

Incident ID	nAPP2206640765
District RP	
Facility ID	fAPP2202572569
Application ID	

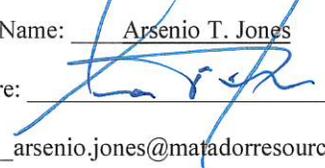
Closure

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.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist
 Signature:  Date: 5/18/2022
 email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only

Received by: Robert Hamlet Date: 10/25/2022

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: Robert Hamlet Date: 10/25/2022
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The volume of release >25 bbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notification was provided to the NMOCD on 03/07/2022 by Arsenio Jones of Matador (online).	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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Printed Name: <u>Arsenio T. Jones</u> Title: <u>Regulatory, Environmental and Safety Specialist</u> Signature:  Date: <u>3/8/2022</u> email: <u>arsenio.jones@matadorresources.com</u> Telephone: <u>575-361-4333</u>
OCD Only Received by: <u>Jocelyn Harimon</u> Date: <u>03/14/2022</u>

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	90 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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Printed Name: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist

Signature:  Date: 3/8/2022

email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

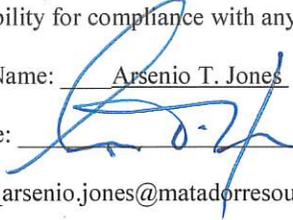
- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist

Signature:  Date: 5/18/2022

email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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Printed Name: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist
 Signature: *[Signature]* Date: 5/18/2022
 email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only

Received by: _____ Date: _____

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

State of New Mexico
Energy Minerals and Natural
Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

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Release Notification

Responsible Party

Responsible Party: Matador Production Company	OGRID: 228937
Contact Name: Arsenio T. Jones	Contact Telephone: 575-361-4333
Contact email: arsenio.jones@matadorresources.com	Incident # (assigned by OCD): nAPP2206640765
Contact mailing address: One Lincoln Centre Dallas, TX 75240	

Location of Release Source

Latitude 32.533 Longitude -104.087587 (location of source)
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Ted Paup Tank Battery	Site Type: CTB
Date Release Discovered: 03/07/2022	API# (if applicable) [fAPP2202572569]

Unit Letter	Section	Township	Range	County
E	33	20S	29E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 819	Volume Recovered (bbls) 260
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Fire and is under investigation



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Closure Report

Ted Paup Tank Battery
Eddy, New Mexico
Incident # nAPP2206640765
E-33-20S-29E

Prepared For:

Matador Production Company
One Lincoln Center
Dallas, TX 75240

Prepared By:

Talon/LPE
408 W. Texas Avenue
Artesia, New Mexico 88210

May 18, 2022

Mr. Rob Hamlet
NMOCD
Artesia, NM

Subject: **Closure Report**
Ted Paup Tank Battery
Eddy County, New Mexico
Incident # nAPP2206640765

Dear Mr. Hamlet,

Matador Production Company contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remedial actions and closure request is presented herein.

Site Information

The Ted Paup Tank Battery is located approximately thirteen (13) miles northeast of Carlsbad, New Mexico. The legal description for the site of the release is Unit Letter E, Section 33, Township 20 South and Range 29 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.533 and -104.087587. A Site Location Map is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Reeves-Gypsum Complex, with 0 to 3 percent slopes. The referenced soil data is presented in [Appendix II](#). Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of the Ogallala Formation, lower Pliocene to Middle Miocene in age, and comprised of calcareous eolian deposits derived from sedimentary rock. The soil characterization for this site contains a certain level of natural salinity (2.0 to 8.0 mmhos/cm). Drainage courses in this area are typically well drained.

Groundwater and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 90 feet below ground surface (bgs). See [Appendix II](#) for the referenced groundwater depth. Further research of the Bureau of Land Management Karst data indicates that this site is situated within a potentially critical Karst area.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred in an area where the groundwater is less than 50 feet bgs, Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 NMAC.

Approximate Depth to Groundwater 90 Feet/bgs

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 200 feet of any lakebed, sinkhole or a playa lake
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 1000 feet of any freshwater well or spring
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet of a wetland
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within the area overlying a subsurface mine
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Within an unstable area
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within a 100-year floodplain

Because the release occurred on a site that is situated in a potentially critical karst area, the clean-up criteria for the upper 4 feet of this site per NMAC 19.15.29.13.D is as follows:

Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On March 03, 2022 Matador personnel were notified of a fire at this facility. Approximately 819 bbls of fluid were displaced. Approximately 260 bbls were recovered. The fire department was dispatched and utilized water as the flame retardant. A considerable amount of crude was consumed in the fire. Talon was contracted to assess this site. Matador submitted a spill notification and subsequent C-141 to the NMOCD that assigned this incident no. **nAPP2206640765**. The C-141 is attached in Appendix V. The site map is presented in [Appendix I](#).

Site Assessment

On March 4, and March 10, 2022, respectively Talon mobilized personnel to the site to conduct an initial site assessment. The site safety walks were conducted with Matador personnel. Matador requested that proactive measures be taken for overspray areas. Talon immediately dispatched equipment for application of Micro-blaze®, a bio remediation treatment for soil impacted from petroleum hydrocarbons. It was also requested the remediation commence immediately for the areas not restricted by infrastructure and within the confines of safety protocol. The entire impacted area was mapped utilizing a handheld Trimble mapping device, photographed and soil sampling commenced utilizing a hand auger. All soil samples were properly packaged, preserved, and transported to Cardinal Laboratories via chain of custody for analysis of Total Chlorides (CI Method SM4500CI-B), TPH (Total Petroleum Hydrocarbons EPA Method 8015M), and BTEX (Benzene, Toluene, Ethylbenzene, and Xylenes EPA Method 8021B). Sample locations are shown on the attached Figure 1 ([Appendix I](#)), and the results of our sampling event are presented on the following data table.

Table I
03/14/2022 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chlorides
NMOCD Table 1 Closure Criteria 19.15.29			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100			100 mg/kg	600 mg/kg
S-1	3/4/2022	0-1'	254	1.44	4300	8510	1170	13980	816
	3/4/2022	2'	5.35	ND	125	456	107	688	192
S-2	3/4/2022	0-1' R	31	0.063	861	4570	893	6324	320
S-3	3/4/2022	0-0.5' R	58.9	ND	1830	9580	1340	12750	128
S-4	3/4/2022	0-1'	13.5	ND	528	2440	677	3645	128
	3/4/2022	2'	0.704	ND	40.6	359	157	556.6	64
S-5	3/4/2022	0-1'	50.6	ND	1370	5290	1170	7830	240
	3/4/2022	2'	19.1	ND	515	2520	2070	5105	80
S-6	3/10/2022	0-1'	ND	ND	ND	ND	ND	-	16
S-7	3/10/2022	0-1'	ND	ND	ND	157	21.3	178.3	32
S-8	3/10/2022	0-1'	ND	ND	ND	27.4	ND	27.4	32
S-9	3/10/2022	0-1'	ND	ND	ND	ND	ND	-	80
S-10	3/10/2022	0-1'	ND	ND	ND	168	30.7	198.7	1720
S-11	3/10/2022	4'	ND	ND	ND	ND	ND	-	48
S-12	3/10/2022	2'	ND	ND	ND	11.7	ND	11.7	96
S-13	3/10/2022	2'	ND	ND	ND	29.7	ND	29.7	320
S-14	3/10/2022	4'	34.1	0.576	654	1570	161	2385	752
S-15	3/10/2022	4'	0.322	ND	14.4	372	53.2	439.6	320
S-16	3/10/2022	2'	ND	ND	ND	69.8	18.7	88.5	112
S-17	3/10/2022	4'	ND	ND	ND	50.1	13.4	63.5	128
S-18	3/10/2022	4'	ND	ND	ND	52.2	11.1	63.3	160
S-19	3/10/2022	0-1'	ND	ND	ND	533	266	799	48
S-20	3/10/2022	2' R	0.881	ND	28.1	357	58.7	443.8	368
S-21	3/10/2022	4'	ND	ND	ND	75.4	13.2	88.6	144
S-22	3/10/2022	2' R	0.651	0.077	ND	95.4	12.9	108.3	64
S-23	3/10/2022	0-0.5' R	521	19.9	10100	17300	1940	29340	1810
BG-1	3/10/2022	0'	ND	ND	ND	ND	ND	-	112
BG-2	3/10/2022	0'	ND	ND	ND	38.7	ND	38.7	128
BG-3	3/10/2022	0'	ND	ND	ND	76.4	ND	76.4	144
BG-4	3/10/2022	0'	ND	ND	ND	ND	ND	-	64
BG-5	3/10/2022	0'	ND	ND	ND	61.5	ND	61.5	48
BG-6	3/10/2022	0'	ND	ND	ND	79.5	ND	79.5	48

ND=Analyte Not Detected BG=Background Sample R=Auger Refusal
Full Laboratory Report is referenced in [Appendix IV](#)

On March 16, Through April 18, 2022, Talon personnel together with equipment and personnel from Pecos River Oilfield services mobilized to the Ted Paup Battery in order to commence with remediation and excavation of the impacted area located on the northwest quadrant of the pad area. Talon personnel guided the clean-up efforts with field titration data. The northwest quadrant was excavated from depths of 1.5 feet to 6 feet in depth bgs. All soil samples were collected, contained, preserved, and transported to Cardinal Laboratories for analysis of Total Chlorides, TPH, and BTEX. The samples positions are documented on Figure 2 in [Appendix I](#) of the site maps. The results of this confirmation sampling event are tabulated below.

Table II
03/14/2022 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-7A	3/16/2022	1.5'	ND	ND	ND	ND	ND	-	48
S-5A	4/8/2022	5'	ND	ND	ND	24.4	ND	24.4	80
S-114A	4/9/2022	2'	ND	ND	ND	16.2	ND	16.2	48
S-115A	4/9/2022	2'	ND	ND	ND	10.6	ND	10.6	48
S-116A	4/9/2022	4'	ND	ND	ND	12.4	ND	12.4	48
S-117A	4/9/2022	4'	ND	ND	ND	11.6	ND	11.6	48
S-118A	4/9/2022	4'	ND	ND	ND	70.5	ND	70.5	48
S-119A	4/9/2022	4'	ND	ND	ND	89.4	12.9	102.3	32
S-119B	4/12/2022	5'	ND	ND	ND	ND	ND	-	32
S-120A	4/9/2022	4'	ND	ND	ND	173	52.4	225.4	128
S-120B	4/12/2022	5'	ND	ND	ND	64.9	11.7	76.6	32
S-121A	4/9/2022	4'	ND	ND	ND	176	54.6	230.6	112
S-121B	4/12/2022	5'	ND	ND	ND	ND	ND	-	16
S-124A	4/9/2022	3'	ND	ND	ND	38.7	13.4	52.1	160
S-127A	4/11/2022	4.5'	ND	ND	ND	ND	ND	-	48
S-1A	4/13/2022	4'	ND	ND	ND	98.1	29.9	128	400
S-1B	4/18/2022	5'	ND	ND	ND	ND	ND	-	80
S-2A	4/13/2022	4'	ND	ND	ND	20.4	ND	20.4	96
S-3A	4/13/2022	4'	ND	ND	ND	18.7	ND	18.7	128
S-4A	4/13/2022	4'	ND	ND	ND	17.7	ND	17.7	32
S-152A	4/13/2022	4'	ND	ND	ND	ND	ND	-	112
S-153A	4/13/2022	4'	ND	ND	ND	ND	ND	-	48
S-154A	4/13/2022	4'	ND	ND	ND	ND	ND	-	160
S-155A	4/13/2022	4'	ND	ND	ND	ND	ND	-	96
S-156A	4/13/2022	4'	ND	ND	ND	569	272	841	192
S-156B	4/18/2022	6'	ND	ND	ND	ND	ND	-	96
S-157A	4/13/2022	4'	ND	ND	ND	134	57.1	191.1	64
S-157B	4/18/2022	5'	ND	ND	ND	14	ND	14	96
S-159A	4/13/2022	4'	ND	ND	ND	105	39.8	144.8	64
S-159B	4/18/2022	5'	ND	ND	ND	ND	ND	-	32
N.SW-3	4/13/2022	4'	ND	ND	ND	ND	ND	-	128
N.SW-4	4/13/2022	2'	ND	ND	ND	ND	ND	-	144
W.SW-7	4/13/2022	0-1'	ND	ND	ND	363	78.5	441.5	96
W.SW-7A	4/18/2022	4'	ND	ND	ND	17	ND	17	80
W.SW-8	4/13/2022	5'	ND	ND	ND	ND	ND	-	336

ND=Analyte Not Detected

See Appendix IV for the complete report of laboratory results.

On March 24 through April 14, 2022, respectively Talon personnel together with personnel and equipment from Pecos River Oilfield Services mobilized to the Ted Paup Battery in order to commence with remediation efforts of the northeast and southeast quadrants of the pad area. Talon personnel guided the excavation utilizing field titration data. These areas were confirmation sampled on a five-point composite basis. The composite sample positions are referenced on Figures 3 and 4 (Appendix I). All soil samples were properly contained, preserved, and transported to Cardinal Laboratories for analysis of Total Chlorides, TPH, and BTEX. The results of the confirmation sampling are tabulated below.

Table II
03/25/2022 03/28/2022 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg		100 mg/kg	600 mg/kg	
S-10A	3/24/2022	2'	ND	ND	ND	ND	ND	-	208
S-12A	3/24/2022	2'	ND	ND	ND	20.6	ND	20.6	512
S-13A	3/24/2022	3'	ND	ND	ND	ND	ND	-	80
S-15A	4/14/2022	4.5'	ND	ND	ND	ND	ND	-	32
S-16A	3/24/2022	2'	ND	ND	ND	78.8	25.4	104.2	336
S-16B	3/28/2022	3'	ND	ND	ND	ND	ND	-	352
S-18A	3/24/2022	3'	ND	ND	ND	44.3	ND	44.3	208
S-19A	3/24/2022	2'	ND	ND	ND	227	55	282	704
S-19B	3/28/2022	3'	ND	ND	ND	ND	ND	-	64
S-24A	3/24/2022	2'	ND	ND	ND	ND	ND	-	240
S-25A	3/24/2022	2'	ND	ND	ND	41.8	13.6	55.4	272
S-26A	3/24/2022	2'	ND	ND	ND	30.9	ND	30.9	224
S-27A	3/24/2022	2'	ND	ND	ND	21.7	ND	21.7	112
S-28A	3/24/2022	2'	ND	ND	ND	55.3	19.5	74.8	288
S-29A	3/24/2022	2'	ND	ND	ND	27.8	ND	27.8	336
S-30A	3/24/2022	2'	ND	ND	ND	ND	ND	-	384
S-31A	3/24/2022	2'	ND	ND	ND	11.3	ND	11.3	544
S-32A	3/24/2022	2'	ND	ND	ND	ND	ND	-	464
S-33A	3/24/2022	3'	ND	ND	ND	ND	ND	-	48
S-34A	3/24/2022	3'	ND	ND	ND	ND	ND	-	96
S-35A	3/24/2022	3'	ND	ND	ND	ND	ND	-	128
S-36A	3/24/2022	3'	ND	ND	ND	ND	ND	-	80
S-37A	3/24/2022	2'	ND	ND	ND	14.5	ND	14.5	128
S-38A	3/24/2022	3'	ND	ND	ND	ND	ND	-	128
S-39A	3/24/2022	2'	ND	ND	ND	36.7	ND	36.7	400
S-40A	3/24/2022	3'	ND	ND	ND	ND	ND	-	144
S-41A	3/24/2022	3'	ND	ND	ND	31.4	ND	31.4	176
S-42A	3/24/2022	3'	ND	ND	ND	ND	ND	-	112
S-43A	3/24/2022	2'	ND	ND	ND	26.5	ND	26.5	384
S-44A	3/24/2022	3'	ND	ND	ND	ND	ND	-	112
S-45A	3/24/2022	2'	ND	ND	ND	64.4	11.6	76	352
S-46A	3/24/2022	2'	ND	ND	ND	211	66.8	277.8	448
S-46B	3/25/2022	3'	ND	ND	ND	ND	ND	-	32
S-47A	3/24/2022	3'	ND	ND	ND	23.6	ND	23.6	112
S-48A	3/24/2022	3'	ND	ND	ND	ND	ND	-	80
S-49A	3/24/2022	2'	ND	ND	ND	ND	ND	-	240
S-50A	3/24/2022	3'	ND	ND	ND	ND	ND	-	80
S-51A	3/24/2022	2'	ND	ND	ND	ND	ND	-	80
S-52A	3/24/2022	2'	ND	ND	ND	38.8	ND	38.8	320
S-53A	3/24/2022	2'	ND	ND	ND	34.2	ND	34.2	160

ND=Analyte Not Detected

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-54A	3/24/2022	3'	ND	ND	ND	21.8	ND	21.8	112
S-55A	3/24/2022	3'	ND	ND	ND	67.2	ND	67.2	176
S-56A	3/24/2022	3'	ND	ND	ND	44.3	ND	44.3	192
S-57A	3/24/2022	2'	ND	ND	ND	77.5	13.9	91.4	240
S-58A	3/24/2022	2'	ND	ND	ND	59.1	13.3	72.4	400
S-59A	3/24/2022	3'	ND	ND	ND	ND	ND	-	80
S-60A	3/24/2022	3'	ND	ND	ND	ND	ND	-	96
S-61A	3/24/2022	3'	ND	ND	ND	ND	ND	-	96
S-62A	3/24/2022	2'	ND	ND	ND	26.8	ND	26.8	160
S-63A	3/24/2022	2'	ND	ND	ND	ND	ND	-	64
S-64A	3/24/2022	2'	ND	ND	ND	ND	ND	-	96
S-65A	3/24/2022	2'	ND	ND	ND	49.7	10.7	60.4	128
S-66A	3/24/2022	3'	ND	ND	ND	ND	ND	-	96
S-67A	3/24/2022	2'	ND	ND	ND	32.1	ND	32.1	96
S-68A	3/24/2022	2'	ND	ND	ND	92.6	30.7	123.3	512
S-68B	3/28/2022	3'	ND	ND	ND	ND	ND	-	80
S-69A	3/24/2022	2'	ND	ND	ND	108	40.3	148.3	544
S-69B	3/28/2022	3'	ND	ND	ND	ND	ND	-	144
S-70A	3/24/2022	2'	ND	ND	ND	73	35.6	108.6	160
S-70B	3/28/2022	3'	ND	ND	ND	ND	ND	-	112
S-71A	3/24/2022	2'	ND	ND	ND	87.4	37.3	124.7	528
S-71B	3/28/2022	3'	ND	ND	ND	ND	ND	-	96
S-72A	3/24/2022	3'	ND	ND	ND	ND	ND	-	32
S-73A	3/24/2022	2'	ND	ND	ND	23.3	ND	23.3	112
S-74A	3/24/2022	2'	ND	ND	ND	75	25.1	100.1	208
S-74B	3/28/2022	3'	ND	ND	ND	19	ND	19	240
S-75A	3/24/2022	2'	ND	ND	ND	17.2	ND	17.2	176
S-76A	3/24/2022	2'	ND	ND	ND	53.2	18.1	71.3	304
S-77A	3/24/2022	2'	ND	ND	ND	70.5	42	112.5	160
S-77B	3/28/2022	3'	ND	ND	ND	ND	ND	-	160
S-78A	3/24/2022	3'	ND	ND	ND	ND	ND	-	64
S-79A	3/24/2022	2'	ND	ND	ND	36.5	13.2	49.7	240
S-80A	3/24/2022	2'	ND	ND	ND	84.9	32.4	117.3	224
S-80B	3/28/2022	3'	ND	ND	ND	14.8	ND	14.8	96
S-81A	3/24/2022	3'	ND	ND	ND	ND	ND	-	96
S-82A	3/24/2022	2'	ND	ND	ND	ND	ND	-	96
S-83A	3/24/2022	2'	ND	ND	ND	ND	ND	-	128
S-84A	3/24/2022	2'	ND	ND	ND	33.9	ND	33.9	208
S-85A	3/24/2022	3'	ND	ND	ND	24.3	ND	24.3	240
S-86A	3/24/2022	2'	ND	ND	ND	16.7	ND	16.7	96
S-87A	3/24/2022	2'	ND	ND	ND	79.5	29.6	109.1	272
S-87B	3/28/2022	3'	ND	ND	ND	ND	ND	-	96
S-88A	3/24/2022	2'	ND	ND	ND	ND	ND	-	64
S-89A	3/24/2022	2'	ND	ND	ND	ND	ND	-	64
S-90A	3/25/2022	2'	ND	ND	ND	ND	ND	-	64
S-91A	3/25/2022	2'	ND	ND	ND	33.1	ND	33.1	112
S-92A	3/25/2022	2'	ND	ND	ND	22.8	ND	22.8	160
S-93A	3/25/2022	2'	ND	ND	ND	20.9	ND	20.9	240

ND=Analyte Not Detected

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-94A	3/25/2022	2'	ND	ND	ND	31.9	ND	31.9	272
S-95A	3/25/2022	2'	ND	ND	ND	42.6	ND	42.6	288
S-96A	3/25/2022	2'	ND	ND	ND	ND	ND	-	128
S-97A	3/25/2022	2'	ND	ND	ND	ND	ND	-	80
S-98A	3/25/2022	2'	ND	ND	ND	ND	ND	-	16
S-99A	3/25/2022	2'	ND	ND	ND	ND	ND	-	80
E.SW-1	3/24/2022	2'	ND	ND	ND	ND	ND	-	80
E.SW-2	3/24/2022	2'	ND	ND	ND	ND	ND	-	112
E.SW-3	3/25/2022	2'	ND	ND	ND	50.6	14	64.6	192
E.SW-4	3/25/2022	2'	ND	ND	ND	ND	ND	-	64
N.SW-1	3/25/2022	2'	ND	ND	ND	ND	ND	-	80
N.SW-2	3/25/2022	2'	ND	ND	ND	ND	ND	-	64
S.SW-1	3/24/2022	2'	ND	ND	ND	14.7	ND	14.7	96
S.SW-2	3/24/2022	2'	ND	ND	ND	ND	ND	-	64

ND=Analyte Not Detected SW=Sidewall Sample

See Appendix IV for the complete report of laboratory results.

On April 08, 2022 Talon personnel returned to the Ted Paup Battery for the final assessment and confirmation sampling of the southwest quadrant. Work completed by others indicated that the remaining infrastructure of the production facility had been decommissioned and removed for completion of remediation efforts. Talon personnel utilized field titration data to guide the excavation. The final quadrant was excavated from depths of 4 feet bgs to 7 feet bgs. All soil was sampled on a 5-point composite basis without exception. All soil samples were properly contained, preserved, and transported to Cardinal Laboratories via Chain of Custody for analyses of Total Chlorides, TPH, and BTEX. The sample positions are documented on Figure 5. The laboratory results are tabulated below for reference and verification of vertical as well as horizontal remediation efforts completed in accordance with NMAC Table I guidelines.

Table III
04/11/2022 – 04/18/2022 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-21A	4/8/2022	4'	ND	ND	ND	25.2	ND	25.2	80
S-100A	4/8/2022	5'	ND	ND	ND	20.2	ND	20.2	48
S-101A	4/8/2022	5'	ND	ND	ND	ND	ND	-	32
S-102A	4/8/2022	5'	ND	ND	ND	18.4	ND	18.4	48
S-103A	4/8/2022	5'	ND	ND	ND	139	28.3	167.3	112
S-103B	4/11/2022	6'	ND	ND	ND	ND	ND	-	64
S-104A	4/8/2022	5'	ND	ND	ND	21.7	ND	21.7	80
S-105A	4/8/2022	5'	ND	ND	ND	ND	ND	-	80
S-106A	4/8/2022	5'	ND	ND	ND	45.2	ND	45.2	112
S-107A	4/8/2022	4'	ND	ND	ND	ND	ND	-	112
S-108A	4/8/2022	4'	ND	ND	ND	38.8	ND	38.8	160
S-109A	4/8/2022	4'	ND	ND	ND	11.9	ND	11.9	80

ND=Analyte Not Detected

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-110A	4/8/2022	4'	ND	ND	ND	19.4	ND	19.4	80
S-111A	4/8/2022	4'	ND	ND	ND	14.4	ND	14.4	128
S-112A	4/8/2022	4'	ND	ND	ND	30.9	ND	30.9	176
S-113A	4/8/2022	4'	ND	ND	ND	129	34.8	163.8	272
S-113B	4/11/2022	6'	ND	ND	ND	ND	ND	-	112
S-23A	4/11/2022	15'	ND	ND	ND	ND	ND	-	80
S-125A	4/11/2022	4.5'	ND	ND	ND	ND	ND	-	64
S-126A	4/11/2022	4.5'	ND	ND	ND	16.6	ND	16.6	48
S-128A	4/11/2022	15'	ND	ND	ND	17.4	ND	17.4	80
S-129A	4/11/2022	5'	ND	ND	ND	18	ND	18	64
S-130A	4/11/2022	5'	ND	ND	ND	46.7	ND	46.7	112
S-131A	4/11/2022	17'	ND	ND	ND	10.3	ND	10.3	112
S-132A	4/11/2022	15'	ND	ND	ND	25.8	ND	25.8	192
S-133A	4/11/2022	17'	ND	ND	ND	ND	ND	-	96
S-134A	4/11/2022	5'	ND	ND	ND	ND	ND	-	96
S-135A	4/11/2022	5'	ND	ND	ND	ND	ND	-	48
S-136A	4/11/2022	5'	ND	ND	ND	ND	ND	-	64
S-137A	4/11/2022	5'	ND	ND	ND	ND	ND	-	48
S-22A	4/13/2022	5'	ND	ND	ND	ND	ND	-	16
S-122A	4/13/2022	4'	ND	ND	ND	ND	ND	-	ND
S-123A	4/13/2022	4'	ND	ND	ND	ND	ND	-	80
S-138A	4/13/2022	4'	ND	ND	ND	ND	ND	-	32
S-139A	4/13/2022	4'	ND	ND	ND	22.5	ND	22.5	32
S-140A	4/13/2022	4'	ND	ND	ND	ND	ND	-	48
S-141A	4/13/2022	4'	ND	ND	ND	10.7	ND	10.7	ND
S-142A	4/13/2022	8'	ND	ND	ND	14.8	ND	14.8	32
S-143A	4/13/2022	5'	ND	ND	ND	10.8	ND	10.8	64
S-144A	4/13/2022	5'	ND	ND	ND	139	39.3	178.3	112
S-144B	4/18/2022	6'	ND	ND	ND	ND	ND	-	96
S-145A	4/13/2022	5'	ND	ND	ND	80.7	30.6	111.3	112
S-145B	4/18/2022	6'	ND	ND	ND	ND	ND	-	112
S-146A	4/13/2022	5'	ND	ND	ND	158	52.3	210.3	128
S-146B	4/18/2022	6'	ND	ND	ND	ND	ND	-	96
S-147A	4/13/2022	5'	ND	ND	ND	86.1	27.6	113.7	176
S-147B	4/18/2022	6'	ND	ND	ND	ND	ND	-	80
S-148A	4/13/2022	5'	ND	ND	ND	ND	ND	-	160
S-149A	4/13/2022	4'	ND	ND	ND	170	47.1	217.1	192
S-149B	4/18/2022	5'	ND	ND	ND	ND	ND	-	80
S-150A	4/13/2022	4'	ND	ND	ND	320	86.6	406.6	48
S-150B	4/18/2022	6'	ND	ND	ND	ND	ND	-	80
S-151A	4/13/2022	4'	ND	ND	ND	129	39.6	168.6	336
S-151B	4/18/2022	5'	ND	ND	ND	ND	ND	-	96
S-158A	4/13/2022	4'	ND	ND	ND	ND	ND	-	16

ND=Analyte Not Detected

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-14A	4/14/2022	5'	ND	ND	ND	139	101	240	912
S-14B	4/19/2022	5.5'	ND	ND	ND	ND	ND	-	32
S-17A	4/14/2022	4.5'	ND	ND	ND	66.1	ND	66.1	80
S-20A	4/14/2022	4.5'	ND	ND	ND	26.1	ND	26.1	64
S-160A	4/14/2022	6'	ND	ND	ND	239	64.9	303.9	560
S-160B	4/18/2022	7'	ND	ND	ND	ND	ND	-	96
S-161A	4/14/2022	6'	ND	ND	ND	281	75.2	356.2	640
S-161B	4/18/2022	7'	ND	ND	ND	ND	ND	-	112
S-162A	4/14/2022	6'	ND	ND	ND	56.4	15.4	71.8	176
S-163A	4/14/2022	6'	ND	ND	ND	66.6	ND	66.6	112
S-164A	4/14/2022	6'	ND	ND	ND	79.7	11.6	91.3	96
S-165A	4/14/2022	6'	ND	ND	ND	229	53	282	320
S-165B	4/18/2022	7'	ND	ND	ND	ND	ND	-	96
S-166A	4/14/2022	4'	ND	ND	ND	87.1	10.4	97.5	64
S-167A	4/14/2022	4'	ND	ND	ND	62	ND	62	96
S-168A	4/14/2022	4'	ND	ND	ND	22.3	ND	22.3	80
S-169A	4/14/2022	4'	ND	ND	ND	49.7	ND	49.7	128
S-170A	4/14/2022	4'	ND	ND	ND	20.7	ND	20.7	64
S-171A	4/14/2022	4'	ND	ND	ND	29.3	ND	29.3	80
S-172A	4/14/2022	4'	ND	ND	ND	20.2	ND	20.2	96
S-173A	4/14/2022	4'	ND	ND	ND	83.5	ND	83.5	160
S-174A	4/14/2022	4'	ND	ND	ND	94	10.6	104.6	144
S-174B	4/18/2022	5'	ND	ND	ND	ND	ND	-	96
S-175A	4/14/2022	4'	ND	ND	ND	27.5	ND	27.5	112
S-176A	4/14/2022	4'	ND	ND	ND	121	19.1	140.1	176
S-176B	4/18/2022	5'	ND	ND	ND	ND	ND	-	96
S-177A	4/14/2022	4'	ND	ND	ND	37.4	ND	37.4	48
S-178A	4/14/2022	4'	ND	ND	ND	42	ND	42	80
S-179A	4/14/2022	4'	ND	ND	ND	52.6	ND	52.6	112
S-180A	4/14/2022	4'	ND	ND	ND	ND	ND	-	32
S-181A	4/14/2022	4'	ND	ND	ND	ND	ND	-	32
S-182A	4/14/2022	4'	ND	ND	ND	91.4	13.3	104.7	192
S-182B	4/18/2022	5'	ND	ND	ND	ND	ND	-	96
S-183A	4/14/2022	4'	ND	ND	ND	ND	ND	-	80
S.SW-3	4/13/2022	7'	ND	ND	ND	36.9	ND	36.9	48
S.SW-4	4/13/2022		ND	ND	ND	431	105	536	416
S.SW-4A	4/18/2022	5'	ND	ND	ND	26.1	ND	26.1	112
W.SW-1	4/13/2022		ND	ND	ND	112	34.3	146.3	352
W.SW-1A	4/18/2022	5'	ND	ND	ND	15.4	ND	15.4	128
W.SW-2	4/13/2022	8'	ND	ND	ND	ND	ND	-	80
W.SW-3	4/13/2022	5'	ND	ND	ND	ND	ND	-	112
W.SW-4	4/13/2022	4'	ND	ND	ND	ND	ND	-	64
W.SW-5	4/13/2022	6'	ND	ND	ND	ND	ND	-	192
W.SW-6	4/13/2022	4'	0.578	ND	12.4	58	ND	70.4	144

ND = Analyte Not Detected

SW = Sidewall

Remedial Actions

- The Ted Paup Battery was immediately shut in and lock out tag outs secured pursuant to the fire that ensued from the tanks.
- The remediation and excavation activities ensued to all areas exterior to the containment and infrastructure these areas were sectioned off in quadrants and excavated from depths of 2 feet bgs to 4.5 feet bgs and all surface staining removed.
- The final stage of remediation was engaged post the deconstruction of the containment and removal of all lines. The final stage and quadrant of remediation was excavated from depths of 4 feet to 17 feet bgs.
- The overspray areas were treated with Micro blaze® a microbial, bio remedial technique for petroleum hydrocarbon impact.
- Background and sidewall samples were collected and analyzed in order to verify that horizontal remediation had been achieved in accordance with NMOCD clean-up criteria.
- All contaminated soil, approximately 7,776 yards was transported to R360 Landfill, a NMOCD approved solid waste disposal facility.
- The excavated pad area was backfilled with clean caliche transported from Lea Landfill. as this is a high-volume traffic area, the pad was packed, and restored to grade.
- The facility has been reconstructed to code, placed back on line and in production.

Closure

On behalf of Matador Resources, Inc. we respectfully submit this closure report in accordance with Subsection E of 19.15.29.12 NMAC for the referenced incident. Based on this site characterization, remedial actions completed, and analytical results, we request that no further actions be required.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

Talon/LPE

Rebecca S. Pons
Senior Environmental Project Manager

Attachments:

Appendix I Site Plans
Appendix II Groundwater Data, Soil Survey
Appendix III Photographic Documentation
Appendix IV Laboratory Data
Appendix V NMOCD File-C141



Appendix I

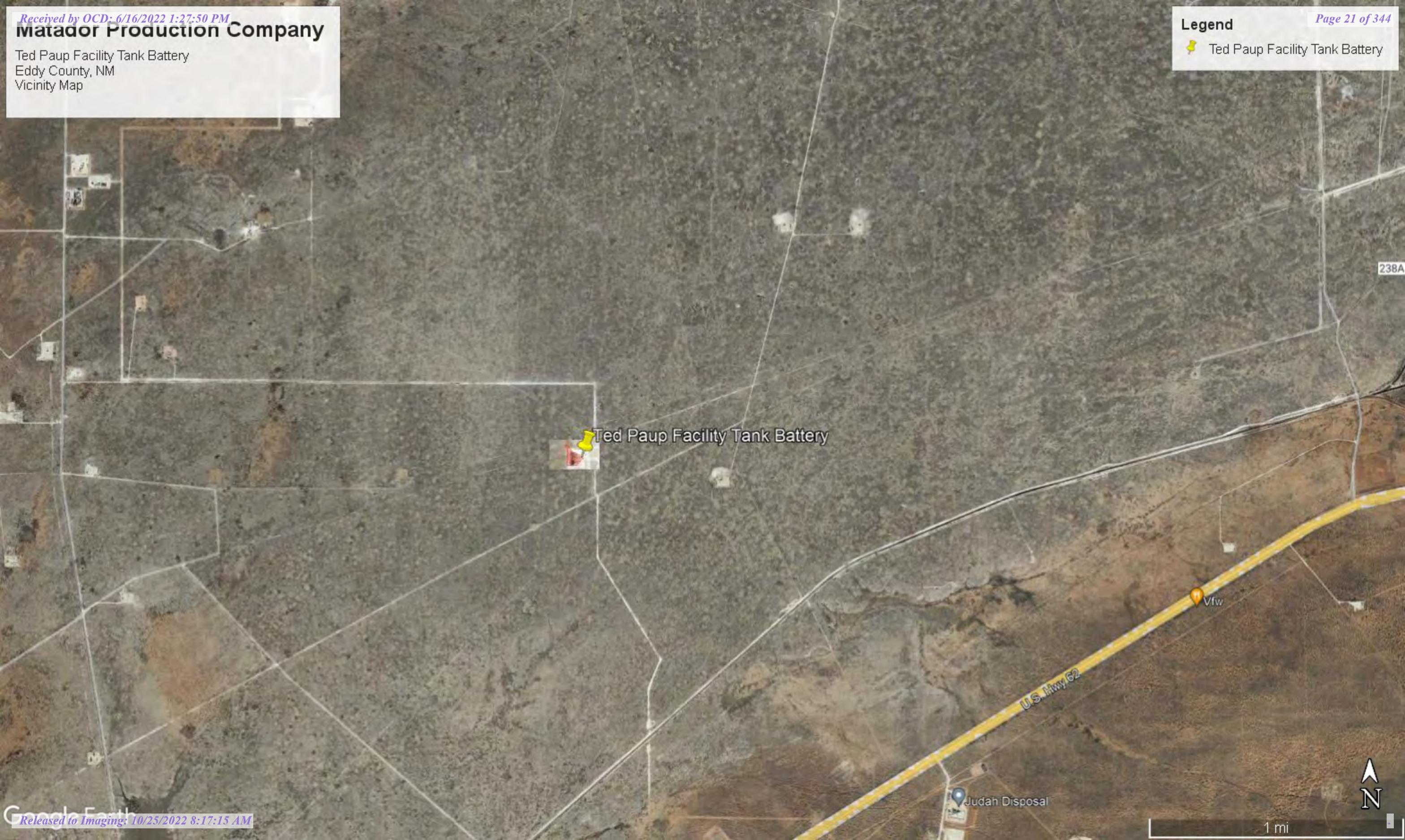
Site Maps

Matador Production Company

Ted Paup Facility Tank Battery
Eddy County, NM
Vicinity Map

Legend

-  Ted Paup Facility Tank Battery



238A

Ted Paup Facility Tank Battery

Vfw

U.S. Hwy 62

Judah Disposal

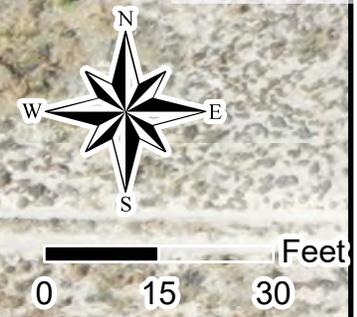


1 mi



Drafted: 5/16/2022
1 in = 70 ft
Drafted By: IJR

Matador Production Company
Ted Paup Facility Tank Battery
fAPP2202572569
Eddy County, NM
Incident No. nAPP22006640765
Figure 1-Full Assessment Map



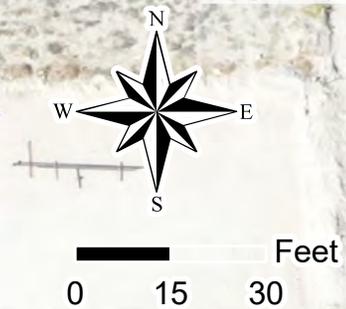
Legend

- Soil Sample
- Excavation Area (Depths: 4-17') and Dates
 - 3/16/2022
 - 4/8/2022
 - 4/11/2022
 - 4/13/2022
 - 4/14/2022



Drafted: 5/17/2022
 1 in = 25 ft
 Drafted By: IJR

Matador Production Company
 Ted Paup Facility Tank Battery
 fAPP2202572569
 Eddy County, NM
 Incident No. nAPP22006640765
 Figure 2 - Northwest Confirmation Map



Legend	
●	Soil Sample
Excavation Area (Depths: 2-4') and Dates	
■ (Red)	3/24/2022
■ (Blue)	3/25/2022



Drafted: 5/13/2022
 1 in = 30 ft
 Drafted By: IJR

Matador Production Company
 Ted Paup Facility Tank Battery
 fAPP2202572569
 Eddy County, NM
 Incident No. nAPP22006640765
 Figure 3 - Northeast Confirmation Map



Drafted: 5/16/2022
 1 in = 25 ft
 Drafted By: IJR

Matador Production Company
 Ted Paup Facility Tank Battery
 fAPP2202572569
 Eddy County, NM
 Incident No. nAPP22006640765
 Figure 4 - Southeast Confirmation Map



Legend

- Soil Sample
- Excavation Area (Depths: 4-17') and Dates
 - 4/8/2022
 - 4/11/2022
 - 4/13/2022
 - 4/14/2022



Drafted: 5/17/2022
 1 in = 30 ft
 Drafted By: IJR

Matador Production Company
 Ted Paup Facility Tank Battery
 fAPP2202572569
 Eddy County, NM
 Incident No. nAPP22006640765
 Figure 5 - Southwest Confirmation Map

Matador Production Company

Ted Paup Facility Tank Battery
fAPP2202572569
Eddy County, NM
Incident No. nAPP2206640765

TOPO Map

Legend

-  Area_generic 1
-  Ted Paup CTB
-  Untitled Path





Ted Paup CTB

Buckeye Rd

Maxar, Microsoft



Drafted: 5/16/2022
 1 in = 700 ft
 Drafted By: IJR

Matador Production Company
 Ted Paup Facility Tank Battery
 fAPP2202572569
 Eddy County, NM
 Incident No. nAPP22006640765
 Karst Map



Appendix II

Groundwater Data, & Soil Survey



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Well Depth	Water Column
CP 00759	CP	ED	ED	4	2	28	20S	29E	586984	3601360*	1983	205	90	115
CP 00936 POD1	CP	ED	ED	3	4	2	30	20S	29E	583661	3601238*	2410	70	18
CP 01866 POD1	CP	ED	ED	2	3	3	20	20S	29E	584324	3602154	2631	52	8
CP 01905 POD1	CP	ED	ED	1	4	1	02	21S	28E	588184	3598009	3147	160	
C 03265 POD1	CUB	ED	ED	1	1	3	20	20S	29E	584052	3602648*	3194	89	37
C 03266 POD1	CUB	ED	ED	3	4	4	04	21S	28E	585844	3596555*	3335	260	180
C 03267 POD1	CUB	ED	ED	4	3	3	04	21S	28E	584833	3596541*	3444	52	12
CP 01202 POD1	CP	ED	ED	4	4	3	26	20S	29E	589569	3600512	3961	173	15
C 03269 POD1	CUB	ED	ED	3	4	1	36	20S	28E	581268	3599609*	4397	28	6
CP 00752 POD1	CP	ED	ED	1	3	15	20S	29E	587293	3604181	4597	2567		

Average Depth to Water: **67 feet**
 Minimum Depth: **22 feet**
 Maximum Depth: **158 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 585656.67

Northing (Y): 3599885.51

Radius: 5000

*UTM location was derived from PLSS - see Help

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

3/7/22 12:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Custom Soil Resource Report Soil Map



Soil Map may not be valid at this scale.



Map Scale: 1:1,950 if printed on A landscape (11" x 8.5") sheet.
0 25 50 100 150 Meters
0 50 100 200 300 Feet
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

- Area of Interest (AOI)**
 -  Area of Interest (AOI)
- Soils**
 -  Soil Map Unit Polygons
 -  Soil Map Unit Lines
 -  Soil Map Unit Points
- Special Point Features**
 -  Blowout
 -  Borrow Pit
 -  Clay Spot
 -  Closed Depression
 -  Gravel Pit
 -  Gravelly Spot
 -  Landfill
 -  Lava Flow
 -  Marsh or swamp
 -  Mine or Quarry
 -  Miscellaneous Water
 -  Perennial Water
 -  Rock Outcrop
 -  Saline Spot
 -  Sandy Spot
 -  Severely Eroded Spot
 -  Sinkhole
 -  Slide or Slip
 -  Sodic Spot
- Water Features**
 -  Spoil Area
 -  Stony Spot
 -  Very Stony Spot
 -  Wet Spot
 -  Other
 -  Special Line Features
 -  Streams and Canals
- Transportation**
 -  Rails
 -  Interstate Highways
 -  US Routes
 -  Major Roads
 -  Local Roads
- Background**
 -  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
 Survey Area Data: Version 17, Sep 12, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Custom Soil Resource Report

Eddy Area, New Mexico**RG—Reeves-Gypsum land complex, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: 1w5f
Elevation: 1,250 to 5,000 feet
Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 190 to 235 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent
Gypsum land: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves**Setting**

Landform: Ridges, plains, hills
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, crest, nose slope, head slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Custom Soil Resource Report

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, crest, nose slope, head slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Largo

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R042XC033NM - Salty Bottomland

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No



Appendix III

Photographic Documentation



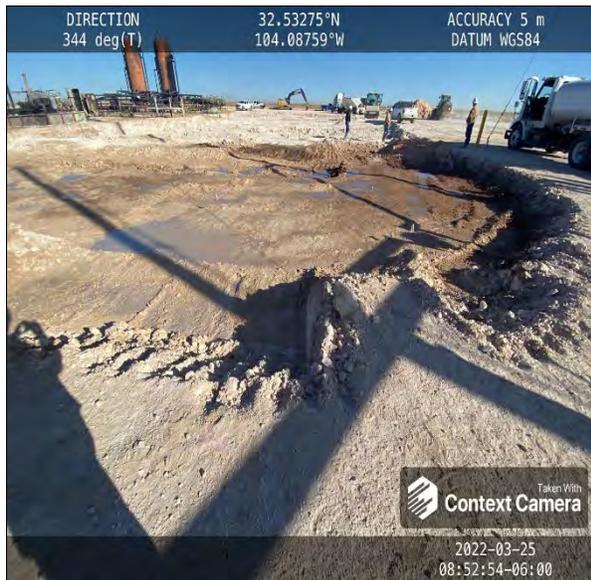
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Impact at source



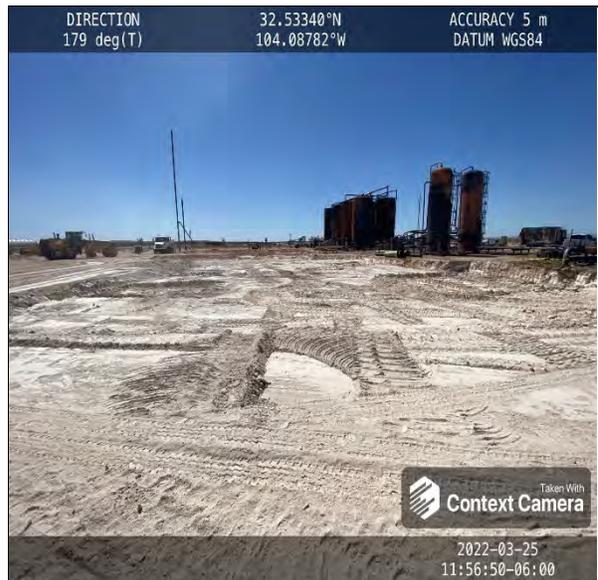
Photograph No.2 Description:

Aerial of facility - post fire



Photograph No.3 Description:

Excavation of pad area (Southeast)



Photograph No.4 Description:

Excavation of pad area. (Northeast)



Photograph No.5 Description:

Aerial of backfill of east side pad area.



Photograph No.6 Description:

Excavation of containment area. (West Side)



Photograph No.7 Description:

Aerial of completed backfill of pad and containment area.



Photograph No.8 Description:

Aerial of rebuild of infrastructure.



Appendix IV

Laboratory Data



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

March 09, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/07/22 17:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 1 0-1' (H220894-01)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.44	0.500	03/08/2022	ND	2.04	102	2.00	5.38	
Toluene*	45.6	0.500	03/08/2022	ND	2.04	102	2.00	4.53	
Ethylbenzene*	25.0	0.500	03/08/2022	ND	2.05	102	2.00	5.17	
Total Xylenes*	182	1.50	03/08/2022	ND	6.30	105	6.00	5.37	
Total BTEX	254	3.00	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 185 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	03/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4300	50.0	03/09/2022	ND	220	110	200	1.92	
DRO >C10-C28*	8510	50.0	03/09/2022	ND	229	115	200	3.23	
EXT DRO >C28-C36	1170	50.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 271 % 66.9-136

Surrogate: 1-Chlorooctadecane 187 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 1 2' (H220894-02)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.04	102	2.00	5.38	
Toluene*	0.405	0.050	03/08/2022	ND	2.04	102	2.00	4.53	
Ethylbenzene*	0.467	0.050	03/08/2022	ND	2.05	102	2.00	5.17	
Total Xylenes*	4.48	0.150	03/08/2022	ND	6.30	105	6.00	5.37	
Total BTEX	5.35	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	125	10.0	03/09/2022	ND	220	110	200	1.92	
DRO >C10-C28*	456	10.0	03/09/2022	ND	229	115	200	3.23	
EXT DRO >C28-C36	107	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 2 0-1' R (H220894-03)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.063	0.050	03/08/2022	ND	2.04	102	2.00	5.38	
Toluene*	2.86	0.050	03/08/2022	ND	2.04	102	2.00	4.53	
Ethylbenzene*	3.10	0.050	03/08/2022	ND	2.05	102	2.00	5.17	
Total Xylenes*	25.0	0.150	03/08/2022	ND	6.30	105	6.00	5.37	
Total BTEX	31.0	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 294 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	861	10.0	03/09/2022	ND	220	110	200	1.92	
DRO >C10-C28*	4570	10.0	03/09/2022	ND	229	115	200	3.23	
EXT DRO >C28-C36	893	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 142 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 3 0-0.5' R (H220894-04)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/08/2022	ND	2.04	102	2.00	5.38	
Toluene*	4.15	0.500	03/08/2022	ND	2.04	102	2.00	4.53	
Ethylbenzene*	5.11	0.500	03/08/2022	ND	2.05	102	2.00	5.17	
Total Xylenes*	49.7	1.50	03/08/2022	ND	6.30	105	6.00	5.37	
Total BTEX	58.9	3.00	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1830	100	03/09/2022	ND	220	110	200	1.92	
DRO >C10-C28*	9580	100	03/09/2022	ND	229	115	200	3.23	
EXT DRO >C28-C36	1340	100	03/09/2022	ND					

Surrogate: 1-Chlorooctane 216 % 66.9-136

Surrogate: 1-Chlorooctadecane 237 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 4 0-1' (H220894-05)

BTEX 8021B		mg/kg	Analyzed By: MS\					S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/08/2022	ND	2.04	102	2.00	5.38		
Toluene*	0.923	0.050	03/08/2022	ND	2.04	102	2.00	4.53		
Ethylbenzene*	1.19	0.050	03/08/2022	ND	2.05	102	2.00	5.17		
Total Xylenes*	11.3	0.150	03/08/2022	ND	6.30	105	6.00	5.37		
Total BTEX	13.5	0.300	03/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 218 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/08/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	528	10.0	03/09/2022	ND	220	110	200	1.92		
DRO >C10-C28*	2440	10.0	03/09/2022	ND	229	115	200	3.23		
EXT DRO >C28-C36	677	10.0	03/09/2022	ND						

Surrogate: 1-Chlorooctane 125 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 4 2' (H220894-06)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.04	102	2.00	5.38	
Toluene*	0.054	0.050	03/08/2022	ND	2.04	102	2.00	4.53	
Ethylbenzene*	0.062	0.050	03/08/2022	ND	2.05	102	2.00	5.17	
Total Xylenes*	0.588	0.150	03/08/2022	ND	6.30	105	6.00	5.37	
Total BTEX	0.704	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

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	03/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	40.6	10.0	03/09/2022	ND	220	110	200	1.92	
DRO >C10-C28*	359	10.0	03/09/2022	ND	229	115	200	3.23	
EXT DRO >C28-C36	157	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 5 0-1' (H220894-07)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/08/2022	ND	2.04	102	2.00	5.38	
Toluene*	5.33	0.200	03/08/2022	ND	2.04	102	2.00	4.53	
Ethylbenzene*	4.69	0.200	03/08/2022	ND	2.05	102	2.00	5.17	
Total Xylenes*	40.6	0.600	03/08/2022	ND	6.30	105	6.00	5.37	
Total BTEX	50.6	1.20	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 179 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1370	50.0	03/09/2022	ND	220	110	200	1.92	
DRO >C10-C28*	5290	50.0	03/09/2022	ND	229	115	200	3.23	
EXT DRO >C28-C36	1170	50.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 174 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/09/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 5 2' (H220894-08)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.04	102	2.00	5.38	
Toluene*	1.46	0.050	03/08/2022	ND	2.04	102	2.00	4.53	
Ethylbenzene*	1.81	0.050	03/08/2022	ND	2.05	102	2.00	5.17	
Total Xylenes*	15.8	0.150	03/08/2022	ND	6.30	105	6.00	5.37	
Total BTEX	19.1	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 245 % 69.9-140

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	03/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	515	50.0	03/08/2022	ND	223	112	200	1.46	QM-07
DRO >C10-C28*	2520	50.0	03/08/2022	ND	185	92.6	200	0.611	QM-07
EXT DRO >C28-C36	2070	50.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 140 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Rush

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

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup CTB
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes C. Jaramillo

BILL TO
 P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	Chlorides	TPH	BTEX	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						SAMPLING
<i>H220894</i>	S-1 0-1'	G	1			X					X			3-4-22	8:40	X	X	X
	S-1 2'														8:45			
	S-2 0-1'R														8:50			
	S-3 0-0.5'R														8:55			
	S-4 0-1'														9:00			
	S-4 2'														9:05			
	S-5 0-1'														9:10			
	S-5 2'														9:15			

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Relinquished By: *James Curo*
 Date: 3-7-22
 Time: 7:00
 Received By: *Yvonne Walker*

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____
 Add'l Fax #: _____

REMARKS:
2-Day Rush

Delivered By: (Circle One) *4.6:1 C-0.5C*
 Sampler - UPS - Bus - Other: *4.1C #113*

Sample Condition
 Cool Intact
 Yes No
 Yes No
 CHECKED BY: *Y* (Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

March 14, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/10/22 14:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 6 0-1' (H220973-01)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/11/2022	ND	220	110	200	4.59	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 7 0-1' (H220973-02)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	157	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	21.3	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 8 0-1' (H220973-03)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	27.4	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 9 0-1' (H220973-04)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 10 0-1' (H220973-05)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	03/12/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	168	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	30.7	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 11 4' (H220973-06)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 12 2' (H220973-07)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/12/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	11.7	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 13 2' (H220973-08)

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	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/12/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	29.7	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 14 4' (H220973-09)

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.576	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	7.44	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	3.78	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	22.3	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	34.1	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 260 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	03/12/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	654	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	1570	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	161	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 165 % 66.9-136

Surrogate: 1-Chlorooctadecane 211 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 15 4' (H220973-10)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	0.061	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	0.261	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	0.322	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/12/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.4	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	372	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	53.2	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 16 2' (H220973-11)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	69.8	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	18.7	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 17 4' (H220973-12)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	50.1	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	13.4	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 18 4' (H220973-13)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	52.2	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	11.1	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 19 0-1' (H220973-14)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	553	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	266	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 20 2' R (H220973-15)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	0.059	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	0.068	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	0.754	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	0.881	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28.1	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	357	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	58.7	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 139 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 21 4' (H220973-16)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	75.4	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	13.2	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 22 2' R (H220973-17)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.077	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	0.262	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	0.263	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	0.651	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	95.4	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	12.9	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 23 0-0.5' R (H220973-18)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	19.9	2.00	03/12/2022	ND	2.11	105	2.00	1.28	
Toluene*	174	2.00	03/12/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	52.3	2.00	03/12/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	275	6.00	03/12/2022	ND	6.54	109	6.00	2.32	
Total BTEX	521	12.0	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	10100	100	03/12/2022	ND	220	110	200	4.59		
DRO >C10-C28*	17300	100	03/12/2022	ND	237	118	200	6.99		
EXT DRO >C28-C36	1940	100	03/12/2022	ND						

Surrogate: 1-Chlorooctane 461 % 66.9-136

Surrogate: 1-Chlorooctadecane 408 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: BG - 1 0' (H220973-19)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: BG - 2 0' (H220973-20)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.11	105	2.00	1.28	
Toluene*	<0.050	0.050	03/11/2022	ND	2.12	106	2.00	2.21	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	1.75	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.54	109	6.00	2.32	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022	ND	220	110	200	4.59	
DRO >C10-C28*	38.7	10.0	03/12/2022	ND	237	118	200	6.99	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: BG - 3 0' (H220973-21)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	1.98	98.8	2.00	5.58	
Toluene*	<0.050	0.050	03/12/2022	ND	1.96	98.2	2.00	6.62	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	1.96	98.2	2.00	5.78	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.07	101	6.00	5.64	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022		178	89.0	200	22.0	
DRO >C10-C28*	76.4	10.0	03/12/2022		199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022						

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: BG - 4 0' (H220973-22)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	1.98	98.8	2.00	5.58	
Toluene*	<0.050	0.050	03/12/2022	ND	1.96	98.2	2.00	6.62	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	1.96	98.2	2.00	5.78	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.07	101	6.00	5.64	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022		178	89.0	200	22.0	
DRO >C10-C28*	<10.0	10.0	03/12/2022		199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022						

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: BG - 5 0' (H220973-23)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	1.98	98.8	2.00	5.58	
Toluene*	<0.050	0.050	03/12/2022	ND	1.96	98.2	2.00	6.62	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	1.96	98.2	2.00	5.78	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.07	101	6.00	5.64	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022		178	89.0	200	22.0	
DRO >C10-C28*	61.5	10.0	03/12/2022		199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022						

Surrogate: 1-Chlorooctane 96.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: BG - 6 0' (H220973-24)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	1.98	98.8	2.00	5.58	
Toluene*	0.056	0.050	03/12/2022	ND	1.96	98.2	2.00	6.62	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	1.96	98.2	2.00	5.78	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.07	101	6.00	5.64	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/12/2022		178	89.0	200	22.0	
DRO >C10-C28*	79.5	10.0	03/12/2022		199	99.7	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022						

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04 The RPD for the BS/BSD was outside of historical limits.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		BILL TO		ANALYSIS REQUEST	
Project Manager: R. Pons		P.O. #:			
Address: 408 W. Texas Ave		Company:			
City: Artesia		Attn:			
Phone #: 575.746.8768		Address:			
Fax #: _____		City:			
Project #: 702520.022.01		State:			
Project Owner: Matador		Zip:			
Project Name: Ted Paup Facility Tank Battery		Phone #:			
Project Location: Eddy County, NM		Fax #:			
Sampler Name: J. Carnes, A. Parra, K. Taylor		PRESERV:			
FOR LAB USE ONLY		SAMPLING			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	X	X	X
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H220973	1		1	X						3-10-22	9:20	X	X	X
	2		1							9:15	9:15			
	3		1							9:25	9:25			
	4		1							9:35	9:35			
	5		1							9:35	9:35			
	6		1							10:10	10:10			
	7		1							9:50	9:50			
	8		1							10:05	10:05			
	9		1							10:25	10:25			
	10		1							10:35	10:35			

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Relinquished By: _____	Date: 5/10/22	Received By: _____	Date: 5/10/22
Time: 14:55	Time: 14:55	Time: _____	Time: _____
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	14.5c 14.0c #113	Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: _____ (Initials)

REMARKS: 2-Day rush

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

pg 1 of 3



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup Facility Tank Battery
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes, A. Parra, K. Taylor
 P.O. #: Company:
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH	BTEX	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
A220913	11	S-16	2'									3-10-22	10:45	X	X	X
	12	S-17	4'										10:40	X	X	X
	13	S-18	4'										11:15	X	X	X
	14	S-19	0-1'										10:55	X	X	X
	15	S-20	2'R										11:45	X	X	X
	16	S-21	4'										12:00	X	X	X
	17	S-22	2'R										12:15	X	X	X
	18	S-23	0-0.5 R'										12:05	X	X	X
	19	RG-1	0'										12:45	X	X	X
	20	RG-2	0'										12:50	X	X	X

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Relinquished By: [Signature]
 Date: 6-10-22
 Time: 14:55
 Received By: [Signature]
 Date: [Blank]
 Time: [Blank]

Delivered By: (Circle One) 14.5°C 5-0-0.5°C
 Sampler - UPS - Bus - Other: 14.0°C #113
 Sample Condition: Cool Intact Yes [X] No []
 Checked By: [Signature] (Initials) YP.

Phone Result: Yes [] No [] Add'l Phone #: [Blank]
 Fax Result: Yes [] No [] Add'l Fax #: [Blank]
 REMARKS: [Blank]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		BILL TO		ANALYSIS REQUEST	
Project Manager: R. Pons		P.O. #:			
Address: 408 W. Texas Ave		Company:			
City: Artesia		Attn:			
Phone #: 575.746.8768		Address:			
Fax #: 575.746.8768		City:			
Project #: 702520.022.01		State:			
Project Owner: Matador		Zip:			
Project Name: Ted Paup Facility Tank Battery		Phone #:			
Project Location: Eddy County, NM		Fax #:			
Sampler Name: J. Carnes, A. Parra, K. Taylor					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H220973	BG-3	G	1			X				3-10-22	12:50	Chlorides
	BG-4										12:55	TPH
	BG-5										12:55	BTEX
	BG-6										1:09	

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Relinquished By: *[Signature]* Date: 3-10-22
 Received By: *[Signature]* Date: 3-10-22
 Time: 1455

Delivered By: (Circle One) 14:58 UPS Bus Other
 Sampler - UPS - Bus - Other: 14:00 #113

Sample Condition: Cool Intact
 Yes No

CHECKED BY: *[Signature]* (Initials) *[Initials]*

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

pg 3 of 3



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

March 16, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/16/22 9:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/16/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 7 A 1.5' (H221032-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2022	ND	1.92	95.9	2.00	7.50	
Toluene*	<0.050	0.050	03/16/2022	ND	1.93	96.5	2.00	7.40	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.86	93.2	2.00	7.18	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.79	96.6	6.00	6.18	
Total BTEX	<0.300	0.300	03/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/16/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2022	ND	203	102	200	7.73	
DRO >C10-C28*	<10.0	10.0	03/16/2022	ND	194	97.0	200	6.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

March 25, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/25/22 8:43.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 13 A 3' (H221175-01)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3		
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3		
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1		
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0		
Total BTEX	<0.300	0.300	03/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19		
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	228	114	200	2.58		
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND						

Surrogate: 1-Chlorooctane 84.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 15 A 3' (H221175-02)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.1 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 16 A 2' (H221175-03)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	78.8	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	25.4	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.0 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 18 A 3' (H221175-04)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	44.3	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.7 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 19 A 2' (H221175-05)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	227	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	55.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 47 A 3' (H221175-06)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	23.6	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 48 A 3' (H221175-07)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 59.5-142

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



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 50 A 3' (H221175-08)

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	03/25/2022	ND	1.93	96.3	2.00	13.3		
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3		
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1		
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0		
Total BTEX	<0.300	0.300	03/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19		
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	228	114	200	2.58		
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND						

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.5 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 51 A 2' (H221175-09)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 52 A 2' (H221175-10)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	38.8	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 53 A 2' (H221175-11)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	34.2	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.7 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 54 A 3' (H221175-12)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	21.8	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 55 A 3' (H221175-13)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	67.2	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 56 A 3' (H221175-14)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	44.3	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 57 A 2' (H221175-15)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/25/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	77.5	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	13.9	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 58 A 2' (H221175-16)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	59.1	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	13.3	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 59 A 3' (H221175-17)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.93	96.3	2.00	13.3	
Toluene*	<0.050	0.050	03/25/2022	ND	2.13	107	2.00	13.3	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.22	111	2.00	13.1	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.90	115	6.00	13.0	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 60 A 3' (H221175-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 61 A 3' (H221175-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 62 A 2' (H221175-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	26.8	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 63 A 2' (H221175-21)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 64 A 2' (H221175-22)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 65 A 2' (H221175-23)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	49.7	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	10.7	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 67 A 2' (H221175-24)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	32.1	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 68 A 2' (H221175-25)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	92.6	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	30.7	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 69 A 2' (H221175-26)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	108	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	40.3	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 70 A 2' (H221175-27)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	73.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	35.6	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 71 A 2' (H221175-28)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	87.4	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	37.3	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.5 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 72 A 3' (H221175-29)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 73 A 2' (H221175-30)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	23.3	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 74 A 2' (H221175-31)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	75.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	25.1	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.6 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 75 A 2' (H221175-32)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	17.2	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.4 % 59.5-142

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



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 76 A 2' (H221175-33)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	53.2	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	18.1	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.4 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 77 A 2' (H221175-34)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	70.5	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	42.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 78 A 3' (H221175-35)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/25/2022	ND	416	104	400	7.41	

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	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 79 A 2' (H221175-36)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	36.5	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	13.2	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 80 A 2' (H221175-37)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	84.9	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	32.4	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 81 A 3' (H221175-38)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.3 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 82 A 2' (H221175-39)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 83 A 2' (H221175-40)

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	03/25/2022	ND	1.92	96.1	2.00	6.69	
Toluene*	<0.050	0.050	03/25/2022	ND	2.14	107	2.00	6.75	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.15	108	2.00	6.90	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.63	111	6.00	6.84	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 84 A 2' (H221175-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	33.9	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.8 % 59.5-142

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



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 85 A 3' (H221175-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	24.3	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 59.5-142

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



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 86 A 2' (H221175-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	16.7	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.0 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 87 A 2' (H221175-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	79.5	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	29.6	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.8 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 88 A 2' (H221175-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.2 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/24/2022
Reported:	03/25/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 89 A 2' (H221175-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.87	93.4	2.00	5.09	
Toluene*	<0.050	0.050	03/25/2022	ND	2.09	104	2.00	3.58	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.12	106	2.00	3.44	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.92	115	6.00	3.93	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/25/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.9 % 59.5-142

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



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- 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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A handwritten signature in black ink, appearing to read "Mike Snyder".

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE
 Project Manager: R. PONS
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup Facility Tank
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes, A. Parra

P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

BILL TO

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
#021175	S-13A 3'	C	1	SOIL	X	3-24-21	8:15	X	Chlorides
	S-15A 3'			SOIL			8:20	X	TPH
	S-16A 2'			SOIL			8:35	X	BTEX
	S-18A 3'			SOIL			8:25		
	S-19A 2'			SOIL			8:30		
	S-47A 3'			SOIL			8:35		
	S-48A 3'			SOIL			8:40		
	S-50A 3'			SOIL			8:45		
	S-51A 2'			SOIL			8:50		
	S-52A 2'			SOIL					

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Relinquished By: *[Signature]* Date: 3/24/22
 Received By: *[Signature]* Date: 3/24/22
 Relinquished By: *[Signature]* Date: 3/24/22
 Received By: *[Signature]* Date: 3/24/22

Delivered By: (Circle One) *7:18* C.O.S. *8&130*
 Sample Condition: Intact Cool Yes No

Sampler - UPS - Bus - Other: *7:28* #113
 CHECKED BY: *[Signature]*
 REMARKS: *Scene-Dag*
RUSH
pg 1 of 5

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #: _____
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup Facility Tank
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes, A. Parra

BILL TO
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
#021175	S-53A 2'	C	1			X				3-24-22	8:55	X Chlorides
	S-54A 3'										9:00	X TPH
	S-55A 3'										9:05	X BTEX
	S-56A 3'										9:10	
	S-57A 2'										9:15	
	S-58A 2'										9:20	
	S-59A 3'										9:25	
	S-60A 3'										9:30	
	S-61A 3'										9:35	
	S-62A 2'										9:40	

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Relinquished By: _____ Date: 5/25/22 Received By: R. Pons
 Date: 5/25/22
 Type: _____

Delivered By: (Circle One) UPS - Bus - Other: _____
 77°C - 0.5°C
 72°C #113
 Sample Condition: Intact Cool Yes No

Checked By: _____ (Initials)
 PS 2 of 5

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM zip: 88210
 Phone #: 575.746.8768 Fax #: _____
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup Facility Tank
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes, A. Parra
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
4281175		C	1			X														
21	S-63A 2'									3-24-22	9:45	X	Chlorides							
22	S-64A 2'										9:55	X	TPH							
23	S-65A 2'										10:00	X	BTEX							
24	S-67A 2'										10:05									
25	S-68A 2'										10:10									
26	S-69A 2'										10:15									
27	S-70A 2'										10:30									
28	S-71A 2'										2:40									
29	S-72A 3'										10:25									
30	S-73A 2'																			

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Relinquished By: *[Signature]* Date: 3/24/22 Time: 6:30
 Received By: *[Signature]* Date: 3/24/22 Time: 6:30
 Delivered By: (Circle One) 776 C-0.50 Sample Condition: Intact Cool Yes No
 Checked By: *[Signature]* (Initials) *[Signature]*
 Sampler - UPS - Bus - Other: 728 #113

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup Facility Tank
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes, A. Parra

BILL TO
 P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Fax #:
 Phone #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
1521175	S-74A 2'	C	1			X				3-24-22	10:30	Chlorides
31	S-75A 2'	C	1								10:35	X
33	S-76A 2'										10:40	X
34	S-77A 2'										10:45	X
35	S-78A 3'										10:50	X
36	S-79A 2'										10:55	X
37	S-80A 2'										2:50	X
38	S-81A 3'										11:00	X
39	S-82A 2'											X
40	S-83A 2'										11:30	X

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Relinquished By: *[Signature]* Date: 3/24/22
 Received By: *[Signature]* Date: 3/24/22
 Time: 10:30

Delivered By: (Circle One) 7-78 *[Signature]* Received By: *[Signature]*
 Sample Condition: Intact Cool Yes No

Sampler - UPS - Bus - Other: *[Signature]* #113
 CHECKED BY: *[Signature]*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

pg 4 of 5



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		BILL TO		ANALYSIS REQUEST	
Project Manager: R. Pons		P.O. #:			
Address: 408 W. Texas Ave		Company:			
City: Artesia		Attn:			
State: NM Zip: 88210		Address:			
Phone #: 575.746.8768		City:			
Fax #: 575.746.8768		State:			
Project #: 702520.022.01		Zip:			
Project Owner: Matador		Phone #:			
Project Name: Ted Paup Facility Tank		Fax #:			
Project Location: Eddy County, NM					
Sampler Name: J. Carnes, A. Parra					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
#081175														
41	S-84A 2'	C	1							3-24-22	11:35	X	X	X
42	S-85A 3'										2:55			
43	S-86A 2'										11:40			
44	S-87A 2'										11:45			
45	S-88A 2'										11:50			
46	S-89A 2'										11:55			

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Relinquished By: <i>[Signature]</i>	Date: 6/22/22	Received By: <i>[Signature]</i>	Date: 6/22/22
Time: 6:30	Time: 6:30	Time: 8:43	Time: 8:43
Delivered By: (Circle One) <i>PPono</i>	7.78	Sample Condition	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other:	7.28 #113	Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Impact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
REMARKS: <i>Push!</i>			

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

March 26, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/25/22 13:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 46 B 3' (H221192-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06		
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16		
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46		
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43		
Total BTEX	<0.300	0.300	03/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19		
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	228	114	200	2.58		
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND						

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.4 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 66 A 3' (H221192-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	198	99.1	200	1.19	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	228	114	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.2 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 90 A 2' (H221192-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.6 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 91 A 2' (H221192-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	33.1	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 92 A 2' (H221192-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	211	106	200	1.17	
DRO >C10-C28*	22.8	10.0	03/25/2022	ND	217	108	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 93 A 2' (H221192-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	20.9	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 59.5-142

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* = Accredited Analyte

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 94 A 2' (H221192-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	31.9	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.6 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 95 A 2' (H221192-08)

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	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	42.6	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 96 A 2' (H221192-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.1 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 97 A 2' (H221192-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.5 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 98 A 2' (H221192-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 99 A 2' (H221192-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: E. SW - 3 2' (H221192-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	50.6	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	14.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: E. SW - 4 2' (H221192-14)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	200	100	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	175	87.7	200	2.88	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: N. SW - 1 2' (H221192-15)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	203	102	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.7 % 59.5-142

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



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/26/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: N. SW - 2 2' (H221192-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2022	ND	1.86	93.0	2.00	3.06	
Toluene*	<0.050	0.050	03/25/2022	ND	2.07	103	2.00	3.16	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.08	104	2.00	3.46	
Total Xylenes*	<0.150	0.150	03/25/2022	ND	6.48	108	6.00	3.43	
Total BTEX	<0.300	0.300	03/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2022	ND	203	102	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/25/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	03/25/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.6 % 59.5-142

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



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder".

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



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

March 28, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/28/22 8:16.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 16 B 3' (H221208-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	03/28/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 19 B 3' (H221208-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/28/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.7 % 59.5-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 68 B 3' (H221208-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/28/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 69 B 3' (H221208-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/28/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 70 B 3' (H221208-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/28/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 71 B 3' (H221208-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/28/2022	ND	448	112	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	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 74 B 3' (H221208-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/28/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	19.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 77 B 3' (H221208-08)

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	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/28/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 80 B 3' (H221208-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/28/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	14.8	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/28/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 87 B 3' (H221208-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2022	ND	1.75	87.6	2.00	3.27	
Toluene*	<0.050	0.050	03/28/2022	ND	1.97	98.7	2.00	3.23	
Ethylbenzene*	<0.050	0.050	03/28/2022	ND	2.00	99.9	2.00	2.80	
Total Xylenes*	<0.150	0.150	03/28/2022	ND	6.23	104	6.00	2.51	
Total BTEX	<0.300	0.300	03/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/28/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2022	ND	158	79.0	200	23.1	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	182	90.9	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 135 % 59.5-142

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
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.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		P.O. #:	
Project Manager: R. Pons		Company:	
Address: 408 W. Texas Ave		Attn:	
City: Artesia		Address:	
State: NM zip: 88210		City:	
Phone #: 575.746.8768		State:	
Fax #:		Zip:	
Project #: 702520.022.01		Project owner: Matador	
Project Name: Ted Paup Facility Tank		Project Location: Eddy County, NM	
Sampler Name: J. Carnes, A. Parra		FOR LAB USE ONLY	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
HA21208	S-16B 3'	C	1			X				3-28-22	6:15	Chlorides
	S-19B 3'										6:20	TPH
	S-68B 3'										6:25	BTEX
	S-69B 3'										6:30	
	S-70B 3'										6:35	
	S-71B 3'										6:40	
	S-74B 3'										6:45	
	S-77B 3'										6:50	
	S-80B 3'										6:55	
	S-87B 3'										7:00	

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Relinquished By: *[Signature]* Date: 3-28-22 Received By: *[Signature]* Date: 0816
 Time: 0816
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]* (Initials) 87

Delivered By: (Circle One) 11.7% GC-0.5%
 Sampler - UPS - Bus - Other: 11.2% #113
 REMARKS: Same Day Push 1 SD

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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April 11, 2022

REBECCA PONS
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: TED PAUP CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 8:11.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 5 A 5' (H221460-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59	
DRO >C10-C28*	24.4	10.0	04/11/2022	ND	202	101	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 100 A 5' (H221460-02)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59	
DRO >C10-C28*	20.2	10.0	04/11/2022	ND	202	101	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 101 A 5' (H221460-03)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	202	101	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 102 A 5' (H221460-04)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0		
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3		
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9		
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9		
Total BTEX	<0.300	0.300	04/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59		
DRO >C10-C28*	18.4	10.0	04/11/2022	ND	202	101	200	4.22		
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND						

Surrogate: 1-Chlorooctane 80.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 103 A 5' (H221460-05)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/11/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59	
DRO >C10-C28*	139	10.0	04/11/2022	ND	202	101	200	4.22	
EXT DRO >C28-C36	28.3	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 80.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 104 A 5' (H221460-06)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59	
DRO >C10-C28*	21.7	10.0	04/11/2022	ND	202	101	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.6 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 105 A 5' (H221460-07)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0		
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3		
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9		
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9		
Total BTEX	<0.300	0.300	04/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59		
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	202	101	200	4.22		
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND						

Surrogate: 1-Chlorooctane 89.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 106 A 5' (H221460-08)

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	04/11/2022	ND	2.02	101	2.00	11.0		
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3		
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9		
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9		
Total BTEX	<0.300	0.300	04/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/11/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	192	95.8	200	5.59		
DRO >C10-C28*	45.2	10.0	04/11/2022	ND	202	101	200	4.22		
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND						

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 107 A 4' (H221460-09)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.7 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 108 A 4' (H221460-10)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	38.8	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 21 A 4' (H221460-11)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	25.2	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 109 A 4' (H221460-12)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	11.9	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 110 A 4' (H221460-13)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	19.4	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 111 A 4' (H221460-14)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	14.4	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 112 A 4' (H221460-15)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	30.9	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/08/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 113 A 4' (H221460-16)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	129	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	34.8	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: Talon LPE
 Project Manager: R. Pym
 Address: 408 W. Texas Ave
 City: Artesia
 Phone #: 575.746.8768 State: NM Zip: 88210
 Project #: 702520.022.01 Fax #:
 Project Name: Ted Pump Project Owner: Markdon
 Project Location: Eddy County, NM
 Sampler Name: J. James M. Power
 FOR LAB USE ONLY:
 P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV			
1	S-SA 5'	C	1								4/8/22	2:30	Chlorides
2	S-100A 5'											2:35	BTEX
3	S-101A 5'											2:40	TPH
4	S-102A 5'											2:45	
5	S-103A 5'											2:50	
6	S-104A 5'											2:55	
7	S-105A 5'											3:00	
8	S-106A 5'											3:05	
9	S-107A 4'											4:10	
10	S-108A 4'											4:15	

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Relinquished By: *[Signature]*
 Date: 4-11-22
 Time: 08:11
 Received By: *[Signature]*
 Date: 4-11-22
 Time: 08:11

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #:
 Add'l Fax #:
 REMARKS:
 Page 1 of 2

Delivered By: (Circle One) UPS Bus Other
 Sample - UPS - Bus - Other: 0.12 #115
 Sample Condition: Cool Impact
 Checked By: *[Signature]*
 Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: R. Pons

Address: 408 W. Texas Ave
 City: Artesia

Phone #: 575.746.8768
 Project #: 702520.022.01

Project Name: Ted Papp
 Project Location: Eddy County, NM

Sampler Name: J. Lantz, M. Goretz
 FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:
 Company:
 Attn:

Address:
 City:
 State:
 Zip:

Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
11	S-21A 4'	C	1								4/8/22	4:20	X	X	X
12	S-109A 4'											4:25			
13	S-110A 4'											4:30			
14	S-111A 4'											4:35			
15	S-112A 4'											4:40			
16	S-113A 4'											4:45			

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Relinquished By: [Signature]
 Date: 4-11-22
 Time: 0811

Delivered By: (Circle One) Other
 Sampler - UPS - Bus - Other: 0.1# #113

Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Received By: [Signature]
 Date: 4-11-22
 Time: 0811

Sample Condition
 Cool Intact: Yes No

CHECKED BY: [Signature]
 (Initials)

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____
 Add'l Fax #: _____

REMARKS:

Page 2 of 2



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

April 11, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/11/22 13:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 114 A 2' (H221466-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	16.2	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 115 A 2' (H221466-02)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	10.6	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 116 A 4' (H221466-03)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	12.4	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 117 A 4' (H221466-04)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.0	
Toluene*	<0.050	0.050	04/11/2022	ND	2.02	101	2.00	11.3	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	1.94	96.8	2.00	11.9	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	5.99	99.8	6.00	10.9	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	11.6	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 118 A 4' (H221466-05)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	169	84.7	200	9.63	
DRO >C10-C28*	70.5	10.0	04/11/2022	ND	152	76.2	200	9.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 119 A 4' (H221466-06)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	189	94.5	200	0.563		
DRO >C10-C28*	89.4	10.0	04/11/2022	ND	209	104	200	0.513		
EXT DRO >C28-C36	12.9	10.0	04/11/2022	ND						

Surrogate: 1-Chlorooctane 135 % 66.9-136

Surrogate: 1-Chlorooctadecane 167 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 120 A 4' (H221466-07)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	189	94.5	200	0.563	
DRO >C10-C28*	173	10.0	04/11/2022	ND	209	104	200	0.513	
EXT DRO >C28-C36	52.4	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 121 A 4' (H221466-08)

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	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	189	94.5	200	0.563	
DRO >C10-C28*	176	10.0	04/11/2022	ND	209	104	200	0.513	
EXT DRO >C28-C36	54.6	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/11/2022	Sampling Date:	04/09/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 124 A 3' (H221466-09)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	10.8	
Toluene*	<0.050	0.050	04/11/2022	ND	2.10	105	2.00	11.8	
Ethylbenzene*	<0.050	0.050	04/11/2022	ND	2.08	104	2.00	11.5	
Total Xylenes*	<0.150	0.150	04/11/2022	ND	6.42	107	6.00	11.0	
Total BTEX	<0.300	0.300	04/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/11/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	189	94.5	200	0.563	
DRO >C10-C28*	38.7	10.0	04/11/2022	ND	209	104	200	0.513	
EXT DRO >C28-C36	13.4	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

April 12, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/12/22 12:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-125A 4.5' (H221501-01)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-126A 4.5' (H221501-02)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	16.6	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-127A 4.5' (H221501-03)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-128A 15' (H221501-04)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	17.4	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-129A 5' (H221501-05)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	18.0	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-130A 5' (H221501-06)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	46.7	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-131A 17' (H221501-07)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/12/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	10.3	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-132A 15' (H221501-08)

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	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	25.8	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-133A 17' (H221501-09)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38	
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-134A 5' (H221501-10)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	205	102	200	6.56	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	217	108	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-135A 5' (H221501-11)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 99.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-136A 5' (H221501-12)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-137A 5' (H221501-13)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51		
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45		
Total BTEX	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/12/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01		
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637		
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND						

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-23A 15' (H221501-14)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51		
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45		
Total BTEX	<0.300	0.300	04/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/12/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01		
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637		
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND						

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-103B 6' (H221501-15)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/11/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-113B 6' (H221501-16)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-119B 5' (H221501-17)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-120B 5' (H221501-18)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01	
DRO >C10-C28*	64.9	10.0	04/12/2022	ND	205	103	200	0.637	
EXT DRO >C28-C36	11.7	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/12/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S-121B 5' (H221501-19)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.51	
Toluene*	<0.050	0.050	04/12/2022	ND	1.92	96.0	2.00	9.73	
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	1.83	91.5	2.00	9.71	
Total Xylenes*	<0.150	0.150	04/12/2022	ND	5.71	95.2	6.00	9.45	
Total BTEX	<0.300	0.300	04/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/12/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2022	ND	204	102	200	7.01	
DRO >C10-C28*	<10.0	10.0	04/12/2022	ND	205	103	200	0.637	
EXT DRO >C28-C36	<10.0	10.0	04/12/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #: Project Owner: Matador Resour
 Project #: 702520.022.01 Project Name: Ted Paup
 Project Location: Eddy County, NM
 Sampler Name: M. Gomez, A. Parra

BILL TO
 P.O. #: Company:
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:
ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV/	SAMPLING	DATE	TIME	Chlorides	BTEX	TPH
H221501	S-125A	4.5'	1	SOIL	X		4/11/22	10:00	X	X	X
	S-126A	4.5'	1	SOIL				10:10			
	S-127A	4.5'	1	SOIL				10:20			
	S-128A	15'	1	SOIL				10:30			
	S-129A	5'	1	SOIL				10:50			
	S-130A	5'	1	SOIL				11:00			
	S-131A	17'	1	SOIL				11:00			
	S-132A	15'	1	SOIL				11:20			
	S-133A	17'	1	SOIL				11:30			
	S-134A	5'	1	SOIL				11:40			

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Relinquished By: *Matthew Barnett*
 Date: 4-12-22
 Received By: *Juanita White*
 Date: 12-05
 Sample Condition: Cool Intact
 Yes No Yes No
 CHECKED BY: *JO*
 REMARKS: *Same Day*

Delivered By: (Circle One) *5.32* C-O.S.C. Cool Intact
 Sampler - UPS - Bus - Other: *4.82* #113 Yes No Yes No
 t Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 702520.022.01

Project Name: Ted Paup

Project Location: Eddy County, NM

Sampler Name: M. Gomez, A. Parra

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	chloride	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H221501	5-135A 5'	C	1			X					X				
	5-136A 5'														
	5-137A 5'														
	5-23A 15'														
	5-103B 6'														
	5-113B 6'														
	5-119B 5'														
	5-120B 5'														
	5-121B 5'														

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Relinquished By: Matthew Gomez Date: 4-12-22 Received By: Yanara Blackfox
 Time: 1:05 Date: 4-12-22 Time: 9:45

Delivered By: (Circle One) 5:30 C-O-S Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: 4:80 #113 Yes No

Checked By: AB Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: same day



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

April 18, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/14/22 14:09.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 15 A 4.5' (H221568-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 17 A 4.5' (H221568-02)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	66.1	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 20 A 4.5' (H221568-03)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	26.1	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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* = Accredited Analyte

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 160 A 6' (H221568-04)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	239	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	64.9	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 161 A 6' (H221568-05)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11		
DRO >C10-C28*	281	10.0	04/14/2022	ND	213	107	200	2.86		
EXT DRO >C28-C36	75.2	10.0	04/14/2022	ND						

Surrogate: 1-Chlorooctane 122 % 66.9-136

Surrogate: 1-Chlorooctadecane 157 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 162 A 6' (H221568-06)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	56.4	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	15.4	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 163 A 6' (H221568-07)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	66.6	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 164 A 6' (H221568-08)

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	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	79.7	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	11.6	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 165 A 6' (H221568-09)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	229	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	53.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 166 A 4' (H221568-10)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	87.1	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	10.4	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 167 A 4' (H221568-11)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	62.0	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 168 A 4' (H221568-12)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	22.3	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 169 A 4' (H221568-13)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	49.7	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 170 A 4' (H221568-14)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	20.7	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 171 A 4' (H221568-15)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	29.3	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 172 A 4' (H221568-16)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	211	105	200	3.11	
DRO >C10-C28*	20.2	10.0	04/14/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 173 A 4' (H221568-17)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	211	105	200	3.11	
DRO >C10-C28*	83.5	10.0	04/15/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 174 A 4' (H221568-18)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	211	105	200	3.11	
DRO >C10-C28*	94.0	10.0	04/15/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	10.6	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 175 A 4' (H221568-19)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	211	105	200	3.11	
DRO >C10-C28*	27.5	10.0	04/15/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 176 A 4' (H221568-20)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	3.78	
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	3.67	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.00	99.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.23	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	211	105	200	3.11	
DRO >C10-C28*	121	10.0	04/15/2022	ND	213	107	200	2.86	
EXT DRO >C28-C36	19.1	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 177 A 4' (H221568-21)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/14/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

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	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	104	200	11.8	
DRO >C10-C28*	37.4	10.0	04/14/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 178 A 4' (H221568-22)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/14/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	104	200	11.8	
DRO >C10-C28*	42.0	10.0	04/14/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 179 A 4' (H221568-23)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/14/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	104	200	11.8	
DRO >C10-C28*	52.6	10.0	04/14/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 180 A 4' (H221568-24)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/14/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 181 A 4' (H221568-25)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/14/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 182 A 4' (H221568-26)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	209	104	200	11.8	
DRO >C10-C28*	91.4	10.0	04/14/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	13.3	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/14/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 183 A 4' (H221568-27)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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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.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 702520.022.0

Project Name: Ted Paup

Project Location: Eddy County, NM

Sampler Name: J. Carney

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	X	X	X
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
#215108	5-15A 4.5'	C	1	X							4-14-22	9:45	X	X	X
	5-17A 4.5'										10:15				
	5-20A 4.5'										10:20				
	5-15DA 6'										9:15				
	5-161A 6'										9:20				
	5-163A 6'										9:25				
	5-164A 6'										9:30				
	5-165A 6'										9:35				
	5-166A 6'										9:40				
	5-166A 6'										10:25				

Relinquished By: Matthew Gonzales

Received By: Shodeiquey

Date: 4/14/22

Time: 1409

Delivered By: (Circle One) O. J. C. O. S. e

Sampler - UPS - Bus - Other: O. J. C. #113

Relinquished By: Matthew Gonzales

Date: 4/14/22

Time: 1409

Delivered By: (Circle One) O. J. C. O. S. e

Sampler - UPS - Bus - Other: O. J. C. #113

Received By: Shodeiquey

Date: 4/14/22

Time: 1409

Delivered By: (Circle One) O. J. C. O. S. e

Sampler - UPS - Bus - Other: O. J. C. #113

Phone Result: Yes No

Fax Result: Yes No

REMARKS: Same Day

Checked By: (Initials) SRE

Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Artesia State: NM zip: 88210

Phone #: 575.746.8768 Fax #:

Project #: 202520.022.01 Project Owner: Matador

Project Name: Ted Paup

Project Location: Eddy County, NH

Sampler Name: J. Carlos M. Gomez

FOR LAB USE ONLY

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11	5-167A 4'	C	1			X				4-14-21	10:30	X	X	X
12	5-168A 4'										10:35			
13	5-169A 4'										10:40			
14	5-170A 4'										10:45			
15	5-171A 4'										10:50			
16	5-172A 4'										10:55			
17	5-173A 4'										11:00			
18	5-174A 4'										11:05			
19	5-175A 4'										11:10			
20	5-176A 4'										11:15			

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Relinquished By: M. Newberry Date: 4/14/21 Received By: J. Rodriguez

Relinquished By: M. Newberry Date: 4/14/21 Received By: J. Rodriguez

Delivered By: (Circle One) UPS Older UPS Bus Other

Sampler - UPS - Bus - Other: Older UPS Bus Other

Sample Condition: Intact Broken

Checked By: SR

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Artesia State: NM zip: 88210

Phone #: 575.746.8768 Fax #:

Project #: 701530.021.01 Project Owner: Madador

Project Name: Ted Paep

Project Location: Eddy County, NM

Sampler Name: J. Carnes M. Gomez

FOR LAB USE ONLY

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HA21518														
21	5-177A 4'	L	1	X						4/4/21	11:20	X	X	X
22	5-178A 4'										11:25			
23	5-179A 4'										11:30			
24	5-180A 4'										11:35			
25	5-181A 4'										11:40			
26	5-182A 4'										11:45			
27	5-183A 4'										11:50			

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Relinquished By: MATTHEW GEMERT Date: 4/14/21 Received By: Shodderment

Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One) UPS 0.68 PC-0.5E Sample Condition: Cool Intact

Sampler - UPS - Bus - Other: 0.16 #113 Yes Yes

CHECKED BY: [Signature] (Initials)

Phone Result: Yes No Add'l Phone #: _____
Fax Result: Yes No Add'l Fax #: _____

REMARKS: _____

pg 3 of 3



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

April 18, 2022

REBECCA PONS
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: TED PAUP CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/14/22 14:09.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 1 A 4' (H221569-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	98.1	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	29.9	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 2 A 4' (H221569-02)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	20.4	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 3 A 4' (H221569-03)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	18.7	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 4 A 4' (H221569-04)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	17.7	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 22 A 5' (H221569-05)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 122 A 4' (H221569-06)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 123 A 4' (H221569-07)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 138 A 4' (H221569-08)

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	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 139 A 4' (H221569-09)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	22.5	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 140 A 4' (H221569-10)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 141 A 4' (H221569-11)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	10.7	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 142 A 8' (H221569-12)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	14.8	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 143 A 5' (H221569-13)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.00	100	2.00	3.76	
Toluene*	<0.050	0.050	04/15/2022	ND	1.98	99.2	2.00	4.78	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.90	94.8	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	5.85	97.5	6.00	5.61	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	209	104	200	11.8	
DRO >C10-C28*	10.8	10.0	04/15/2022	ND	209	105	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 144 A 5' (H221569-14)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01		
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35		
Total BTEX	<0.300	0.300	04/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/14/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	198	99.0	200	6.34		
DRO >C10-C28*	139	10.0	04/14/2022	ND	190	95.1	200	0.631		
EXT DRO >C28-C36	39.3	10.0	04/14/2022	ND						

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 145 A 5' (H221569-15)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01		
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35		
Total BTEX	<0.300	0.300	04/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/14/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	198	99.0	200	6.34		
DRO >C10-C28*	80.7	10.0	04/14/2022	ND	190	95.1	200	0.631		
EXT DRO >C28-C36	30.6	10.0	04/14/2022	ND						

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 146 A 5' (H221569-16)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01		
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35		
Total BTEX	<0.300	0.300	04/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/14/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	198	99.0	200	6.34		
DRO >C10-C28*	158	10.0	04/14/2022	ND	190	95.1	200	0.631		
EXT DRO >C28-C36	52.3	10.0	04/14/2022	ND						

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 147 A 5' (H221569-17)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01		
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35		
Total BTEX	<0.300	0.300	04/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/14/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	198	99.0	200	6.34		
DRO >C10-C28*	86.1	10.0	04/14/2022	ND	190	95.1	200	0.631		
EXT DRO >C28-C36	27.6	10.0	04/14/2022	ND						

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 148 A 5' (H221569-18)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.1 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 149 A 4' (H221569-19)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	170	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	47.1	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 150 A 4' (H221569-20)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	04/14/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	320	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	86.6	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 151 A 4' (H221569-21)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	129	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	39.6	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 135 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 152 A 4' (H221569-22)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 153 A 4' (H221569-23)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 154 A 4' (H221569-24)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 155 A 4' (H221569-25)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.0 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 156 A 4' (H221569-26)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	569	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	272	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 157 A 4' (H221569-27)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/14/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	134	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	57.1	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 158 A 4' (H221569-28)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 159 A 4' (H221569-29)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	105	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	39.8	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: N. SW - 3 (H221569-30)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: N. SW - 4 (H221569-31)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S. SW - 3 (H221569-32)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	36.9	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S. SW - 4 (H221569-33)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	6.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.00	99.8	2.00	7.40	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	1.99	99.6	2.00	6.29	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.07	101	6.00	8.35	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	198	99.0	200	6.34	
DRO >C10-C28*	431	10.0	04/15/2022	ND	190	95.1	200	0.631	
EXT DRO >C28-C36	105	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 1 (H221569-34)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	218	109	200	2.60	
DRO >C10-C28*	112	10.0	04/14/2022	ND	220	110	200	0.595	
EXT DRO >C28-C36	34.3	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 2 (H221569-35)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	04/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	218	109	200	2.60	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	0.595	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 3 (H221569-36)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	218	109	200	2.60	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	220	110	200	0.595	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 4 (H221569-37)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	218	109	200	2.60	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	220	110	200	0.595	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 5 (H221569-38)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	218	109	200	2.60		
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	220	110	200	0.595		
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND						

Surrogate: 1-Chlorooctane 141 % 66.9-136

Surrogate: 1-Chlorooctadecane 148 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 6 (H221569-39)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	0.079	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	0.449	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	0.578	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	12.4	10.0	04/15/2022	ND	218	109	200	2.60		
DRO >C10-C28*	58.0	10.0	04/15/2022	ND	220	110	200	0.595		
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND						

Surrogate: 1-Chlorooctane 138 % 66.9-136

Surrogate: 1-Chlorooctadecane 143 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 7 (H221569-40)

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	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	218	109	200	2.60		
DRO >C10-C28*	363	10.0	04/15/2022	ND	220	110	200	0.595		
EXT DRO >C28-C36	78.5	10.0	04/15/2022	ND						

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 156 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	TED PAUP CTB	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 8 (H221569-41)

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	04/15/2022	ND	2.07	103	2.00	1.01	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.14	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.865	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.29	105	6.00	1.68	
Total BTEX	<0.300	0.300	04/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/18/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/15/2022	ND	218	109	200	2.60	
DRO >C10-C28*	<10.0	10.0	04/15/2022	ND	220	110	200	0.595	
EXT DRO >C28-C36	<10.0	10.0	04/15/2022	ND					

Surrogate: 1-Chlorooctane 123 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes, A. Parra
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	ANALYSIS REQUEST					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :			Chlorides	TPH	BTEX			
11	S-141A 4'	C	1			Y					X	4-13-22	11:00	X	Y	X				
12	S-142A 8'																			
13	S-143A 5'																			
14	S-144A 5'																			
15	S-145A 5'																			
16	S-146A 5'																			
17	S-147A 5'																			
18	S-148A 5'																			
19	S-149A 4'																			
20	S-150A 4'																			

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Relinquished By: *James Cox* Date: 4/14/22 Received By: *Matthew Gomez*
 Time: 7:40
 Date: 4-14-22
 Time: 14:09
 Delivered By: (Circle One) *Matthew Gomez* Sample Condition: *Spodeionment*
 Sampler - UPS - Bus - Other: *0.0e1 C-0.5e* Cool Intact: Yes No
 Checked By: (Initials) *SG*
 Remarks: *0.0e #113*

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 702520.022.01

Project Name: Ted Paup

Project Location: Eddy County, NM

Sampler Name: J. Carnes, A. Parra

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :		
81	S-151A 4'	C	1			X				4-13-22	1:20
88	S-152A 4'										1:25
83	S-153A 4'										1:30
24	S-154A 4'										1:35
25	S-155A 4'										1:40
26	S-156A 4'										1:45
27	S-157A 4'										1:50
28	S-158A 4'										1:55
29	S-159A 4'										2:00
30	N.S.W-3										2:55

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Relinquished By: Amos King Date: 4/14/22 Received By: Matthew Benetz
 Time: 7:40

Delivered By: Matthew Benetz Date: 4:43a Received By: Shodriques
 Time: 1409

Sampler - UPS - Bus - Other: 0.00 C-0.50 Sample Condition: Intact CHECKED BY: SR
0.18 #113 Yes No

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS:

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

pg 3 of 5



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE
 Project Manager: R. Pons
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 702520.022.01 Project Owner: Matador
 Project Name: Ted Paup
 Project Location: Eddy County, NM
 Sampler Name: J. Carnes, A. Parra
 P.O. #:
 Company:
 Attn:
 Address:
 City:
 State:
 Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :	Chlorides	TPH	BTEX
4025109	N.SW-4	L	1			X				4-13-22	3:00	X	X	X			
	S.SW-3										3:05						
	S.SW-4										3:10						
	W.SW-1										2:15						
	W.SW-2										2:20						
	W.SW-3										2:25						
	W.SW-4										2:30						
	W.SW-5										2:35						
	W.SW-6										2:40						
	W.SW-7										2:45						

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Relinquished By: *James Cas* Date: 4/14/22 Received By: *Matthew Bower*
 Time: 7:40
 Date: 4-14-22 Received By: *Matthew Bower*
 Time: 14:09
 Delivered By: (Circle One) *UPS* *066JC-050* Sample Condition *Checked*
 Sampler - UPS - Bus - Other: *0.10 #113* Cool Impact Yes No
 Checked By: *SR* (Initials)

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 t Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326
 Pg 4 of 5



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 702520.022.01

Project Name: Ted Paup

Project Location: Eddy County, NM

Sampler Name: J. Carnes, A. Parra

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

#B01509
 411 W.SW-8

(G)RAB OR (C)OMP.
 # CONTAINERS
 GROUNDWATER
 WASTEWATER
 SOIL
 OIL
 SLUDGE
 OTHER :
 ACID/BASE:
 ICE / COOL
 OTHER :

DATE TIME
 4-13-22 2:50

Chlorides
 TPH
 BTEX

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Relinquished By: *James Carr*
 Date: 4/14/22
 Time: 7:40
 Received By: *Matthew Gomez*
 Date: 4/14/22
 Time: 14:09

Delivered By: (Circle One) *Matthew Gomez*
 Date: 4/14/22
 Time: 14:09
 Received By: *Shodriaun*

Sampler - UPS - Bus - Other: *018#113*
 Sample Condition
 Cool Yes No
 Intact Yes No
 CHECKED BY: *SR*
 (Initials)

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____
 Add'l Fax #: _____

REMARKS:

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pg 5 of 5



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

April 19, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 15:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 14 A 5' (H221586-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.10	105	2.00	1.38	
Toluene*	<0.050	0.050	04/19/2022	ND	2.10	105	2.00	1.28	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.02	101	2.00	1.95	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.31	105	6.00	2.95	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	247	123	200	3.95	
DRO >C10-C28*	139	10.0	04/19/2022	ND	182	90.9	200	5.87	
EXT DRO >C28-C36	101	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE

Project Manager: *R. Davis*

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 702520.022.01

Project Name: *Ted Paeg*

Project Location: *Eddy County, NM*

Sampler Name: *S. Garcia M. Gomez*

FOR LAB USE ONLY

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<i>H2215816</i>	<i>5-14 5'</i>	<i>1</i>	<i>1</i>	<input checked="" type="checkbox"/>						<i>4-14-22</i>	<i>12:00</i>	<i>Chlorides</i>
												<i>TPH</i>
												<i>BTEX</i>

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 analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: *4/18/22* Received By: *Matthew Gomez*
 Time: *2:07*

Delivered By: *Matthew Gomez* Date: *4-18-22* Received By: *[Signature]*
 Time: *13:25*

Sampler - UPS - Bus - Other: *4.1e C-D.5e* Sample Condition: *Intact* Checked By: *[Signature]*
3.6e #113 Cool Intact: Yes No

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: *Scene day*

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

April 19, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 15:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 1 B 5' (H221587-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 144 B 6' (H221587-02)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 145 B 6' (H221587-03)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 146 B 6' (H221587-04)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 147 B 6' (H221587-05)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 149 B 5' (H221587-06)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 150 B 6' (H221587-07)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 151 B 5' (H221587-08)

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	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.1 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 156 B 6' (H221587-09)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64		
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17		
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931		
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND						

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 157 B 5' (H221587-10)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64		
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17		
DRO >C10-C28*	14.0	10.0	04/19/2022	ND	219	109	200	0.931		
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND						

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 159 B 5' (H221587-11)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 160 B 7' (H221587-12)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.7 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 161 B 7' (H221587-13)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 165 B 7' (H221587-14)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 174 B 5' (H221587-15)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/18/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.6 % 59.5-142

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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 176 B 5' (H221587-16)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/19/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 182 B 5' (H221587-17)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/19/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S. SW - 4 A (H221587-18)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/19/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	26.1	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 1 A (H221587-19)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/19/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	15.4	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/18/2022	Sampling Date:	04/18/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	702520.022.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - EDDY CO NM		

Sample ID: W. SW - 7 A (H221587-20)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	2.01	100	2.00	1.64	
Toluene*	<0.050	0.050	04/19/2022	ND	2.01	101	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.92	96.0	2.00	2.15	
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.97	99.6	6.00	2.32	
Total BTEX	<0.300	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2022	ND	216	108	200	1.17	
DRO >C10-C28*	17.0	10.0	04/19/2022	ND	219	109	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: R. Pans
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 702520.032.01 Project Owner: Matador
 Project Name: T&E P&W
 Project Location: Eddy County, NM
 Sampler Name: S. Carins M. Gomez
 P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:
BILL TO

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H221587	5-18 5'	C	1			X				4-18-22	11:30	X Chlorides
	5-144B 6'										11:35	X TPH
	5-145B 6'										11:40	X BTEX
	5-146B 6'										11:45	
	5-147B 6'										11:50	
	5-149B 5'										11:55	
	5-150B 6'										12:05	
	5-151B 5'										12:00	
	5-156B 6'										12:10	
	5-157B 5'										12:15	

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Relinquished By: Matthew Carins
 Date: 4-18-22
 Time: 1525
 Received By: [Signature]
 Date: 4-18-22
 Time: 1525

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #:
 Add'l Fax #:
 REMARKS: Same day

Delivered By: (Circle One) 418 2-0-58
 Sampler - UPS - Bus - Other: 3.66 #113
 Sample Condition: Cool Intact
 Yes No
 CHECKED BY: [Signature]
 (Initials) AO

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

April 20, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TED PAUP FACILITY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/19/22 15:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	TED PAUP FACILITY TANK BATTERY	Sampling Condition:	** (See Notes)
Project Number:	702520.022.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - EDDY CO NM		

Sample ID: S - 14 B 5.5' (H221610-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	6.93		
Toluene*	<0.050	0.050	04/19/2022	ND	1.85	92.5	2.00	7.41		
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.76	87.8	2.00	7.28		
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.49	91.5	6.00	6.79		
Total BTEX	<0.300	0.300	04/19/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	04/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	207	103	200	1.24			
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	214	107	200	0.539			
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND							

Surrogate: 1-Chlorooctane 124 % 66.9-136

Surrogate: 1-Chlorooctadecane 145 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Talun LPE</u> Project Manager: <u>Rebecca Pons</u>		P.O. #: Company: Attn: Address: City: State: Zip:	
Address: City: State: Zip:		P.O. #: Company: Attn: Address: City: State: Zip:	
Project #: <u>76ASD.022001</u> Project Owner: <u>Mataador</u>		City: State: Zip:	
Project Name: <u>Ted Paup</u>		City: State: Zip:	
Project Location: <u>Eddy Co. NM</u>		Phone #: Fax #:	
Sampler Name: <u>Ko Taulor</u>		Phone #: Fax #:	
FOR LAB USE ONLY			
Lab I.D. <u>W2010</u>	Sample I.D. <u>S-14 B 5.5'</u>	(G)RAB OR (C)OMP. <u>C 1</u>	DATE <u>4-18-02</u> TIME <u>1430</u>
		# CONTAINERS	ANALYSIS REQUEST
		GROUNDWATER	
		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER :	
		ACID/BASE: ICE / COOL OTHER :	MATRIX
		PRESERV	SAMPLING
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.			
Relinquished By: <u>[Signature]</u>	Date: <u>4-19-02</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Date: <u>4-19-02</u>	Received By: <u>[Signature]</u>	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <u>24.88</u> Corrected Temp. °C <u>20.30</u>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Checked BY: <u>[Signature]</u>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sample Condition Observed Temp. °C Corrected Temp. °C
REMARKS: <u>Same day</u>			

† Cardinal cannot accept verbal changes. Please email changes to cely.keene@cardinallabsnm.com



Appendix V

NMOCD

C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2206640765
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Matador Production Company	OGRID: 228937
Contact Name: Arsenio T. Jones	Contact Telephone: 575-361-4333
Contact email: arsenio.jones@matadorresources.com	Incident # (assigned by OCD): nAPP2206640765
Contact mailing address: One Lincoln Centre Dallas, TX 75240	

Location of Release Source

Latitude 32.533 Longitude -104.087587 (location of source)
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Ted Paup Tank Battery	Site Type: CTB
Date Release Discovered: 03/07/2022	API# (if applicable) [fAPP2202572569]

Unit Letter	Section	Township	Range	County
E	33	20S	29E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 819	Volume Recovered (bbls) 260
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Fire and is under investigation

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2206640765
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The volume of release >25 bbl
---	---

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
 Notification was provided to the NMOCD on 03/07/2022 by Arsenio Jones of Matador (online).

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
--

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist
 Signature:  Date: 3/8/2022
 email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only
 Received by: Jocelyn Harimon Date: 03/14/2022

Incident ID	nAPP2206640765
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>90</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2206640765
District RP	
Facility ID	
Application ID	

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

Printed Name: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist

Signature:  Date: 3/8/2022

email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

OCD Only

Received by: _____ Date: _____

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 89156

COMMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 89156
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	C-141 Pgs. 3-4 were submitted without supporting documents.	4/14/2022

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 89156

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 89156
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	C-141 Pgs. 3-4 were submitted without supporting documents and therefore cannot be reviewed. Please resubmit with the appropriate supporting documents.	4/14/2022

Rebecca Pons

From: Rebecca Pons
Sent: Tuesday, March 22, 2022 3:09 PM
To: Enviro, OCD, EMNRD
Cc: Arsenio Jones
Subject: Incident nAPP2206640765

Good Afternoon,
Please accept this email as 48 hour advance notification of a confirmation sampling event at the Ted Paup Tank Battery for the referenced incident number on March 24, 2022.

Respectfully,

Rebecca Pons

Rebecca Pons
Senior Environmental Project Manager

Office: 575.746.8768 x708

Direct: 575.616.4023

Cell: 575.441.0980

Fax: 575.746.8905

Emergency: 866.742.0742

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District I
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District III
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 118029

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 118029
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2206640765 TED PAUP TANK BATTERY, thank you. This closure is approved.	10/25/2022