE CHE

03.12.20 14.00 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	29.5	4.96	mg/kg	03.12.20 15.59		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#15

Matrix:

Soil

03.12.20 14.00

Date Received:03.12.20 00.00

Lab Sample Id: 655398-015

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

% Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	322	5.04	mg/kg	03.12.20 16.05		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#16

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-016

Date Collected: 03.09.20 00.00

Prep Method: E300P

CHE

% Moisture:

Tech: Analyst:

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	137	4.98	mg/kg	03.12.20 16.20		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#17

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-017

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	286	5.02	mg/kg	03.12.20 16.26		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#18

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-018

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech:

Analyst:

CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	94.9	4.99	mg/kg	03.12.20 16.31		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#19

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-019

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	69.2	5.00	mg/kg	03.12.20 16.36		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#20

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-020

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.00

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	212	5.05	mg/kg	03.12.20 16.41		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#21

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-021

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	49.8	5.05	mg/kg	03.12.20 16.47		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #22

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-022

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 14.00

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	135	4.98	mg/kg	03.12.20 16.52		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#23

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-023

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	291	4.96	mg/kg	03.12.20 17.24		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Analyst:

#24

Matrix:

Soil

03.12.20 14.15

Date Received:03.12.20 00.00

Lab Sample Id: 655398-024

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300 Tech:

CHE CHE

Date Prep:

% Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	190	5.03	mg/kg	03.12.20 17.39		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#25

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-025

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	201	5.01	mg/kg	03.12.20 17.45		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#26

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-026

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech:

Analyst:

CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	111	4.99	mg/kg	03.12.20 17.50		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #27

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-027

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	280	4.95	mg/kg	03.12.20 17.55		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#28

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-028

Date Collected: 03.09.20 00.00

Prep Method: E300P % Moisture:

Tech:

Analyst:

CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	23.0	4.97	mg/kg	03.12.20 18.11		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#29

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-029

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

03.12.20 14.15 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	109	5.03	mg/kg	03.12.20 18.16		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#30

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-030

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

Date Prep:

03.12.20 14.15 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	78.7	4.96	mg/kg	03.12.20 18.22		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#31

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-031

Seq Number: 3119524

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter Cas Number Result RLUnits **Analysis Date** Flag Dil 16887-00-6 Chloride 03.12.20 18.27 208 5.00 mg/kg 1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#32

Matrix:

Soil

03.12.20 14.15

Date Received:03.12.20 00.00

Lab Sample Id: 655398-032

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	160	5.00	mg/kg	03.12.20 18.32		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#33

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-033

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 14.15

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	99.7	5.03	mg/kg	03.12.20 18.37		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #3

#34

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-034

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	223	4.96	mg/kg	03.12.20 18.53		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#35

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-035

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	169	4.99	mg/kg	03.12.20 18.58		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#36

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-036

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.15

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	332	5.04	mg/kg	03.12.20 19.14		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#37

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-037

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	176	4.99	mg/kg	03.12.20 19.19		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#38

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-038

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 14.15

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	62.4	4.97	mg/kg	03.12.20 19.25		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#39

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-039

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.97	4.97	mg/kg	03.12.20 19.30	U	1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#40

Matrix:

Date Prep:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-040

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE CHE % Moisture:

Analyst:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	97.6	5.00	mg/kg	03.12.20 19.35		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #41

Matrix:

Soil

03.12.20 14.15

Date Received:03.12.20 00.00

Lab Sample Id: 655398-041

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

% Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.71	5.00	mg/kg	03.12.20 19.40		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #4

#42

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-042

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	152	5.00	mg/kg	03.12.20 19.46		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#43

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-043

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	62.4	5.00	mg/kg	03.12.20 20.17		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#44

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-044

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

% Moisture:

CHE

CHE Analyst:

03.12.20 14.30 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	257	4.96	mg/kg	03.12.20 20.33		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#45

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-045

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE

CHE

Date Prep:

03.12.20 14.30

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	376	5.03	mg/kg	03.12.20 20.38		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#46

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-046

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.30

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	483	4.98	mg/kg	03.12.20 20.44		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#47

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-047

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.30

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	93.3	4.99	mg/kg	03.12.20 20.49		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#48

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-048

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech:

CHE

Analytical Method: Chloride by EPA 300

Analyst:

CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	141	5.04	mg/kg	03.12.20 21.05		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#49

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-049

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	245	5.00	mg/kg	03.12.20 21.10		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#50

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-050

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: Analyst: CHE CHE % Moisture:

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	232	5.00	mg/kg	03.12.20 21.15		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#51

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-051

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 14.30

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	160	5.00	mg/kg	03.12.20 21.21		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#52

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-052

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: Analyst: CHE CHE % Moisture:

Date Prep:

03.12.20 14.30 Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	6.36	4.95	mg/kg	03.12.20 21.26		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#53

Matrix:

Date Prep:

Soil

03.12.20 14.30

Date Received:03.12.20 00.00

Lab Sample Id: 655398-053

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

CHE

Basis:

Wet Weight

Analyst: Seq Number: 3119526

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	5.94	4.95	mg/kg	03.12.20 21.31		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#54

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-054

Date Collected: 03.09.20 00.00

Prep Method: E300P % Moisture:

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	36.3	5.02	mg/kg	03.12.20 21.47		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #5

#55

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-055

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	03.12.20 21.52	U	1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#56

Matrix:

Date Prep:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-056

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: Analyst: CHE CHE

03.12.20 14.30

% Moisture: Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	250	5.05	mg/kg	03.12.20 22.08		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#57

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-057

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	36.7	4.97	mg/kg	03.12.20 22.13		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#58

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-058

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	340	4.96	mg/kg	03.12.20 22.19		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#59

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-059

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	33.2	5.03	mg/kg	03.12.20 22.24		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#60

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-060

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	263	5.05	mg/kg	03.12.20 22.29		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#61

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-061

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

03.12.20 14.30 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	147	5.05	mg/kg	03.12.20 22.34		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#62

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-062

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300 Tech:

CHE

Seq Number: 3119526

% Moisture:

CHE Analyst:

Date Prep:

03.12.20 14.30

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	52.3	5.05	mg/kg	03.12.20 22.40		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#63

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-063

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

CHE Analyst:

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	619	4.96	mg/kg	03.13.20 16.04		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#64

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-064

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech:

Analyst:

CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1270	25.2	mg/kg	03.13.20 16.23		5





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#65

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-065

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Analytical Method: Chloride by EPA 300 Tech:

CHE

Analyst:

CHE

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	105	4.98	mg/kg	03.13.20 16.30		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #

#66

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-066

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep: 03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	87.7	5.05	mg/kg	03.13.20 16.36		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#67

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-067

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 15.40

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	17.8	5.00	mg/kg	03.13.20 16.42		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #6

#68

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-068

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

: CF

CHE

Date Prep:

03.12.20 15.40

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.0	5.00	mg/kg	03.13.20 17.54		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#69

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-069

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: Analyst: CHE CHE

Date Prep:

% Moisture: 03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	26.5	5.04	mg/kg	03.13.20 18.00		1	_





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#70

Matrix:

Soil

03.12.20 15.40

Date Received:03.12.20 00.00

Lab Sample Id: 655398-070

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

% Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	6.50	4.97	mg/kg	03.13.20 18.07		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: **#71**

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-071

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 15.40

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	705	5.00	mg/kg	03.13.20 18.13		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #72

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-072

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 15.40

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	77.1	4.96	mg/kg	03.13.20 18.19		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #73

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-073

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 15.40

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	20.5	5.03	mg/kg	03.13.20 18.26	X	1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#74

Matrix:

Date Prep:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-074

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Basis:

Tech: Analyst: CHE CHE

Analytical Method: Chloride by EPA 300

03.12.20 15.40

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	300	4.96	mg/kg	03.13.20 18.45		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#75

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-075

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	167	4.99	mg/kg	03.13.20 18.51		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#76

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-076

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P % Moisture:

Tech:

Analyst:

CHE

CHE

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	495	5.00	mg/kg	03.13.20 19.10		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#77

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-077

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: Analyst: CHE

CHE

Date Prep:

03.12.20 15.40

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	272	5.04	mg/kg	03.13.20 19.16		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#78

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-078

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Wet Weight

Analytical Method: Chloride by EPA 300

Tech:

CHE

Analyst:

CHE

Date Prep:

03.12.20 15.40

Basis:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	125	5.01	mg/kg	03.13.20 19.23		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#79

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-079

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	271	4.96	mg/kg	03.13.20 19.29		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

Tech:

Analyst:

#80

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-080

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	30.2	4.99	mg/kg	03.13.20 19.35		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#81

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-081

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 15.40

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	112	5.00	mg/kg	03.13.20 19.42		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#82

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-082

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 15.40

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.82	5.02	mg/kg	03.13.20 19.48		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #8

#83

Matrix:

Date

Date Received:03.12.20 00.00

Lab Sample Id: 655398-083

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	< 5.02	5.02	mg/kg	03.13.20 09.02	U	1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#84

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-084

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 16.05

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	656	4.96	mg/kg	03.13.20 09.21		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#85

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-085

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.5	4.99	mg/kg	03.13.20 09.27		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#86

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-086

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	207	5.05	mg/kg	03.13.20 09.33		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#87

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-087

Date Collected: 03.09.20 00.00

Prep Method: E300P % Moisture:

Tech:

Analyst:

CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	51.5	4.99	mg/kg	03.13.20 09.40		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#88

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-088

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 16.05

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	15.7	4.95	mg/kg	03.13.20 09.59		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#89

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-089

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	31.3	5.00	mg/kg	03.13.20 10.05		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#90

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-090

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tach: CHE

% Moisture:

Tech: Analyst: CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	124	5.04	mg/kg	03.13.20 10.11		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#91

Matrix:

Date Prep:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-091

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Analytical Method: Chloride by EPA 300 Tech:

CHE

CHE Analyst:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	130	5.02	mg/kg	03.13.20 10.18		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#92

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-092

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analyst:

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

Tech:

CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	363	4.96	mg/kg	03.13.20 10.24		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#93

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-093

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE

CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	52.0	5.00	mg/kg	03.13.20 10.30		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#94

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-094

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

Tech:

CHE

% Moisture:

Analyst:

CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	44.7	4.96	mg/kg	03.13.20 10.49		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#95

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-095

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.83	4.98	mg/kg	03.13.20 10.56		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#96

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-096

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

03.12.20 16.05 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.6	4.95	mg/kg	03.13.20 11.15		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#97

Matrix:

Date Prep:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-097

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

03.12.20 16.05

% Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	45.2	4.95	mg/kg	03.13.20 11.21		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#98

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-098

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

03.12.20 16.05 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	60.2	5.04	mg/kg	03.13.20 11.28		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#88

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-099

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1040	24.9	mg/kg	03.13.20 11.34		5





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#100

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-100

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	213	5.00	mg/kg	03.13.20 11.40		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#101

Analytical Method: Chloride by EPA 300

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-101

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Date Prep:

03.12.20 16.05

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	< 5.00	5.00	mg/kg	03.13.20 11.47	U	1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #102 Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-102

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 16.05

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.33	5.03	mg/kg	03.13.20 11.53		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#103

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-103

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	192	5.00	mg/kg	03.13.20 12.31		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #1

#104

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-104

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	677	5.01	mg/kg	03.13.20 12.50		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#105

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-105

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	14.9	5.04	mg/kg	03.13.20 12.56		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#106

Analytical Method: Chloride by EPA 300

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-106

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

CHE

Date Prep:

03.12.20 16.15

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	492	4.98	mg/kg	03.13.20 13.03		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#107

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-107

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	463	5.05	mg/kg	03.13.20 13.09		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#108

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-108

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	33.2	5.05	mg/kg	03.13.20 13.28		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#109

Matrix:

Soil

03.12.20 16.15

Date Received:03.12.20 00.00

Wet Weight

Lab Sample Id: 655398-109

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

Basis:

% Moisture:

Seq Number: 3119656

Parameter Cas Number Result RLUnits **Analysis Date** Flag Dil 16887-00-6 Chloride 187 03.13.20 13.35 4.98 mg/kg 1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#110

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-110

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	245	4.95	mg/kg	03.13.20 13.41		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#111

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-111

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

CHE

% Moisture:

Analyst:

CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	346	4.97	mg/kg	03.13.20 13.47		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #

#112

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-112

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	31.3	5.03	mg/kg	03.13.20 13.54		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#113

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-113

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst: Seq Number: 3119656

CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	167	5.05	mg/kg	03.13.20 14.00		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#114

Matrix:

Date Prep:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-114

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analyst:

Analytical Method: Chloride by EPA 300

% Moisture:

Tech:

CHE CHE

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	57.6	5.04	mg/kg	03.13.20 14.19		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #115

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-115

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	190	4.96	mg/kg	03.13.20 14.25		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#116

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-116

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.12.20 16.15

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	245	5.00	mg/kg	03.13.20 14.44		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #117 Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-117

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

% Moisture:

CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	267	5.05	mg/kg	03.13.20 14.51		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #1

#118

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-118

Date Collected: 03.09.20 00.00

Prep Method: E300P

m 1

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	457	5.00	mg/kg	03.13.20 14.57		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #

#119

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-119

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE CHE

HE

Date Prep: 03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	470	25.0	mg/kg	03.13.20 15.03		5





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#120

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-120

Date Collected: 03.09.20 00.00

Tech:

Analytical Method: Chloride by EPA 300

Prep Method: E300P

CHE

% Moisture:

Wet Weight

Analyst:

CHE

Seq Number: 3119656

Date Prep:

03.12.20 16.15

Basis:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	224	5.00	mg/kg	03.13.20.15.10		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#121

Matrix:

Soil

03.12.20 16.15

Date Received:03.12.20 00.00

Lab Sample Id: 655398-121

Date Collected: 03.09.20 00.00

_ ..

Prep Method: E300P

Tech: Analyst: CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

% Moisture: Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	450	5.03	mg/kg	03.13.20 15.16		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#122

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-122

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech:

Analyst:

CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 16.15

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	388	4.98	mg/kg	03.13.20 15.22		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#123

Matrix:

Date Prep:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-123

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

Tech: Analyst: CHE CHE

03.12.20 17.45

% Moisture: Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	151	5.00	mg/kg	03.12.20 23.11		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #124 Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-124

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	268	4.96	mg/kg	03.12.20 23.27		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#125

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-125

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	384	5.00	mg/kg	03.12.20 23.32		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#126

Matrix:

Date Prep:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-126

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

Tech:

% Moisture:

Analyst:

CHE CHE

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	52.6	4.99	mg/kg	03.12.20 23.38		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#127

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-127

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	216	5.04	mg/kg	03.12.20 23.43		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#128

Analytical Method: Chloride by EPA 300

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-128

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech: Analyst:

CHE CHE

Date Prep:

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	564	5.01	mg/kg	03.12.20 23.59		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#129

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-129

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	20.9	4.99	mg/kg	03.13.20 00.04		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #

#130

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-130

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	434	4.96	mg/kg	03.13.20 00.09		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #131 Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-131

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

03.12.20 17.45 Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	379	5.01	mg/kg	g 03.13.20 00.14		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #1

#132

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-132

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech:

Analyst:

CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.12.20 17.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	294	4.99	mg/kg	03.13.20 00.20		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#133

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-133

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	202	4.97	mg/kg	03.13.20 09.26		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #134 Matrix:

Date Prep:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-134

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

CHE

% Moisture:

Analyst:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	313	5.05	mg/kg	03.13.20 09.41		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#135

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-135

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	203	5.02	mg/kg	03.13.20 09.47		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #1

#136

Analytical Method: Chloride by EPA 300

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-136

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	121	5.05	mg/kg	03.13.20 09.52		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#137

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-137

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.5	4.96	mg/kg	03.13.20 09.57		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

03.13.20 08.45

Sample Id:

#138

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-138

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P % Moisture:

Tech:

Analyst:

CHE CHE

Date Prep:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	83.4	4.99	mg/kg	03.13.20 10.13		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #

#139

Analytical Method: Chloride by EPA 300

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-139

Date Collected: 03.09.20 00.00

ite Conceited. 03.07.20 00.00

% Moisture:

Prep Method: E300P

Tech: Analyst: CHE CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	240	5.03	mg/kg	03.13.20 10.18		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#140

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-140

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

% Moisture:

Analyst:

CHE

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	48.2	4.97	mg/kg	03.13.20 10.23		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #2

#141

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-141

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	46.3	5.04	mg/kg	03.13.20 10.29		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id:

#142

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-142

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

CHE

% Moisture:

Analyst:

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	205	4.99	mg/kg	03.13.20 10.34		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#143

Matrix:

Date Prep:

Soil

03.13.20 08.45

Date Received:03.12.20 00.00

Lab Sample Id: 655398-143

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE CHE

Analytical Method: Chloride by EPA 300

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	76.3	5.02	mg/kg	03.13.20 10.39		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#144

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-144

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.8	5.04	mg/kg	03.13.20 10.55		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #

#145

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-145

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	514	4.98	mg/kg	03.13.20 11.00		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#146

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-146

Seq Number: 3119657

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

CHE

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	311	4.99	mg/kg	03.13.20.11.16		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#147

Matrix:

Soil

03.13.20 08.45

Date Received:03.12.20 00.00

Lab Sample Id: 655398-147

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE CHE

Analytical Method: Chloride by EPA 300

Date Prep:

% Moisture:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	168	5.00	mg/kg	03.13.20 11.21		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #148

Date Received:03.12.20 00.00

Lab Sample Id: 655398-148

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE

CHE

03.13.20 08.45 Date Prep:

Matrix:

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	14.6	4.98	mg/kg	03.13.20 11.27		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #1

#149

Analytical Method: Chloride by EPA 300

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-149

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CIIL

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.8	4.96	mg/kg	03.13.20 11.32		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#150

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-150

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

CHE

Analyst:

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	108	5.03	mg/kg	03.13.20 11.37		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#151

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-151

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.13.20 08.45

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	552	4.98	mg/kg	03.13.20 11.42		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#152

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-152

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

Analytical Method: Chloride by EPA 300

CHE CHE

Date Prep:

03.13.20 08.45

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	36.9	5.02	mg/kg	03.13.20 11.48		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#153

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-153

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analytical Method: Chloride by EPA 300

% Moisture:

Analyst:

CHE

CHE

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	53.2	5.05	mg/kg	03.13.20 14.15		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#154

Analytical Method: Chloride by EPA 300

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-154

Date Collected: 03.09.20 00.00

% Moisture:

Prep Method: E300P

Tech:

Analyst:

CHE

CHE

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	36.7	4.99	mg/kg	03.13.20 14.31		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

03.13.20 13.50

Sample Id:

#155

Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-155

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: Analyst: CHE CHE

Date Prep:

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	14.0	4.97	mg/kg	03.13.20 14.36		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #156

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-156

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

Matrix:

03.13.20 13.50

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	175	4.98	mg/kg	03.13.20 14.42		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#157

Analytical Method: Chloride by EPA 300

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-157

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech: Analyst:

CHE CHE

Date Prep:

03.13.20 13.50

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	620	5.03	mg/kg	03.13.20 14.47		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: Lab Sample Id: 655398-158

#158

Matrix:

Date Received:03.12.20 00.00

Soil Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	309	4.99	mg/kg	03.13.20 15.03		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#159

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-159

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

Analytical Method: Chloride by EPA 300

CHE

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.30	4.96	mg/kg	03.13.20 15.08		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#160

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-160

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech: Analyst: CHE CHE

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	215	4.96	mg/kg	03.13.20 15.13		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #1

#161

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-161

Date Collected: 03.09.20 00.00

Prep Method: E300P

Analytical Method: Chloride by EPA 300

% Moisture:

Tech:

CHE

Analyst:

CIL

CHE

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	35.7	4.98	mg/kg	03.13.20 15.19		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#162

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-162

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	110	4.99	mg/kg	03.13.20 15.24		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id:

#163

Analytical Method: Chloride by EPA 300

Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-163

Date Collected: 03.09.20 00.00

Prep Method: E300P

Tech:

Analyst:

CHE CHE

Date Prep:

03.13.20 13.50

Basis:

% Moisture:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	54.7	5.00	mg/kg	03.13.20 15.29		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Soil

Sample Id: #164 Matrix:

Date Received:03.12.20 00.00

Lab Sample Id: 655398-164

Date Collected: 03.09.20 00.00

Prep Method: E300P

% Moisture:

Tech: Analyst: CHE

CHE

Analytical Method: Chloride by EPA 300

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	58.4	5.04	mg/kg	03.13.20 15.45		1





Etech Environmental & Safety Solution, Inc, Midland, TX

Serrano

Sample Id: #165 Matrix:

Soil

Date Received:03.12.20 00.00

Lab Sample Id: 655398-165

Date Collected: 03.09.20 00.00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech:

% Moisture:

Analyst:

CHE CHE

Date Prep:

03.13.20 13.50

Basis:

Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	159	4.99	mg/kg	03.13.20 16.06		1



Flagging Criteria



Page 319 of 348

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit SDL Sample Detection Limit LOD Limit of Detection

PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample BLK Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample BKSD/LCSD Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate MS Matrix Spike MSD: Matrix Spike Duplicate

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

^{**} Surrogate recovered outside laboratory control limit.



Etech Environmental & Safety Solution, Inc

Serrano

Analytical Method: Chloride by EPA 300

Seq Number: 3119502

Spike

250

Prep Method:

E300P

Matrix: Solid

104

LCSD

0

Date Prep: 03.12.20

MB Sample Id:

7698738-1-BLK

LCS Sample Id: 7698738-1-BKS LCSD Sample Id: 7698738-1-BSD

Parameter

MR Result Amount LCS LCS Limits %RPD RPD Limit Units

Analysis Flag Date

Chloride

< 5.00

Result %Rec 261

Result %Rec < 5.00

LCSD

90-110

200 20

03.12.20 18:00 mg/kg

LF

Analytical Method: Chloride by EPA 300 Seq Number:

3119521 Matrix: Solid

250

250

E300P Prep Method: Date Prep:

MB Sample Id:

7698740-1-BLK

03.12.20

7698740-1-BKS LCS Sample Id:

LCSD Sample Id: 7698740-1-BSD

Parameter

MB

LCS LCS

LCSD LCSD

Result

Limits

%RPD RPD Limit Units

20

Analysis Flag Date

Chloride

Spike Result Amount < 5.00

Result 248

%Rec 99

%Rec 250 100

90-110

mg/kg 03.12.20 14:19

Analytical Method: Chloride by EPA 300

3119524

Prep Method:

E300P

Seq Number: MB Sample Id:

Matrix: Solid

7698741-1-BKS

250

Date Prep: LCSD Sample Id: 7698741-1-BSD

03.12.20

Parameter

7698741-1-BLK

LCS Sample Id: LCS

LCSD LCSD

%RPD RPD Limit Units Limits

0

0

0

Flag

MB Result

< 5.00

LCS Spike Result %Rec Amount

251

Result

%Rec 100 90-110 20

Analysis Date 03.12.20 17:13

03.12.20 20:07

Chloride

Analytical Method: Chloride by EPA 300

3119526

100

100

E300P Prep Method:

mg/kg

03.12.20

MB Sample Id: **Parameter**

Seq Number:

7698742-1-BLK

Matrix: Solid LCS Sample Id:

7698742-1-BKS

Date Prep: LCSD Sample Id: 7698742-1-BSD

20

Analysis Date

Chloride

MB Spike Amount Result < 5.00 250

LCS LCS Result %Rec

250

LCSD Result

251

LCSD Limits %Rec

100

90-110

%RPD RPD Limit Units

mg/kg

mg/kg

Flag

Analytical Method: Chloride by EPA 300

3119654

Prep Method:

E300P

Matrix: Solid

Date Prep:

03.12.20

MB Sample Id:

Seq Number:

7698743-1-BLK

Spike

LCS Sample Id: LCS LCS Result

7698743-1-BKS LCSD

%Rec

105

LCSD Sample Id: 7698743-1-BSD

03.13.20 15:52

Parameter Chloride

MB Result

< 5.00

Amount 250

%Rec 263 105 LCSD Result 263

Limits 90-110

20

%RPD RPD Limit Units

Analysis Flag Date

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |

[D] = 100 * (C) / [B]Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result = MS/LCS Result

= MSD/LCSD Result



Etech Environmental & Safety Solution, Inc

Serrano

Analytical Method: Chloride by EPA 300

Seq Number: 3119655

7698744-1-BLK

Matrix: Solid

106

Prep Method: Date Prep:

E300P

03.12.20

MB Sample Id:

LCS Sample Id: 7698744-1-BKS LCSD Sample Id: 7698744-1-BSD

Parameter

MR Result Amount

Spike

250

LCS LCS

LCSD

Limits

%RPD RPD Limit Units

Analysis Date

Flag

Chloride

< 5.00

Result %Rec 264

%Rec Result 264

LCSD

106 90-110

0 20 mg/kg

03.13.20 08:49

Analytical Method: Chloride by EPA 300

3119656

Matrix: Solid

Prep Method: Date Prep:

E300P 03.12.20

Seq Number: MB Sample Id:

7698745-1-BLK

7698745-1-BKS LCS Sample Id:

LCSD Sample Id: 7698745-1-BSD

Analysis

Date

03.13.20 12:18

Parameter

MB

LCS LCS LCSD

265

Limits

%RPD RPD Limit Units

Flag

Chloride

Spike Result Amount < 5.00 250

Result %Rec 264

Result 106

LCSD %Rec 106

90-110

0

0

mg/kg

Analytical Method: Chloride by EPA 300

3119476

Result

< 0.858

Result

< 5.00

MB

Result

< 5.00

Prep Method: Date Prep:

20

E300P

03.12.20

Seq Number: MB Sample Id:

7698763-1-BLK

Matrix: Solid LCS Sample Id:

7698763-1-BKS

251

LCSD Sample Id: 7698763-1-BSD

Analysis

03.12.20 23:01

Parameter

MB

LCS Spike Result Amount

250

LCS %Rec

252

LCSD LCSD Result %Rec

Limits 90-110

%RPD RPD Limit Units 20

Date

Flag

Chloride

Analytical Method: Chloride by EPA 300 Seq Number:

3119657

Matrix: Solid

102

101

100

Prep Method:

Date Prep:

E300P

mg/kg

03.13.20

03.13.20 09:15

Date

03.13.20 14:05

MB Sample Id: **Parameter**

7698820-1-BLK MB LCS Sample Id:

255

7698820-1-BKS

LCSD Sample Id:

7698820-1-BSD

Chloride

Spike Amount 250

LCS LCS Result %Rec LCSD LCSD Result

258

Limits %Rec 90-110 103

%RPD RPD Limit Units

mg/kg

mg/kg

Analysis Flag Date

Analytical Method: Chloride by EPA 300 3119660

Spike

250

Amount

Matrix: Solid

LCS

%Rec

103

LCSD

Result

254

1

2

E300P

Seq Number: MB Sample Id: **Parameter**

Chloride

7698825-1-BLK

LCS Sample Id:

LCS

258

Result

7698825-1-BKS

LCSD

%Rec

102

Limits

90-110

Date Prep: LCSD Sample Id: 7698825-1-BSD %RPD RPD Limit Units

20

Prep Method:

20

03.13.20

Analysis Flag

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery

Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result = MS/LCS Result

= MSD/LCSD Result



Etech Environmental & Safety Solution, Inc

Serrano

Analytical Method: Chloride by EPA 300

3119502

Matrix: Soil

Prep Method:

E300P

Seq Number:

MS

104

Date Prep:

03.12.20

Parent Sample Id:

655378-002

MS Sample Id: 655378-002 S

MSD Sample Id: 655378-002 SD %RPD RPD Limit Units

Analysis

Parameter Chloride

Parent Result 8.87 Spike

Spike

250

Amount

MS Result %Rec 269

MSD MSD %Rec Result

104

269

347

90-110

Limits

0 20 mg/kg

Date 03.12.20 18:21

Analytical Method: Chloride by EPA 300

Seq Number:

3119502

Matrix: Soil

Prep Method:

E300P

655378-012

Date Prep:

20

03.12.20

Parent Sample Id:

MS Sample Id: 655378-012 S MSD Sample Id: 655378-012 SD

Date

03.12.20 19:56

Parameter

Parent

MS MS

MSD MSD

Limits

0

%RPD RPD Limit Units Analysis Flag

Flag

Chloride

Result Amount 82.5 248 Result %Rec 346 106

Result

%Rec 107

90-110

mg/kg

Analytical Method: Chloride by EPA 300

Prep Method:

E300P

Seq Number: Parent Sample Id: 3119521

Matrix: Soil

Date Prep:

03.12.20

MSD Sample Id: 655398-003 SD

Parameter

655398-003

MS Sample Id: MS Spike

655398-003 S MS **MSD**

MSD %Rec Limits

3

%RPD RPD Limit Units

Analysis Flag

Chloride

Parent Result 97.8

Result %Rec Amount 252 349

Result 100

103 90-110

20

03.12.20 14:35 mg/kg

Date

Analytical Method: Chloride by EPA 300

Seq Number:

3119521

MS

280

Result

Amount

250

Spike

248

Amount

MSD

Result

281

358

MSD

%Rec

100

Prep Method:

%RPD RPD Limit Units

20

20

E300P

Date Prep:

Parent Sample Id: **Parameter**

655398-013 Parent Spike Result

29.9

Parent

Result

291

MS Sample Id:

MS

100

%Rec

Matrix: Soil 655398-013 S

Limits

90-110

MSD Sample Id:

03.12.20 655398-013 SD

Date

03.12.20 15:49

Date

03.12.20 17:29

Analysis

Flag

Chloride

Analytical Method: Chloride by EPA 300

Parent Sample Id:

3119524

%Rec

93

Matrix: Soil

0

mg/kg

E300P

Prep Method: Date Prep: 03.12.20

mg/kg

Parameter

Chloride

Seq Number:

655398-023

MS Sample Id: MS

Result

522

MS

655398-023 S **MSD MSD**

%Rec

100

Result

538

Limits

90-110

MSD Sample Id: 655398-023 SD %RPD RPD Limit Units

3

Analysis Flag

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result = MSD/LCSD Result



Etech Environmental & Safety Solution, Inc

Serrano

Result

350

Analytical Method: Chloride by EPA 300

Seq Number: 3119524

Parent Sample Id: 655398-033

Matrix: Soil MS Sample Id: 655398-033 S Prep Method:

E300P

Date Prep: 03.12.20

MSD Sample Id: 655398-033 SD

mg/kg

Parameter

Spike Parent Result Amount

MS MS **MSD** Result

Limits **MSD**

%RPD RPD Limit Units

Analysis Flag Date

Chloride

99.7 252 %Rec 103

358

%Rec 99

90-110

2 20 03.12.20 18:43

Analytical Method: Chloride by EPA 300 Seq Number:

3119526

Matrix: Soil

Prep Method:

0

E300P

03.12.20

Parent Sample Id:

655398-043

MS Sample Id: 655398-043 S

Date Prep: MSD Sample Id: 655398-043 SD

Parameter

MS MS

MSD

MSD Limits %RPD RPD Limit Units

Analysis Flag

Chloride

Parent Result

Spike Amount 250

Result %Rec 310 99

Result 311 %Rec 99

90-110

20 mg/kg

Date 03.12.20 20:23

Analytical Method: Chloride by EPA 300

3119526

Parent

Result

Parent

Result

Parent

Result

20.5

619

5.94

62.4

Prep Method:

E300P

Seq Number: Parent Sample Id:

655398-053

Matrix: Soil

655398-053 S

Date Prep: MSD Sample Id: 655398-053 SD

03.12.20

Parameter

MS Sample Id: MS Spike

MS **MSD**

MSD Limits %Rec

%RPD RPD Limit Units

Analysis

Chloride

Amount 248

Result %Rec 256 101 Result 256

101 90-110 0 20

03.12.20 21:36 mg/kg

Flag Date

Parent Sample Id:

Analytical Method: Chloride by EPA 300 Seq Number:

3119654

Matrix: Soil

%Rec

102

Prep Method: Date Prep:

20

E300P

03.12.20

655398-063 SD

03.13.20 16:11

03.13.20 18:32

Parameter

Chloride

655398-063

Spike Amount Result

248

MS Sample Id: MS MS

871

655398-063 S **MSD** Result

873

MSD Limits %Rec

102

MSD Sample Id: %RPD RPD Limit Units

0

0

Analysis Flag Date

Analytical Method: Chloride by EPA 300

3119654

Matrix: Soil

90-110

Prep Method:

Date Prep:

mg/kg

mg/kg

E300P 03.12.20

Parameter

Chloride

Parent Sample Id:

Seq Number:

655398-073

Spike

252

Amount

MS Sample Id: MS MS

%Rec

113

Result

304

Result

304

655398-073 S **MSD MSD**

%Rec

113

Limits

90-110

%RPD RPD Limit Units

20

MSD Sample Id: 655398-073 SD

Analysis Flag Date

X

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result = MS/LCS Result

= MSD/LCSD Result



Etech Environmental & Safety Solution, Inc

Serrano

271

Analytical Method: Chloride by EPA 300

Seq Number: 3119655

Matrix: Soil

Prep Method:

E300P

Date Prep:

03.12.20

Parent Sample Id:

655398-083

MS Sample Id: 655398-083 S

107

MSD Sample Id: 655398-083 SD %RPD RPD Limit Units

Analysis

Parameter Chloride

Parent Result Amount 4.65

MS MS Result %Rec 273

MSD MSD %Rec Result

106

Limits 90-110

20 mg/kg

Date 03.13.20 09:08

Flag

Analytical Method: Chloride by EPA 300

Seq Number:

3119655

Matrix: Soil

Prep Method: Date Prep:

E300P

Parent Sample Id:

655398-093

MS Sample Id: 655398-093 S 03.12.20

MSD Sample Id: 655398-093 SD

03.13.20 10:37

Parameter

MS MS

MSD MSD

%RPD RPD Limit Units Limits

0

Analysis

Parent Result

Spike Amount 250

Spike

251

Result %Rec 313 104 Result 313

%Rec 104 90-110

20 mg/kg

Flag Date

Chloride

52.0

Parent

Result

192

167

Parent

Result

151

Prep Method:

E300P

Analytical Method: Chloride by EPA 300 Seq Number:

3119656

Matrix: Soil

Date Prep:

Parent Sample Id:

655398-103

MS Sample Id:

655398-103 S

MSD Sample Id: 655398-103 SD

03.12.20

Parameter

Spike

MS MS

MSD MSD %Rec

Limits

90-110

Limits

90-110

%RPD RPD Limit Units

Analysis

Chloride

Amount 250

Result %Rec 449 103

Result 453

104 90-110 20

03.13.20 12:37 mg/kg

Flag Date

Analytical Method: Chloride by EPA 300

Seq Number:

3119656

432

431

MSD

Result

391

Prep Method:

E300P

Parent Sample Id:

655398-113

Matrix: Soil MS Sample Id:

655398-113 S

Date Prep: MSD Sample Id:

03.12.20

655398-113 SD

03.13.20 14:06

Date

03.12.20 23:17

Parameter

Chloride

Parent Result

Spike Amount Result

253

Spike

250

Amount

MS MS

%Rec

105

MSD Result

MSD Limits %Rec

104

%RPD RPD Limit Units

0

mg/kg

mg/kg

Analysis Flag Date

Analytical Method: Chloride by EPA 300 3119476

Matrix: Soil

20

Prep Method:

%RPD RPD Limit Units

20

E300P

Seq Number: Parent Sample Id: **Parameter**

Chloride

655398-123

MS Sample Id:

MS

397

Result

655398-123 S

MS

98

%Rec

96

MSD

%Rec

Date Prep: MSD Sample Id: 655398-123 SD

2

03.12.20

Analysis Flag

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery

Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result = MS/LCS Result

= MSD/LCSD Result



QC Summary 655398

Etech Environmental & Safety Solution, Inc

Serrano

Analytical Method: Chloride by EPA 300

E300P Prep Method:

Seq Number: 3119476 Matrix: Soil Date Prep: 03.12.20

MS Sample Id: MSD Sample Id: 655518-001 SD 655518-001 S Parent Sample Id: 655518-001

%RPD RPD Limit Units Spike MS MS Limits Parent **MSD MSD** Analysis Flag **Parameter** Result Amount Result Date %Rec %Rec Result 639 03.13.20 00:30 Chloride 252 857 87 857 87 90-110 0 20 mg/kg X

Analytical Method: Chloride by EPA 300

Seq Number: 3119657

E300P Prep Method: Matrix: Soil Date Prep: 03.13.20

Parent Sample Id: 655398-133 MS Sample Id: 655398-133 S MSD Sample Id: 655398-133 SD

Spike MS MS %RPD RPD Limit Units Parent **MSD MSD** Limits Analysis Flag **Parameter** Result Date Result Amount %Rec Result %Rec Chloride 202 249 428 91 445 98 90-110 20 mg/kg 03.13.20 09:31

Analytical Method: Chloride by EPA 300

Seq Number: 3119657

Matrix: Soil

Prep Method: E300P

Date Prep: 03.13.20

MS Sample Id: 655398-143 S MSD Sample Id: 655398-143 SD Parent Sample Id: 655398-143

MS %RPD RPD Limit Units Parent Spike MS **MSD MSD** Limits **Analysis Parameter**

Result Date Result %Rec Amount Result %Rec 03.13.20 10:45 Chloride 76.3 251 325 99 325 99 90-110 0 20 mg/kg

Analytical Method: Chloride by EPA 300

Seq Number:

Prep Method:

Prep Method:

E300P

Flag

3119660 Matrix: Soil Date Prep: 03.13.20

655398-153 S MSD Sample Id: 655398-153 SD Parent Sample Id: 655398-153 MS Sample Id:

MS %RPD RPD Limit Units Parent Spike MS **MSD MSD** Limits Analysis Flag **Parameter** Result %Rec Date Result Amount Result %Rec Chloride 53.2 253 309 101 310 90-110 0 20 03.13.20 14:21 102 mg/kg

Analytical Method: Chloride by EPA 300

Seq Number:

3119660

Matrix: Soil

E300P

Date Prep: 03.13.20

Parent Sample Id: 655398-163 MS Sample Id: 655398-163 S MSD Sample Id: 655398-163 SD

Parent Spike MS MS Limits %RPD RPD Limit Units Analysis **MSD MSD** Flag **Parameter** Result Date Result Amount %Rec Result %Rec Chloride 54.7 250 293 95 301 99 90-110 3 20 mg/kg 03.13.20 15:34

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]

Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result

= MS/LCS Result = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec



Chain of Custody

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

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	585-3443, Lubbock, TX (806) 794-1296	

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Chain of Custody

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

Atlanta, GA (770) 449-8800

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Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701 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 Atlanta, GA (770) 449-8800

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City, State ZIP:

Project Manager:

Joel Lowry

Company Name:

3100 Plains Highway

ovington, NM, 88260

City, State ZIP:

Company Name: Bill to: (if different)

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Etech Environmental & Safety

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

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Reporting:Level I Level I PST/US TRRI Level I

Program: UST/PST ☐PRP ☐ Brownfields ☐RRC ☐ Superfund ☐

Work Order Comments

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Project Manager: Company Name:

Joel Lowry

Bill to: (if different) Company Name:

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Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701 Houston, TX (281) 240-4200, Dallas, TX (214) 9 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900 Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Atlanta, GA (770) 449-8800

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Project Manager:

Joel Lowry

Bill to: (if different) Company Name:

Etech Environmental & Safety

Address: Company Name:

Houston, TX (281) 240-4200, Dallas, ntonio, TX (210) 509-3334

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Work Order No: USS 300,

Program: UST/PST ☐PRP ☐ Brownfields ☐RRC ☐ Superfund ☐

Work Order Comments

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Project Manager:

Joel Lowry

Bill to: (if different)

Company Name:

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M: d

Strena

Company Name: \ddress:

3100 Plains Highway

Lovington, NM, 88260

City, State ZIP:

Etech Environmental & Safety

City, State ZIP:

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

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Signature)	Relinquished by: (Signature)	Date/Time	: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Relinqu
s standard terms and conditi circumstances beyond the co unless previously negotiated.	and subcontractors. It assigned in the subcontractors is assigned in the such losses are due to These terms will be enforced.	t company to Xenco, its affiliates as or expenses incurred by the ci itted to Xenco, but not analyzed.	alld purchase order from cilem any responsibility for any loss ge of \$5 for each sample subm	nt of samples constitutes a v imples and shall not assume d to each project and a chan	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.	Notice: Signatur of service. Xenu of Xenco. A mir
Mo Ni Se Ag Ti ∪	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo	CRA Sb As Ba Be C	TCLP / SPLP 6010: 8RCRA	be analyzed TO	Circle Method(s) and Metal(s) to be analyzed	Circle
Fe Pb Mg Mn Mo Ni K Se Ag	Cd Ca Cr Co Cu F	1 Al Sb As Ba Be B	8RCRA 13PPM Texas 11 Al		Total 200.7 / 6010 200.8 / 6020:	Total 2
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	трн тх	Code Chloride BTEX 80	Time Depth	Matrix Date Sampled S	Sample Identification	Sam
	1005	e E30	TS:	N/A Total Containers:	ody Seals: Yes No	Sample Custody Seals:
		10	tor:	N/A Correction Factor:	Ϋ́e	Cooler Custody Seals:
	-			No	Yes	Received Intact:
		ner	Thermometer ID	The	(°C):	Temperature (°C):
		s/Pro	Wet Ice: Yes No	Temp Blank: Yes No	SAMPLE RECEIPT Temp	SAMPLE
		ese				PO #:
		rvat	Due Date:	ojica	Eric N	Sampler's Name:
		ive	Rush:	4	tion Lex county	Project Location
			Routine: ☑) (Project Number:
REQUEST	ANALYSIS REQI		Turn Around		e: Se/1400	Project Name:
Deliverables: EDD	1 + Client	Email: Email Results to PM@etechenv.com + Client	Email: Email Resul		575-396-2378	Phone:

Reporting:Level I Level I PST/US TRR Level I

State of Project:

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

www.xenco.com

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Joel Lowry

Company Name:

Etech Environmental & Safety

3100 Plains Highway

Lovington, NM, 88260

City, State ZIP:

Company Name: Bill to: (if different)

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Stream

Program: UST/PST ☐PRP ☐ Brownfields ☐RRC ☐ Superfund ☐

Work Order Comments

State of Project:

Reporting:Level I Level I PST/US TRRI Level I

Address:

City, State ZIP:

Chain of Custody

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

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Order No:	
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Phone: 575-39	575-396-2378	Email: Email Resul	Email: Email Results to PM@etechenv.com + Client		Deliverables: EDD	Other:
Project Name: Se	ELLAGO	Turn Around		ANALYSIS REQUEST	P	Preservative Codes
Project Number:) 0	786	Routine: 🗹			HNO3: HN	HN
Project Location Les	County	Rush:	ive		H2S04: H2	: H2
); 		Due Date:	vat		HCL: HC	产
			esei		None: NO	NO NO
SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No	s/Pre		NaOH: Na	. Na
Temperature (°C):		= [ners		MeOH: Me	: Me
Received Intact:	Yes No				Zn Ace	Zn Acetate+ NaOH: Zn
Cooler Custody Seals:	Yes No N/A Correction Factor:	Factor:	0		TAT	that the development but to
Sample Custody Seals:	No N/A	ainers:	E30	1005		lab, if received by 4:30pm
Sample Identification	on Matrix Date	Time Depth	Numbe Code Chloride BTEX 80	трн тх		Sample Comments
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Total 200.7 / 6010	l	8RCRA 13PPM Texas 11		B Cd Ca Cr Co Cu Fe Pb Mg	Mg Mn Mo Ni K Se Ag SiO2 Na Sr	TI Sn U \
Circle Method(s) and	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 Tl U		1631 / 245.1 / 7470 / 7471 : Hg
Notice: Signature of this document a of service. Xenco will be liable only for Service. A minimum charge of \$75.	and relinquishment of samples constitute for the cost of samples and shall not as .00 will be applied to each project and a	es a valid purchase order from cilen sume any responsibility for any loss charge of \$5 for each sample subrr	it company to Xenco, its affiliates as or expenses incurred by the o	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.	and conditions yond the control negotlated.	
Relinquished by: (Signature)	ature) Receive	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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						Revised Date 101419 Rev. 2019.1



Joel Lowry

Company Name:

Etech Environmental & Safety
3100 Plains Highway

Address: City, State ZIP:

Bill to: (if different)
Company Name:

(9006

Stream

Work Order Comments

State of Project:

Reporting:Level I Level I PST/US TRR Level I

Lovington, NM, 88260

City, State ZIP: Phone:

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

ody 0, San Antonio, TX (210) 509-3334

Work Order No: USS 398

Phone: 575	575-396-2378	Ema	Email: Email Results to PM@etechenv.com + Client	to P	M@e	tech	env.cc	om +	Client				_	Deliverables: EDD	ables	E			B	ADaPT 🗆	ľ	Other:	3f:
Project Name:	e (LANO		Turn Around							ANA	ANALYSIS REQ	REC	UEST	7						-	ק	esen	Preservative Codes
Project Number:	0786	Ro	Routine: 🗹																-	エ	HNO3: HN	포	
Project Location 2	les Cornty	Rush:		ive									•							Ŧ	H2S04: H2	H2	
Sampler's Name:	Eric Mosica	Du	Due Date:	rva																Ŧ	HCL: HL	Γ-	
PO#:				ese																z	None: NO	õ	
SAMPLE RECEIPT	Temp Blank:	Yes No Wet Ice:	Yes No	s/Pr																z	NaOH: Na	N _a	
Temperature (°C):		Thermometer ID		ner																<u></u>	MeOH: Me	₹	
Received Intact:	Yes No			ntai			t													Zr) Acet	ate+ >	Zn Acetate+ NaOH: Zn
Cooler Custody Seals:	Yes No N/A	Correction Factor:		Cor	10		d Ex													Т	TAT et	200	day recoved by the
Sample Custody Seals:	No N/A	Total Containers:		r of	E30	21	difie	005													lat s), if rec	lab, if received by 4:30pm
Sample Identification	ation Matrix	Date Time Sampled Sampled	Depth	Numbe Code	hloride	STEX 8	PH Mo	PH TX													္အ	ample	Sample Comments
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# 87	6	3.9.20	Surt.		K			-														V.	
88	S	3.9.20	Sur f.		<						,												
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# 90	<u>ر</u>	3.4.20	Suff.		ار		\vdash	-	\vdash	-	-							-	-	-			
Total 200.7 / 6010	200.8 / 6020:	8RCRA 13	8RCRA 13PPM Texas 11	Al Sb	y dS	As Ba	짱	ВС	d Ca	오	00 00	Cu Fe	Рь	۸g۸	n M	N.	ΚS	e Ag	SiO	2 Na	δ	TI Sn	Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn ∪ V Zn
Circle Method(s) a	Circle Method(s) and Metal(s) to be analyzed	ilyzed TCLP / S	TCLP / SPLP 6010: 8RCRA	₽̈́	Sb /	S B	a Be	8	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo	ပ်	망	S X	ō Z	Ni Se Ag	6	TI U				631	124	5.1/7	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.	nt and relinquishment of sam nly for the cost of samples an \$75.00 will be applied to each	ples constitutes a valid purci d shall not assume any resp project and a charge of \$5 to	nase order from client o xnsibility for any losses or each sample submitt	compan or exp	y to Xe enses enco, t	inco, it:	affiliat d by the	es and e client ed. The	subcom	ractors osses a	It assi	gns sta	ndard mstanc	terms a	nd con	ditions		`					
Relinquished by: (Signature)	gnature)	Received by: (Signature)	ature)		Date	Date/Time	•	$-\parallel$	Relinquished by: (Signature)	hish	ed by	(Sig	natur	<u> </u>	5		aviga Deviged	श्र	Sign;	by: (Signature)	-	\dashv	Date/Time
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								-														<u></u>	Revised Dale 101419 Rev. 2019.1
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LABORATORIES

Project Manager:

Joel Lowry

Company Name:
Address:
City, State ZIP:

Etech Environmental & Safety
3100 Plains Highway

Address:

City, State ZIP:

Bill to: (if different)

Company Name:

Streem

Work Order Comments

www.xenco.com

120

State of Project:

Reporting:Level I Level I PST/US TRR Level I

Lovington, NM, 88260

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

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	Order No:	
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Project Name: 575-396-2378	7	Email: Email Res	Email: Email Results to PM@etechenv.com + Client De	iliverables: EDD	ADaPT Other: Preservative Codes
Project Location Le Cou	Coraty	Rush:	Ve		H2S04: H2
E	Moires	Due Date:	vati		HO . H
			ser		None: NO
SAMPLE RECEIPT Te	Temp Blank: Yes No	Wet Ice: Yes No	/Pre		NaOH: Na
Temperature (°C):		Thermometer ID	hers		MeOH: Ma
Received Intact: Yes	No				7- A-21-
Seals: Yes	ᅙᅵ	Factor:	0		ZII ACELAIET NAON. ZII
: Yes		lainers:	E30 21 lified		TAT starts the day recevied by the lab, if received by 4:30nm
Sample Identification	Matrix Date Sampled	Time Depth	Number Code Chloride BTEX 80. TPH Moc		Sample Comments
# 91	S 3.9.20	Su, £			
£ 52	S 3.9-20		< ·		
# 93	S 3.9.20		<		
15 #	5 3.9.20		<		
£ 95	5 3.9.20		<u> </u>		
# 96	S 3.9.20		< •		
# 97	S 3.9.20		<		
£ 98	S 3.9.20				
4 00 H	S 3-f-20		<		
# 100	5 3-9.20	S., F.	<i>✓</i>		
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb	11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe	i K Se Ag SiO2	Na Sr Tl
Circle Method(s) and Metal(s) to be analyzed	to be analyzed	ICLP / SPLP 6010: 8RCRA	∜CRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U		631 / 245.1
Notice: Signature of this document and relinquist of service. Xenco will be liable only for the cost of Xenco. A minimum charge of \$75.00 will be as	shment of samples constitution of samples and shall not a open samples and shall not an opplied to each project and	tes a valid purchase order from cil ssume any responsibility for any lo a charge of \$5 for each sample sul	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.	ndard terms and conditions mstances beyond the control ss previously negotiated.	
Relinquished by: (Signature)	Receive	Received by: (Signature)	Date/Time Relinquished by: (Signature)	nature) / Received by: (Signature)	ıre)
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5			6		
					Revised Date 101419 Rev. 2019 1



Joel Lowry

Etech Environmental & Safety

3100 Plains Highway Lovington, NM, 88260

Address: City, State ZIP:

Bill to: (if different)
Company Name:

Good N: 5/+

Mid

Company Name:
Address:
City, State ZIP:

575-396-2378

Email: Email Results to PM@etechenv.com + Client

Deliverables: EDD

Reporting:Level I Level I PST/US TRRI Level I

ADaPT 🗆

Other:

State of Project:

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

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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:
5
530
8

Project Name: ンe /	e ((A o o Tui	Turn Around	ANALYSIS REQUEST	Preservative Codes
Project Number: 0	Ro	9: V		HNO3: HN
Project Location Le.	County			H2904: H2
j. 6				HCL: HL
PO#:				None: NO
SAMPLE RECEIPT	Temp Blank: Yes No Wet Ice:	Yes No		NaOH. Na
Temperature (°C):	Ther			MeOH: Me
Received Intact:	Yes No	ntair		75 Asstate NaOH: 75
Cooler Custody Seals:	0)		ZII Acciale - NaOi 1. Zii
	No N/A	E30(005	TAT starts the day recevied by the lab, if received by 4:30pm
Sample Identification	n Matrix Date Time Sampled Sampled	Numbe Code Chloride BTEX 80	трн тх	Sample Comments
7 101	5 3.9.20	√		
# 102	S 3.9.20	۲.		
# 103	5 3.9.20	5,15		
# 104	S 3.4.20	S.,.7. V		
# 105	S 3.9.20	Sv/f. 1		
# 108	5 3.9.20	Su, f. 1		
# 107	3.9.20	Sur £ 1 1		
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# 109	5 3.4.20	S,, f. 1		
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Total 200.7 / 6010 : Circle Method(s) and h	otal 200.7 / 6010 200.8 / 6020: 8RCRA 13PF Circle Method(s) and Metal(s) to be analyzed TCLP / SPL	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Co	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U 1631/245.1/7470/747	D2 Na Sr TI Sn U V Zn 1631/245.1/7470/7471:Ho
Notice: Signature of this document an of service. Xenco will be liable only for of Xenco. A minimum charge of \$75.0	nd relinquishment of samples constitutes a valid purchase or the cost of samples and shall not assume any responsil 10 will be applied to each project and a charge of \$5 for ea	order from client company to Xenco, its affiliates thy for any losses or expenses incurred by the cl h sample submitted to Xenco, but not analyzed.	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)	ature) Received by: (Signature)) Date/Time	seperived by	(Signature) Date/Time
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Ö			6	Rayland Data 101110 Dog. 2010 J



Address:

Etech Environmental & Safety
3100 Plains Highway

Bill to: (if different)
Company Name:
Address:

Stream

City, State ZIP:

ovington, NM, 88260

City, State ZIP:

575-396-2378

Email: Email Results to PM@etechenv.com + Client

Project Manager:

Joel Lowry

Company Name:

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

509-3334	Work Order No: USS 2
	538

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) Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Reli	ime	Date/Time		Received by: (Signature)	Received b	1	ignature	Relinquished by: (Signature)
	nd contantors and the control egotiated.	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.	e clent if such	urned by the	s or expenses inc ted to Xenco, but	hility for any losse ch sample submit	e any responsit irge of \$5 for ea	d shall not assun project and a ch	cost of samples an be applied to each	only for the f \$75.00 will	of service. Xenco will be liable of Xenco. A minimum charge o
1631 / 245.1 / /4/0 / 7471 : Hg		Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affiliates and subconfraction. It assesses standard from and conductions.	tes and subco	o He affilla	company to Xence	order from client	valid purchase	ples constitutes a	rquishment of sam	ent and reli	Notice: Signature of this docum
Sr TI Sn U V Zn	Ni K Se Ag SiO	- 0 1	B Cd Ca	Ba Be	⊳ ≽	BRCRA 13PPM Texas 11 AI	CIP/SPI	8	200.8 / 6020: Metal(s) to be ans) 200 and Meta	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed
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Sample Comments			трн тх	ВТЕХ 8	Number Code Chlorid	Depth	Time Sampled	- 1275 (1275)	⊋	cation	Sample Identification
lab, if received by 4:30pm		-					ers:	Total Containers:	No N/A	Yes	Sample Custody Seals:
TAT starts the day recoving but he				d Ev			ctor:	Correction Factor:	No N/A	Yes	Cooler Custody Seals:
Zn Acetate+ NaOH: Zn	Z				ntai				Yes No		Received Intact:
MeOH: Me	X				ner	D	Thermometer ID				Temperature (°C):
NaOH: Na					s/Pr	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
None: NO					ese						PO#
HCL: HC	Ţ			*****	rvat	ate:	Due Date:	۶	P	Eric	Sampler's Name:
H2S04: H2				'	ive		Rush:		County	Lea	Project Location (
HNO3: HN	=					ē.	Routine:		56	107	Project Number:
Preservative Codes		ANALYSIS REQUEST				Turn Around	Tur		40	errang	Project Name:

Reporting:Level I Level I PST/UST TRRI Level I

Deliverables: EDD

ADaPT 🗆

Other:

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

www.xenco.com

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State of Project:



Joel Lowry

City, State ZIP: Address: Company Name:

575-396-2378 Lovington, NM, 88260

Email: Email Results to PM@etecheny.com + Client

Deliverables: EDD

ADaPT 🗆

Other:

Reporting:Level I Level I PST/UST TRR Level I

3100 Plains Highway Etech Environmental & Safety

Address:

City, State ZIP:

Bill to: (if different)

Company Name:

Work Order Comments

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State of Project:

Chain of Custody

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

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Revised Date 101419 Rev. 2019.1			
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nature) Date/Time	a/Time	quished by: (Signature) Rece	1
	ses or expenses incurred by the client if such losses are due to circumstances beyond the control mitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	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.	of Se
	nt company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	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	Notic
1245.1 / 7470 /	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA	
Ag SiO2 Na Sr Ti Sn ∪ V Zn	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI	
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Sample Comments	Number Code Chlorid BTEX 8 TPH MC	Sample Identification Matrix Sampled Sampled Depth	
lab, if received by 4:30pm	e E3	Sample Custody Seals: Yes No N/A Total Containers:	San
TAT starts the day recovered by the	00	Cooler Custody Seals: Yes No N/A Correction Factor:	ပ္ပ
Zn Acetate+ NaOH: Zn		Received Intact: Yes No	Re
MeOH: Me	liner	Thermometer ID	Ten
NaOH: Na	s/Pr	SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No	s
None: NO	ese	PO#:	8
HCL: HL	l reval	Sampler's Name: E Moj Due Date:	San
H2S04: H2	ive	Project Location Les County Rush:	Pro
HNO3: HN		Project Number: 107 8 6 Routine:	Pro
Preservative Codes	ANALYSIS REQUEST	Project Name: Je (CAA)	Pro



Address:
City, State ZIP:

ovington, NM, 88260

575-396-2378

Email: Email Results to PM@etechenv.com + Client

City, State ZIP:

Reporting:Level I Level I PST/UST TRR Level I

ADaPT

Other:

Deliverables: EDD

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

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State of Project:

Bill to: (if different)
Company Name:

DOCK,

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Address:

Project Manager:
Company Name:

Joel Lowry

Etech Environmental & Safety
3100 Plains Highway

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, Carisbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Deiray Beach, FL (561) 689-6701 Atlanta, GA (770) 449-8800

Work Order No:	
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Project Name: Serring	Turn Around		ANALYSIS REQUEST	Preservative Codes
Project Number: 10786	Routine: 🗹			HNO3: HN
Project Location Lea County	Rush:	ve		H2S04: H2
ler's Name: Eric	Due Date:	rvati		HCL: HL
PO#		ese		None: NO
SAMPLE RECEIPT Temp Blank:	ank: Yes No Wetice: Yes No	i/Pro		NaOH: Na
Temperature (°C):	= [ners		MeOH: Me
Received Intact: Yes No				Zn Acetate+ NaOH: Zn
Seals: Ye	/A Correction Factor:	0		Ell Frederice (Mach. Ell
:: Yes No	Ш	E30	005	TAT starts the day recevied by the lab, if received by 4:30pm
Sample Identification Matrix	rix Date Time Depth	umbe ode nioride	H TX1	Sample Comments
# /3/	3.1.20	, O	1	
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# 133	3.9-20 Suit	<		
/:	3-9-20	~		
# 135		<		
# 136	3.9.20	<u> </u>		
	3.9.20	~		
# 138	3.9.20	<_		
# 139	3.9.20	1		
# 140	3.9.20 S., F.			
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	analyzed TCLP / SPLP 6010: 8RCRA Sb	11 Al Sb As Ba Be RCRA Sb As Ba Be	B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO: Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	2 Na Sr TI Sn U V Zn 1631 / 245.1 / 7470 / 7471 : Hg
Notice: Signature of this document and relinquishment of of service. Xenco will be liable only for the cost of sample of Xenco. A minimum charge of \$75.00 will be applied to	f samples constitutes a valid purchase order from cil- les and shall not assume any responsibility for any lo- each project and a charge of \$5 for each sample sut	ent company to Xenco, its affiliateses or expenses incurred by the malare of the malar	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. In this participant where remaining the project and a charge of \$5 for each sample submitted to Xenco. In this participant where remaining the participant is a service of the participant is a service of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. In the participant is a service of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. In the participant is a service of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. In the participant is a service of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. In the participant is a service of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco.	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature) A Received by: (Signature)	ure) Date/Time
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				Revised Date 101419 Rev. 2019.1

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City, State ZIP:

575-396-2378

Email: Email Results to PM@etechenv.com + Client

Deliverables: EDD

Address: City, State ZIP:

Company Name:
Address:

Etech Environmental & Safety
3100 Plains Highway

ovington, NM, 88260

Project Manager:

Joel Lowry

Bill to: (if different)
Company Name:

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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: USS3

Project Number 10 7 8 6		o,					
eived by: (Signature)		28	3.10.20/	darle	1 1	No	in fort
X Se Ag SiO2 Na 1631		Relinquished by: (Signature) M Received	Date/Time	Signature)	Received by: (ature)	Kelinquished by: (Sign
X Se Ag SiO2 Na Z Z I I I		animates and Succontractors. It assigns standard terms and conditions by the client if such losses are due to circumstances beyond the control analyzed. These terms will be enforced unless previously negotiated.	s or expenses incurred led to Xenco, but not	ny responsibility for any losse of \$5 for each sample submit	and shall not assume ar ach project and a charge	for the cost of samples .00 will be applied to ea	ervice. Xenco will be liable only anco. A minimum charge of \$75
0 7 8 6 Routine: Rush:	1631 / 245.1 / 7470 / 7471 : Hg	a Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U	AS DE	d purchase order from client	amples constitutes a val	and relinquishment of s	e: Signature of this document a
0 7 8 6 Routine: Rush:	SiO	Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se	> ≥	A 13PPM Texas 1	%	200.8 / 6020: Metal(s) to be a	Circle Method(s) and
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10 7 8 6			<	Surf	3.9.20	ب	
10 7 8 6 Routine: Routine:			\ 	Surf	3.9.20	بر	
Can County Routine: Routine: Rush: R				Suf	3-7-20	,,,,,,	_
Routine: Routine:	Sample Comments		Code		Sampled		Sample Identificati
ANALYSIS REQUEST	TAT starts the day recevied by the lab, if received by 4:30pm		de E3		Total Containe	_ F	inpre Custody Sears:
10 7 8 6	Zn Acetate+ NaOH: Zn	d Ex		or:		8	Cooler Custody Seals:
10 7 8 6 Routine:	MeOH: Me	t	ntaiı			1	Received Intact:
Number: 10 7 8 6 Routine:	NaOH: Na		ners				Temperature (°C):
It Number: JQ 7 8 b Routine: Image: Ima	None: NO		/Pre	Ύes	Yes	Temp Bla	SAMPLE RECEIPT
10 7 8 b Routine:	HCL: HL		serv	Dac Date.			
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	Preservative Codes	ANALTSIS REQUES				1810	

Program: UST/PST ☐PRP ☐ Brownfields ☐RRC ☐ Superfund ☐

Work Order Comments

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State of Project:

Reporting:Level I Level I PST/JS*☐ TRRI☐ Level I

Other:



Company Name: Project Manager:

Etech Environmental & Safety

Company Name: Bill to: (if different)

Work Order Comments

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Joel Lowry

Chain of Custody

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

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Atlanta GA (770) 449-8800	Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701	Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900	Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

City. State ZIP: Lovingto			PO 47/2017/2018/2019/98/2017				_
(Jacquiller Jacq	Lovington, NM, 88260		City, State ZIP	. ,	Repo	Reporting:Level I Level I PST/US TRRI Level I	रक्षि Level । ☐
Phone: 575-396-2378	6-2378		Email: Email Res	Email: Email Results to PM@etechenv.com + Client		Deliverables: EDD ☐ ADaPT ☐	Other:
Project Name: Seccion	,>>		Turn Around		ANALYSIS REQUEST	Pre	Preservative Codes
97:	86		Routine:	3,678		HNO3: HN	Ź
Project Location Le	County		Rush:	ive		H2S04: H2	
Sampler's Name: E , ; ¿	· Marica		Due Date:	rvat		HCL: HL	i
				eser		None. NO	
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet ice: Yes No	s/Pre		Na OH: Na	
Temperature (°C):			Thermometer ID	ners		MeOH: Me	1
Received Intact:	Yes No					Zn Acetal	Zn Acetate+ NaOH: Zn
Cooler Custody Seals:	Yes No N/A	Correction Factor:		00			
Sample Custody Seals:	No N/A	Total Containers:	:	E30		IAI Star	lab, if received by 4:30pm
Sample Identification	ר Matrix	Date 1 Sampled Sa	Time Depth	Number Code Chloride STEX 80	грн тх	Sai	Sample Comments
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# 157	ل م	3.9.20	5,,2	<u> </u>			
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# 160	رى ك	3. 9. 20	Sv, f.	√			
Total 200.7 / 6010 2	200.8 / 6020:	8RCRA	A 13PPM Texas 11	11 Al Sb As Ba Be B	Cd Ca Cr Co Cu Fe P	b Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn	Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	fetal(s) to be ana	ilyzed TCL	TCLP / SPLP 6010: 8RCRA	≀CRA Sb As Ba Be	Cd Cr Co Cu Pb Mn Mo Ni Se Ag		1631 / 245.1 / 7470 / 7471 : Hg
Notice: Signature of this document and of service. Xenco will be liable only for	relinquishment of sam	ples constitutes a vail d shall not assume ar	ld purchase order from cile ny responsibility for any los	nt company to Xenco, its affiliat ses or expenses incurred by the	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 service.	s and conditions syond the control	
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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900 Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

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

Atlanta, GA (770) 449-8800

Work Order No: USS 398

Project Manager: Joel Lowry		Bill to: (if different)	P.11 F	www.xenco.com Page // of //
	Etech Environmental & Safety	Company Name:	C.a. N 1 M. 1	Work Order Comments
Address: 3100 Plains Highway	lighway	Address:	Cerm	State of Broingt
City, State ZIP: Lovington, NM, 88260	л, 88260	City, State ZIP	P	
Phone: 575-396-2378		Email: Email Res	Email: Email Results to PM@etechenv.com + Client	Deliverables: EDD ADapt Other
Project Name: Secreta		Turn Around	ANAL VSIC BEOL	
Project Number: 078/		Routine:		Preservative Codes
les Co	() \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_l.	/e	HNO3: HN
: E , : c	Mossics	Due Date:	rativ	H2S04: H2
		Pao Paic.	serv	HCL: HL
SAMPLE RECEIPT Te	Temp Blank: Yes No W	Wet Ice-I Yes No	Pres	None: NO
Temperature (°C):		5 [}	ers/	NaOH: Na
Received Intact: Yes	No No		tain	MeOH: Me
Cooler Custody Seals: Yes N	No N/A Correction Factor:)	Zn Acetate+ NaOH: Zn
1 1	N/A		E300	TAT starts the day received by the
Sample Identification	Matrix Date Time Sampled Sampled	ne Depth	Numbe Code Chlorido BTEX 80 TPH Mo	Sample Comments
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# 162	5 3.9.20	5,,7.		
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	5 3.9.20	S, , f.		
# 165	5 3.9.20	Suff	<	
Ш				
Circle Method(s) and Metal(s) to be analyzed	6020: 8RCRA to be analyzed TCLP	RCRA 13PPM Texas 11 A	1 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb CRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo N	K Se Ag SiO2 Na Sr Tl Sn U V
otice: Signature of this document and relinquish	hment of samples constitutes a valid p	urchase order from clien	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assume standard from said on the	M forms 103 1 / 243.1 / 14/0 / /4/1 : Hg
Xenco. A minimum charge of \$75.00 will be app	of samples and shall not assume any r pplied to each project and a charge of :	esponsibility for any loss 55 for each sample subm	of Xenro. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenro. Dut not analyzed. These terms will be enforced unless previously negotiated.	ard series and conditions ances beyond the control reviously negotiated.
Relinquished by: (Signature)	Received by: (Signature)	gnature)	Date/Time Relinquished by: (Signature)	ture) \ \ Received by: (Signature) Date/Time
25	leves time want	Harrey	3.10.20/ 2 Teresa Armandaras	

Work Order #: 655398

Analyst:

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I

Date/ Time Received: 03.12.2020 12.00.00 AM

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used: R9

	Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?		1.3	
#2 *Shipping container in good condition?		Yes	
#3 *Samples received on ice?		Yes	
#4 *Custody Seals intact on shipping conta	iner/ cooler?	N/A	
#5 Custody Seals intact on sample bottles?	?	N/A	
#6*Custody Seals Signed and dated?		Yes	
#7 *Chain of Custody present?		Yes	
#8 Any missing/extra samples?		No	
#9 Chain of Custody signed when relinquis	hed/ received?	Yes	
#10 Chain of Custody agrees with sample	labels/matrix?	Yes	
#11 Container label(s) legible and intact?		Yes	
#12 Samples in proper container/ bottle?		Yes	
#13 Samples properly preserved?		Yes	
#14 Sample container(s) intact?		Yes	
#15 Sufficient sample amount for indicated	test(s)?	Yes	
#16 All samples received within hold time?		Yes	
#17 Subcontract of sample(s)?		N/A	
#18 Water VOC samples have zero heads	pace?	N/A	

* Must be completed for aft	er-hours delivery of	f samples prior to	placing in the refrigerator

	200	
Checklist completed by:	Barne teal	Date: 03.12.2020
	Brianna Teel	

PH Device/Lot#:

Checklist reviewed by: Date: 03.16.2020 Appendix D Photographic Log

Photo Number:

1

Photo Direction:

South

Photo Description:

View of Surface Staining from the Initial Release



Photo Number:

2

Photo Direction:

East

Photo Description:

View of Surface Staining from the Initial Release



Photo Number:

3

Photo Direction:

Northeast

Photo Description:

View of Surface Staining from the Initial Release and initial surface scrape



Photo Number:

4

Photo Direction:

North

Photo Description:

View of Surface Staining from the Initial Release



Dates: 3/17/2020

Photo Number:
5
Photo Direction:
Southeast
Photo Description:

View of site from entrance road.



Dates: 3/17/2020

Photo Number:

7

Photo Direction:

West

Photo Description:



West and center of pad showing storage tanks.

Photo Number:

8

Photo Direction:

North

Photo Description:

Southeastern corner of pad.

