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## Reclamation Plan

Middlebrook 3 #001  
Chaves County, New Mexico  
**Incident # nAPP2208957138**

## Prepared For:

Wespac Energy  
8620 North New Braunfels Ave.  
San Antonio, Texas 78217

## Prepared By:

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

**January 29, 2024**

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**Bureau of Land Management**

2909 W. 2<sup>nd</sup> Street  
Roswell, New Mexico 88201

Subject: **Reclamation Plan**  
Middlebrook 3 #001  
Chaves County, New Mexico  
Incident # nAPP2208957138

To Whom it May Concern,

Wespac Energy contracted Talon/LPE (Talon) to perform site characterization and assessment services at the above referenced location. The incident description, soil sampling results and proposed reclamation actions are presented herein.

**Site Information**

The Middlebrook 3 #001 is located approximately 35 miles northwest of Tatum, New Mexico. The legal location for this release is Unit Letter K, Section 03, Township 10 South and Range 30 East in Chaves County, New Mexico. More specifically the latitude and longitude for the release are 33.472975 and -103.872373. Site maps are presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in the area is made up of Roswell-Jalmar fine sands with 2 to 25 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology consists of eolian and piedmont deposits, Holocene to middle Pleistocene in age. 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 52 feet below ground surface (bgs). However, this well is located over 0.5 miles from the subject site. On August 8, 2023, a temporary well (TW-1) was drilled to a depth of 101 feet bgs in the southeastern corner of the pad location of Middlebrook 3 #001, to conclusively determine the presence or absence of groundwater at that depth. Groundwater was not encountered at 101 feet bgs. See [Appendix II](#) for the boring log. The FEMA Flood Map Service Center does not locate the site in a 100-year flood plain. Further research of the Bureau of Land Management Karst data indicates the site is not located in a high potential Karst area. See [Appendix II](#) for the complete site characterization data.

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 in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 NMAC.

**Approximate Depth to Groundwater > 100 feet/bgs**

- Yes  No Within 300 feet of any continuously flowing watercourse or any other significant watercourse
- Yes  No Within 200 feet of any lakebed, sinkhole or a playa lake
- Yes  No Within 300 feet from an occupied permanent residence, school, hospital, institution or church
- Yes  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
- Yes  No Within 1000 feet of any freshwater well or spring
- Yes  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
- Yes  No Within 300 feet of a wetland
- Yes  No Within the area overlying a subsurface mine
- Yes  No Within an unstable area
- Yes  No Within a 100-year floodplain

The upper four (4) feet of impacted soil are subject to the most stringent New Mexico Administrative Code (NMAC) Table I standards. With the verified depth to groundwater being greater than 101 feet bgs, the clean up criteria for impacted soils below 4' bgs (> 100') is also listed below.

Table I Closure Criteria for Soils Impacted by a Release			
Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
0-50 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

Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
> 100 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 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 30, 2022, Ford Resources filed an initial C-141 form for historical releases at the site. The historical release was reported to the NMOCD and was assigned incident # nAPP2208957138.

An initial C-141 spill notification was filed with the NMOCD and is attached in [Appendix III](#).

### Site Assessment Activities

On August 8, 2023, Talon personnel were onsite to complete the temporary well (TW-1 at 101' bgs) to verify the depth to groundwater at the site and to determine vertical delineation of the former drilling pit (boring, B-1 at 50' bgs).

On September 20, 2023, Talon personnel conducted a site assessment by collecting soil assessment samples from test trenches completed by a backhoe within the release area.

Twenty-seven samples were collected from the pad and the boundary of the former pit located north of the pad. Two (2) test trenches (S-5 and S-6) located in the northwest corner of the pad indicated total chloride concentrations above 600 mg/kg in the subsurface. The remaining sample locations provided horizontal delineation throughout the site.

On October 23, 2023, Talon was onsite to attempt vertical chloride delineation to 600 mg/kg for total chlorides at S-6. A depth of 20 feet bgs and delineation was achieved at S-6 utilizing a Geoprobe rig (direct push technology). Horizontal delineation was completed along the western edge of the pad with the sample, S-28, and around the edge of the former pit with sample points, S-29, S-30, S-31, and S-32.

The soil samples were properly packaged in laboratory provided glassware, preserved on ice in the custody of Talon personnel, and transported to Cardinal Laboratories for analysis of Total Chlorides (SM4500Cl-B), Total Petroleum

Hydrocarbons (TPH via EPA Method 8015M), and Volatile Organics (BTEX, EPA Method 8021B).

Results from the assessment sampling events are presented on the following data tables and the complete laboratory reports can be found in [Appendix VI](#). Sample locations are shown on the attached Figure 1 in [Appendix I](#). Photographic documentation outlining the release is included in [Appendix IV](#).

**Table 1**  
*Soil Assessment Laboratory Results*

Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX 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			10 mg/kg	50 mg/kg	DRO + GRO combined = 1000 mg/kg			2500 mg/kg	20,000 mg/kg
B-1	8/8/2023	0-2'	ND	0.152	ND	105	29.1	134.1	2400
	8/8/2023	5'	ND	0.721	25.9	113	23.3	162.2	5440
	8/8/2023	10'	ND	ND	ND	13.8	ND	13.8	11700
	8/8/2023	15'	ND	ND	ND	48.9	ND	48.9	3400
	8/8/2023	20'	ND	ND	ND	ND	ND	0	9360
	8/8/2023	30'	ND	ND	ND	ND	ND	0	2080
	8/8/2023	40'	ND	ND	ND	ND	ND	0	400
	8/8/2023	50'	ND	ND	ND	ND	ND	0	128
S-1	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
	9/20/2023	2'	ND	ND	ND	ND	ND	0	ND
	9/20/2023	5'	ND	ND	ND	ND	ND	0	32
S-2	9/20/2023	1'	ND	ND	ND	ND	ND	0	32
	9/20/2023	2'	ND	ND	ND	ND	ND	0	64
	9/20/2023	5'	ND	ND	ND	ND	ND	0	80
S-3	9/20/2023	1'	ND	ND	ND	ND	ND	0	16
	9/20/2023	2'	ND	ND	ND	ND	ND	0	112
	9/20/2023	4'	ND	ND	ND	ND	ND	0	272
S-4	9/20/2023	1'	ND	ND	ND	ND	ND	0	16
	9/20/2023	2'	ND	ND	ND	ND	ND	0	64
	9/20/2023	4'	ND	ND	ND	ND	ND	0	432
S-5	9/20/2023	2'	ND	ND	ND	ND	ND	0	96
	9/20/2023	4'	ND	ND	ND	ND	ND	0	720
	9/20/2023	8'	ND	ND	ND	ND	ND	0	1060
	9/20/2023	13'	ND	ND	ND	ND	ND	0	352

Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
<b>NMOCD Table 1 Closure Criteria 19.15.29 NMAC</b>			<b>10 mg/kg</b>	<b>50 mg/kg</b>	<b>DRO + GRO combined = 1000 mg/kg</b>			<b>2500 mg/kg</b>	<b>20,000 mg/kg</b>
<b>S-6</b>	9/20/2023	2'	ND	ND	ND	ND	ND	0	80
	9/20/2023	4'	ND	ND	ND	ND	ND	0	1170
	9/20/2023	8'	ND	ND	ND	ND	ND	0	880
	9/20/2023	10'	ND	ND	ND	ND	ND	0	928
	10/23/2023	20' R	ND	ND	ND	ND	ND	0	512
<b>S-7</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	32
<b>S-8</b>	9/20/2023	1'	ND	ND	ND	22.8	ND	22.8	80
<b>S-9</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	32
<b>S-10</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	96
<b>S-11</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	32
<b>S-12</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	16
<b>S-13</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
<b>S-14</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
<b>S-15</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	32
<b>S-16</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	80
<b>S-17</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	16
<b>S-18</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	16
<b>S-19</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
<b>S-20</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
<b>S-21</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	32
<b>S-22</b>	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND

Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
<b>NMOCD Table 1 Closure Criteria 19.15.29 NMAC</b>			<b>10 mg/kg</b>	<b>50 mg/kg</b>	<b>DRO + GRO combined = 1000 mg/kg</b>			<b>2500 mg/kg</b>	<b>20,000 mg/kg</b>
S-23	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
S-24	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
S-25	9/20/2023	1'	ND	ND	ND	ND	ND	0	16
S-26	9/20/2023	1'	ND	ND	ND	ND	ND	0	16
S-27	9/20/2023	1'	ND	ND	ND	ND	ND	0	ND
	9/20/2023	2'	ND	ND	ND	ND	ND	0	ND
	9/20/2023	4'	ND	ND	ND	ND	ND	0	448
S-28	10/23/2023	1'	ND	ND	ND	ND	ND	0	ND
S-29	10/23/2023	1'	ND	ND	ND	ND	ND	0	ND
S-30	10/23/2023	1'	ND	ND	ND	ND	ND	0	ND
S-31	10/23/2023	1'	ND	ND	ND	ND	ND	0	32
S-32	10/23/2023	1'	ND	ND	ND	ND	ND	0	ND

**NOTES:**

- BGS** Below ground surface
- mg/kg** Milligrams per kilogram
- TPH** Total Petroleum Hydrocarbons
- GRO** Gasoline range organics
- DRO** Diesel range organics
- MRO** Motor oil range organics
- S** Sample
- R** Refusal
- ND** Analyte Not Detected

**Highlighted cells indicate exceedance of NMOCD Table 1 Closure Criteria**

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### Proposed Remedial Actions

- The area in the vicinity of sample locations S-5 and S-6 will be excavated to a depth of four (4) feet bgs. Horizontal sidewall confirmation samples will be collected per NMOCD closure criteria.
- The former pit drilling pit, north of the pad, B-1, will be excavated to four (4) feet bgs. The non-vegetated area of the former pit will be horizontally extended to the sample locations of S-29, S-30, S-31, and S-32.
- The final closure report will be submitted to the NMOCD for incident # nAPP2208957138.
- All contaminated soil will be transported to a New Mexico Oil Conservation District (NMOCD) approved solid waste disposal facility.
- All excavated areas will be backfilled with locally sourced, clean, non-impacted topsoil. The reclaimed areas will be contoured to match the surrounding terrain. No slopes will exceed a 3:1, rise to run.
- Site seed bed preparation will include cross ripping with a dozer to decrease soil compaction, increase nutrient movement within the soil, and to facilitate vegetative growth. An application of a high yield nitrogen fertilizer will be applied.
- Seeding will be conducted within 10 days of final site preparation. In accordance with manufacture specified application rates, the site will be seeded with BLM #2 seed mixture for sandy soils utilizing a Culti-Pack seed drill.
- Water bars will be created as erosion control structures up gradient of the reclaimed areas on pad to prevent sheeting during rainfall events.
- The eastern edge of the pad will be bermed to discourage vehicles from entering the reclaimed areas. The berms will be machine-compacted at least three (3) feet in height and will extend three (3) feet beyond the former well pad on each side. Seeds will be hand broadcast on the berms to encourage stabilization.
- Remaining clean, non-impacted caliche (not used for the access impediment berm) will be deep buried on site.
- The lease road running north and south along the east side of the location will not be directly affected by the reclamation efforts as not to impede access to other facilities in the area.

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### Proposed Remedial Actions (Continued)

- Remediation and reclamation activities will be documented with photographs timestamped with GPS data.
- Annual inspections will take place on the location until revegetation is consistent with local natural vegetation density.
- If noxious weeds are determined to be present, i.e. African Rue, they will be treated with imazapyr and thereafter monitored on a yearly basis, at minimum. BLM will be contacted in the event that noxious weeds are discovered and a more formal control plan is required.
- Remediation/reclamation will begin within 30 days of authorization to proceed from client.
- The BLM will be notified at least two (2) business days prior to commencement of any reclamation operations.
- A closure report documenting all remediation and reclamation activities, including photo documentation and a Final C-141 Form, will be provided to the BLM upon project completion.

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### Work Request

Based on this site characterization and analytical results, we respectfully request that Talon/LPE be granted clearance to complete the aforementioned remedial and reclamation actions.

Respectfully submitted,

Talon/LPE

Kayla Taylor  
Project Manager

David J. Adkins  
Regional Manager

Attachments:

Appendix I Site Maps

Appendix II Boring Log, Groundwater Data, Soil Data, FEMA Flood Map

Appendix III C-141 Form

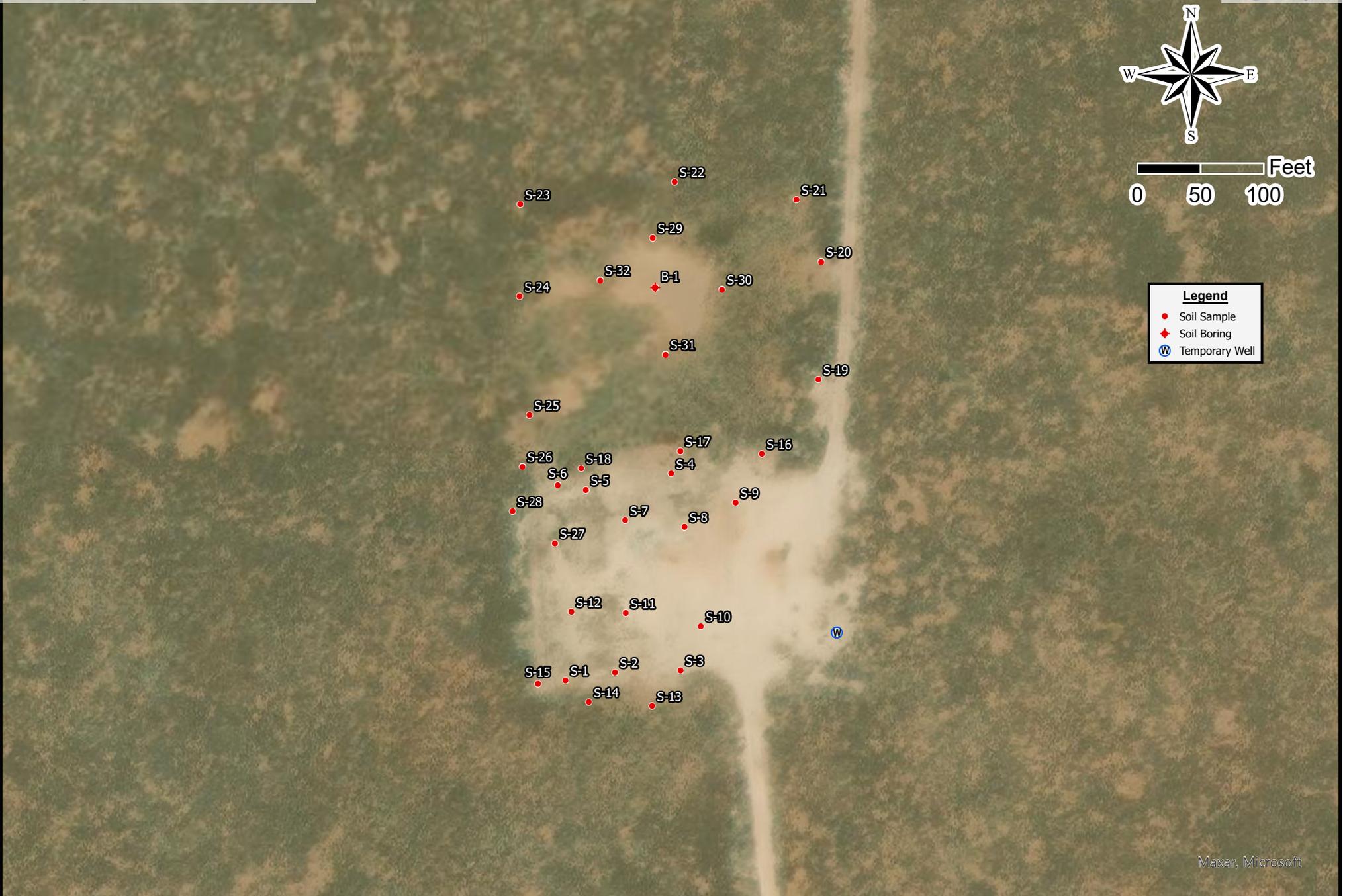
Appendix IV Photographic Documentation

Appendix V Laboratory Data



## APPENDIX I

### Site Maps

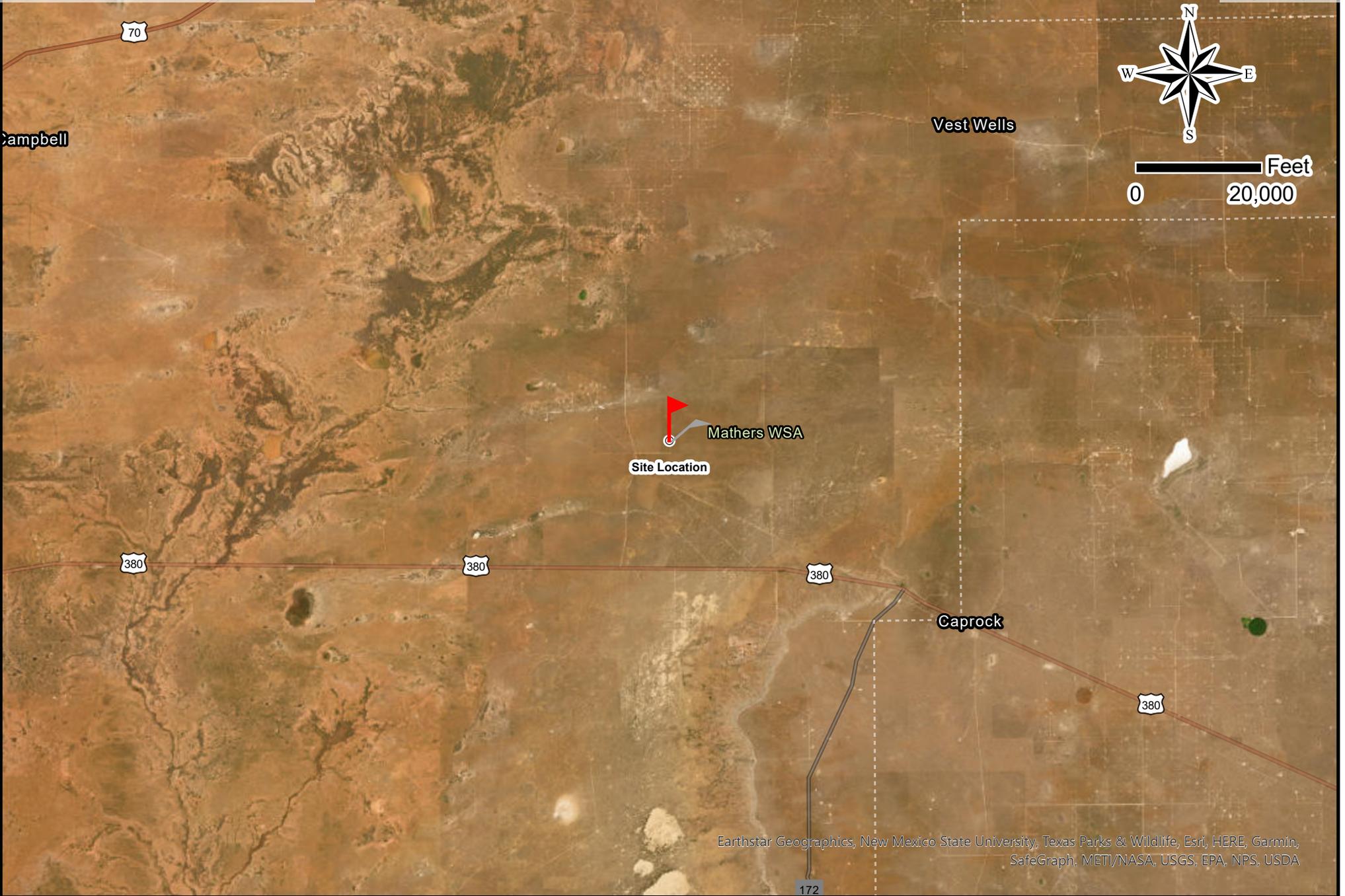


Maxar, Microsoft



Drafted: 11/13/2023  
 1 in = 100 ft  
 Drafted By: IJR

Ford Resources  
 Middlebrook 3 #1  
 Chaves County, New Mexico  
 Figure 1 - Site Assessment Map

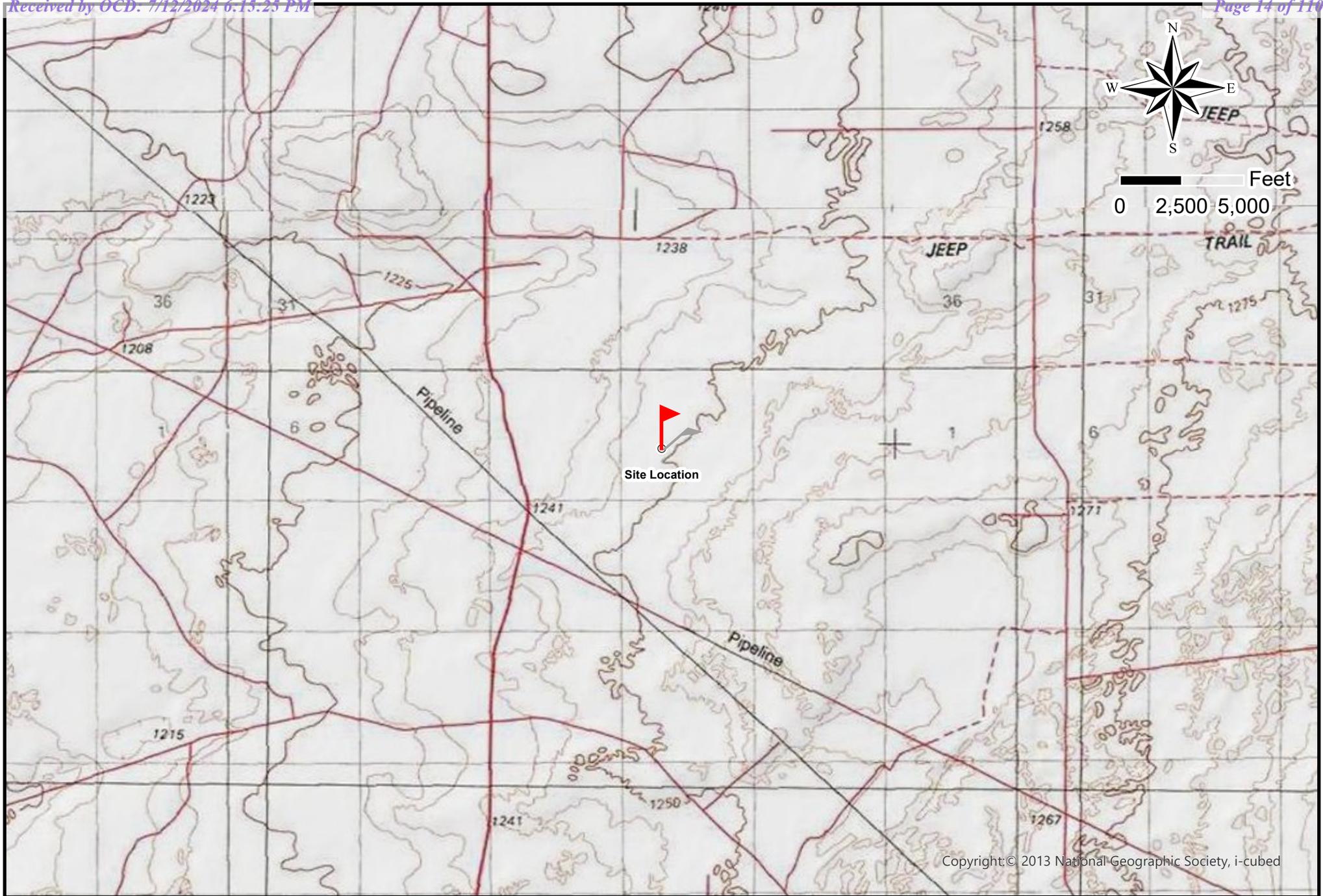


Earthstar Geographics, New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA



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 1 in = 20,000 ft  
 Drafted By: IJR

Ford Resources  
 Middlebrook 3 #1  
 Chaves County, New Mexico  
 Figure 2 - Site Location Map



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 Drafted By: IJR

Ford Resources  
 Middlebrook 3 #1  
 Chaves County, New Mexico  
 Figure 3 - Topographic Map



## APPENDIX II

Boring Log

Groundwater Data

Soil Survey

FEMA Flood Map

### SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Middlebrook 3 #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700497.002.01</u>	DRILLER: <u>Zachariah Moody</u>
CLIENT: <u>Ford Resources</u>	DRILLING METHOD: <u>Air Rotary</u>
BORING / WELL NUMBER: <u>B-1</u>	BORE HOLE DIAMETER: _____
TOTAL DEPTH: <u>50</u>	SCREEN: Diam. _____ Length _____ Slot Size _____
SURFACE ELEVATION: _____	CASING: Diam. _____ Length _____ Type _____
GEOLOGIST: <u>David Addkins</u>	DATE DRILLED: <u>August 8, 2023</u>
LATITUDE: <u>33.473702</u>	LONGITUDE: <u>-103.872376</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
0									
	SC							75% Clay, 25% Sand, 5YR 3/2 Dark Reddish Brown, Moist, Clayey Sand with Fine Gravel, Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor	
	SC							75% Clay, 25% Sand, 5YR 4/4 Reddish Brown, Moist, Clayey Sand, Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor	
	SC							70% Clay, 30% Sand, 5YR 6/4 Light Reddish Brown, Moist, Clayey Sand with Fine Gravel, Very Soft, Low Plasticity, No Odor	
10	SC							75% Clay, 25% Sand, 5YR 4/3 Reddish Brown, Moist, Clayey Sand with Fine Gravel, Sub Rounded Fine Sand, Low Plasticity, No Odor	
	SC							75% Clay, 25% Sand, 5YR 4/3 Reddish Brown, Moist, Clayey Sand with Fine Gravel, Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor	
20	SC							75% Clay, 25% Sand, 2.5YR 3/4 Dark Reddish Brown, Moist, Clayey Sand with Fine Gravel, Sub Rounded Fine Sand, Medium Soft, Low Plasticity, No Odor	
30	SW						30'	50% Clay, 50% Sand, 5YR 4/3 Reddish Brown, Moist, Well Graded Sand, Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor	
40	SC						40'	75% Clay, 25% Sand, 5YR 4/2 Dark Reddish Gray, Moist, Clayey Sand, Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor	
50							50'	Bottom of Hole	
60									

REMARKS: THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.

Ground Water Not Encountered 50' Bgs



### SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Middlebrook 3 #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700497.002.01</u>	DRILLER: <u>Zachariah Moody</u>
CLIENT: <u>Ford Resources</u>	DRILLING METHOD: <u>Air Rotary</u>
BORING / WELL NUMBER: <u>TW-1</u>	BORE HOLE DIAMETER: _____
TOTAL DEPTH: <u>101</u>	SCREEN: Diam. _____ Length _____ Slot Size _____
SURFACE ELEVATION: _____	CASING: Diam. _____ Length _____ Type _____
GEOLOGIST: <u>David Addkins</u>	DATE DRILLED: <u>August 8, 2023</u>
LATITUDE: <u>33.472879</u>	LONGITUDE: <u>-103.871924</u>

PAGE 1 of 2

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)	
0	SP						2'	90% Sand, 5YR 4/4 Reddish Brown, Dry Poorly Graded Sand Round Sand, No Plasticity, Very Soft, No Odor		
	SC						5'	80% Sand, 15% Clay, 5% Gravel, 6/4 Light Reddish-Brown Clayey Sand with Gravel, Dry, Rounded, Very Soft, Low Plasticity, No Odor		
	CL						10'	65% Clay, 30% Sand, 5% Gravel, 5YR 6/3 Light Reddish Brown, Dry, Lean Clay with Gravel, Fine Gravel, Low Plasticity, Sub Angular, Soft, No Odor		
10	SM								65% Clay, 20% Silt, 15% Sand, 5YR 6/3 Light Reddish Brown, Dry, Soft Silty Clay Sand, Sub Angular, Very Soft, Low Plasticity, No Odor	
	SM								65% Clay, 20% Silt, 15% Sand, 5YR 5/3 Reddish Brown, Dry, Medium Soft Clayey Sand, Sub Angular, Low Plasticity, No Odor	
20	SC						20'		75% Clay, 25% Sand, 2.5YR 4/4 Reddish Brown, Dry, Clayey Sand Sub Rounded Fine Sand, Low Plasticity, No Odor	
	SC								75% Clay, 25% Sand, 2.5YR 4/3 Reddish Brown, Dry, Clayey Sand Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor	
30	SC							70% Clay, 30% Sand, 5YR 5/2 Reddish Gray, Dry, Clayey Sand Sub Rounded Fine Sand, Soft Low Plasticity, No Odor		
40	SC							75% Clay, 25% Sand, 2.5Y 6/2 Light Brownish Gray, Clayey Sand, Sub Rounded Fine Sand, Medium Soft, Low Plasticity, No Odor		
50	SC							75% Clay, 25% Sand, 2.5YR 3/4 Dark Reddish Brown, Moist, Clayey Sand, Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor		
60	SC							75% Clay, 25% Sand, 2.5YR 3/4 Dark Reddish Brown, Moist, Clayey Sand, Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor		

REMARKS: THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.  
Groundwater Not Encountered - 72hrs 101bgs



### SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Middlebrook 3 #1</u>	DRILLING COMPANY: <u>Talon/LPE</u>
PROJECT NUMBER: <u>700497.002.01</u>	DRILLER: <u>Zachariah Moody</u>
CLIENT: <u>Ford Resources</u>	DRILLING METHOD: <u>Air Rotary</u>
BORING / WELL NUMBER: <u>TW-1</u>	BORE HOLE DIAMETER: _____
TOTAL DEPTH: <u>101</u>	SCREEN: Diam. _____ Length _____ Slot Size _____
SURFACE ELEVATION: _____	CASING: Diam. _____ Length _____ Type _____
GEOLOGIST: <u>David Addkins</u>	DATE DRILLED: <u>August 8, 2023</u>
LATITUDE: <u>33.472879</u>	LONGITUDE: <u>-103.871924</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
70	SC							65% Clay, 35% Sand, 2.5 YR 3/4 Dark Reddish Brown, Moist, Clayey Sand Sub Rounded Fine Sand, Soft, Low Plasticity, No Odor	
80	SC							65% Clay, 35% Sand, 2.5YR 3/4 Dark Reddish Brown, Moist, Clayey Sand Sub Rounded Fine Sand, Medium Soft, Medium Soft, Low Plasticity, No Odor	
90	SC							70% Clay, 30% Sand, 2.5YR 3/4 Dark Reddish Brown, Moist, Clayey Sand, Sub Rounded Fine Sand, Medium Soft, Low Plasticity, No Odor	
100							101'	Bottom of Hole	
110									
120									

REMARKS: THIS BORING LOG SHOULD NOT BE USED SEPARATE FROM THE ORIGINAL REPORT.  
Groundwater Not Encountered - 72hrs 101bgs



# KEY TO SYMBOLS

Symbol Description

## Strata symbols

 Clayey sand/  
Low plasticity clay

 Well graded sand

 Poorly graded sand

 Low plasticity  
clay

 Silty sand (SM)

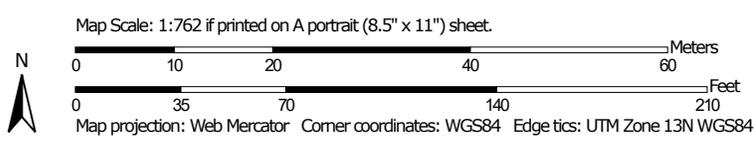
## Monitor Well Details

 Plugged Soil Boring

Soil Map—Chaves County, New Mexico, Northern Part  
(Middlebrook3 #001)



Soil Map may not be valid at this scale.



Soil Map—Chaves County, New Mexico, Northern Part  
(Middlebrook3 #001)

**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

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

**Water 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 1:24,000.

**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: Chaves County, New Mexico, Northern Part  
Survey Area Data: Version 19, Sep 7, 2023

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

Date(s) aerial images were photographed: Feb 5, 2021—Feb 8, 2021

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.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RPD	Roswell-Jalmar fine sands, hilly	3.0	100.0%
<b>Totals for Area of Interest</b>		<b>3.0</b>	<b>100.0%</b>

Map Unit Description: Roswell-Jalmar fine sands, hilly---Chaves County, New Mexico, Northern Part

Middlebrook3 #001

## Chaves County, New Mexico, Northern Part

### RPD—Roswell-Jalmar fine sands, hilly

#### Map Unit Setting

*National map unit symbol:* dm1q

*Elevation:* 2,750 to 4,500 feet

*Mean annual precipitation:* 10 to 17 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 240 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Roswell and similar soils:* 60 percent

*Jalmar and similar soils:* 35 percent

*Minor components:* 5 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Roswell

##### Setting

*Landform:* Dunes

*Landform position (two-dimensional):* Summit, shoulder

*Landform position (three-dimensional):* Crest

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Eolian deposits

##### Typical profile

*H1 - 0 to 15 inches:* fine sand

*H2 - 15 to 60 inches:* fine sand

##### Properties and qualities

*Slope:* 2 to 25 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (6.00 to 20.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 5 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Low (about 4.5 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

Map Unit Description: Roswell-Jalmar fine sands, hilly---Chaves County, New Mexico, Northern Part

Middlebrook3 #001

*Hydrologic Soil Group:* A  
*Ecological site:* R070BY061NM - Sandhills  
*Hydric soil rating:* No

## Description of Jalmar

### Setting

*Landform:* Interdunes  
*Landform position (two-dimensional):* Footslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Alluvial and eolian deposits

### Typical profile

*H1 - 0 to 34 inches:* fine sand  
*H2 - 34 to 60 inches:* fine sand

### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Very low  
*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (6.00 to 20.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 7 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 2.0  
*Available water supply, 0 to 60 inches:* Low (about 3.6 inches)

### Interpretive groups

*Land capability classification (irrigated):* 4e  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* A  
*Ecological site:* R070BY055NM - Sandy Plains  
*Hydric soil rating:* No

## Minor Components

### Malstrom

*Percent of map unit:* 2 percent  
*Ecological site:* R070BY055NM - Sandy Plains  
*Hydric soil rating:* No

### Playa

*Percent of map unit:* 1 percent  
*Landform:* Playas  
*Landform position (three-dimensional):* Dip  
*Down-slope shape:* Concave  
*Across-slope shape:* Concave

Map Unit Description: Roswell-Jalmar fine sands, hilly---Chaves County, New Mexico, Northern Part

Middlebrook3 #001

*Ecological site:* R077CY027TX - Playa 16-21" PZ  
*Hydric soil rating:* Yes

**Faskin**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BY055NM - Sandy Plains  
*Hydric soil rating:* No

**Pyote**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BY055NM - Sandy Plains  
*Hydric soil rating:* No

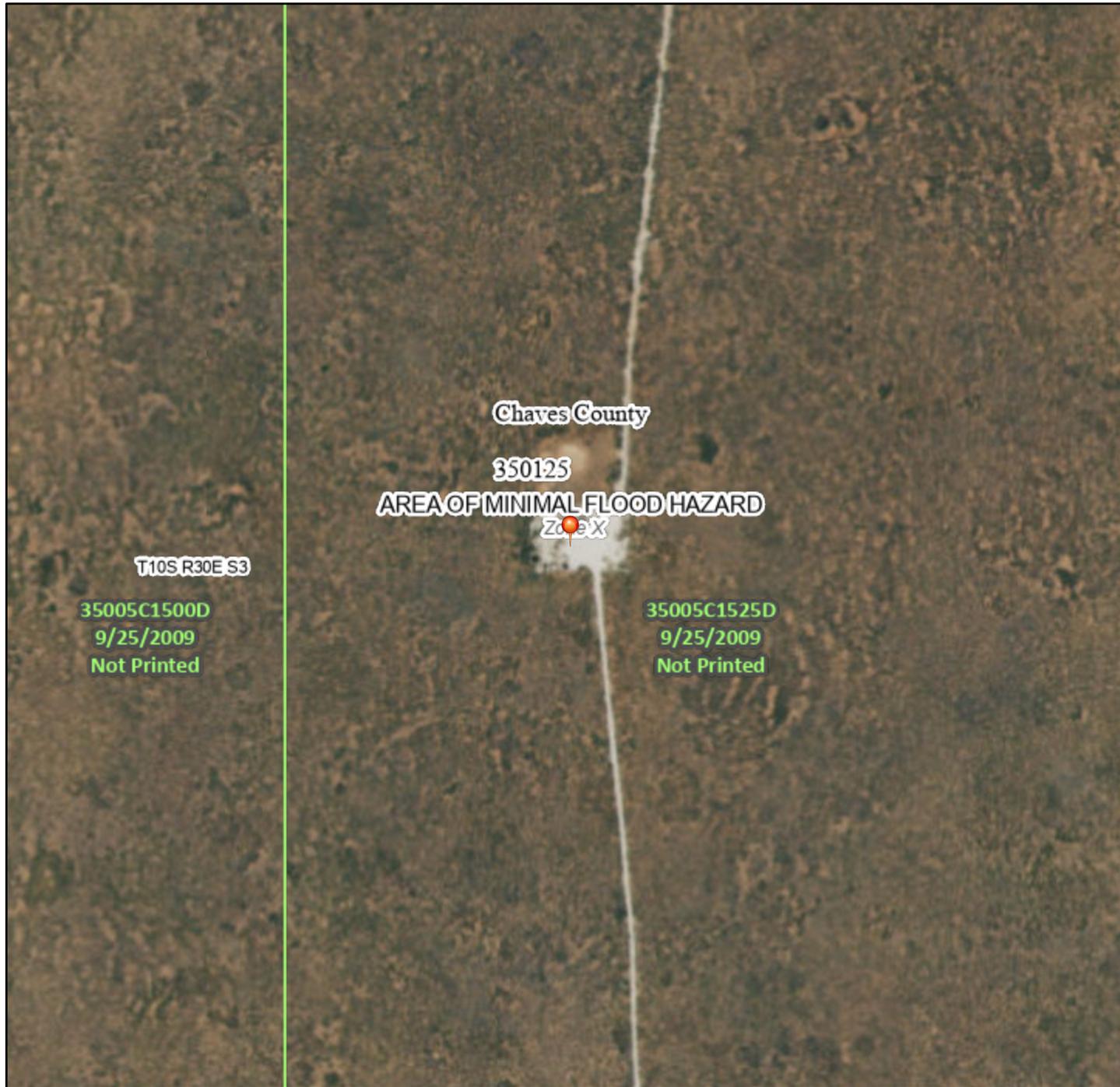
## Data Source Information

Soil Survey Area: Chaves County, New Mexico, Northern Part  
Survey Area Data: Version 19, Sep 7, 2023

# National Flood Hazard Layer FIRMMette



103°52'39"W 33°28'38"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/7/2023 at 12:40 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



1:6,000

103°52'2"W 33°28'8"N



## APPENDIX III

C-141 Form

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	NAPP2208957138
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party Wespac <b>Energy</b>	OGRID 260245
Contact Name Kyle Ford	Contact Telephone (830) 214-5308
Contact email kford@fordresources.com	Incident # (assigned by OCD) <b>NAPP 2208957138</b>
Contact mailing address <b>kford@fordresources.com</b>	

### Location of Release Source

Latitude 33.472975 Longitude -103.872373  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name <b>Middlebrook 3 #001</b>	Site Type <b>Well pad</b>
Date Release Discovered : Historical	API# (if applicable) <b>30-005-21062</b>

Unit Letter	Section	Township	Range	County
<b>K</b>	<b>03</b>	<b>10S</b>	<b>30E</b>	<b>Chavez</b>

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 type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<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?	Yes <input 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: Historical release

State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2208957138
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### 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 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: <b>There was no need for berms or containment devices.</b>
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: <u>Kyle A Ford</u> Title: <u>Manager</u> Signature: <u>[Handwritten Signature]</u> Date: <u>3/30/22</u> email: <u>KFord@fordresources.com</u> Telephone: <u>(210) 310-3135</u>
<b>OCD Only</b> Received by: <u>Jocelyn Harimon</u> Date: <u>03/30/2022</u>



## APPENDIX IV

### Photographic Documentation



**Photograph No.1**  
**Description:**

Drilling of TW-1 along the eastern edge of the pad.



**Photograph No.2**  
**Description:**

Drilling of B-1 in the former pit.



**Photograph No.3**  
**Description:**

Soil assessment of the pad.



**Photograph No.4**  
**Description:**

Former pad north of the pad area.



## APPENDIX V

### Laboratory Reports



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

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August 16, 2023

DAVID ADKINS  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: MIDDLE BROOKE

Enclosed are the results of analyses for samples received by the laboratory on 08/10/23 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 0-2' (H234305-01)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
<b>Total Xylenes*</b>	<b>0.152</b>	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	GC-NC1
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2400</b>	16.0	08/14/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	172	86.0	200	4.87	
<b>DRO &gt;C10-C28*</b>	<b>105</b>	10.0	08/14/2023	ND	165	82.3	200	0.217	
<b>EXT DRO &gt;C28-C36</b>	<b>29.1</b>	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 5' (H234305-02)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
<b>Toluene*</b>	<b>0.055</b>	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
<b>Ethylbenzene*</b>	<b>0.073</b>	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
<b>Total Xylenes*</b>	<b>0.593</b>	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	GC-NC1
<b>Total BTEX</b>	<b>0.721</b>	0.300	08/15/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5440</b>	16.0	08/14/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>25.9</b>	10.0	08/14/2023	ND	172	86.0	200	4.87	
<b>DRO &gt;C10-C28*</b>	<b>113</b>	10.0	08/14/2023	ND	165	82.3	200	0.217	
<b>EXT DRO &gt;C28-C36</b>	<b>23.3</b>	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 10' (H234305-03)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11700	16.0	08/14/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	172	86.0	200	4.87	
<b>DRO &gt;C10-C28*</b>	<b>13.8</b>	10.0	08/14/2023	ND	165	82.3	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 15' (H234305-04)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3400</b>	16.0	08/14/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	172	86.0	200	4.87	
<b>DRO &gt;C10-C28*</b>	<b>48.9</b>	10.0	08/14/2023	ND	165	82.3	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 20' (H234305-05)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9360	16.0	08/14/2023	ND	400	100	400	3.92	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2023	ND	172	86.0	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	165	82.3	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 30' (H234305-06)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	08/14/2023	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	08/14/2023	ND	172	86.0	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	165	82.3	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 40' (H234305-07)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/14/2023	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	08/14/2023	ND	172	86.0	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	165	82.3	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/10/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	MIDDLE BROOKE	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	ROSEVELT		

**Sample ID: B - 1 50' (H234305-08)**

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	08/15/2023	ND	2.01	101	2.00	0.732	
Toluene*	<0.050	0.050	08/15/2023	ND	1.91	95.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.96	97.8	2.00	0.213	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.88	98.1	6.00	0.294	
Total BTEX	<0.300	0.300	08/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/14/2023	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	08/14/2023	ND	172	86.0	200	4.87	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	165	82.3	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by 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

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE  
 Project Manager: G. Hensley David Adkins  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #:   
 Project #: 700497.003.01 Project Owner:   
 Project Name: Middle Brooke  
 Project Location: Rosevelt  
 Sampler Name: N. Rose  
 P.O. #:   
 Company: Talon Lpe  
 Attn: D. Adkins  
 Address:   
 City:   
 State: Zip:   
 Phone #:   
 Fax #:   
 PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H234305	B-1 0-2'	G	1								8/8/23	0818	✓	✓	✓
	5'	G	1									0826	✓	✓	✓
	10'	G	1									0835	✓	✓	✓
	15'	G	1									0841	✓	✓	✓
	20'	G	1									0849	✓	✓	✓
	30'	G	1									0909	✓	✓	✓
	40'	G	1									0921	✓	✓	✓
	50'	G	1									0941	✓	✓	✓

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Relinquished By:

Relinquished Date: 8/10/23 Time: 1:30

Received By:

Received Date:   
 Time:   
 State: Zip:   
 Phone #:   
 Fax #:   
 PRESERV. SAMPLING

Delivered By: (Circle One) UPS 29 #140

Sampler - UPS - Bus - Other:  Yes  No

Sample Condition:  Intact  Cool  Yes  No

CHECKED BY:

REMARKS:

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

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



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September 29, 2023

DAVID ADKINS  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: MIDDLEBROOK 3

Enclosed are the results of analyses for samples received by the laboratory on 09/26/23 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 1 @ 1' (H235251-01)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 1 @ 2' (H235251-02)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 1 @ 5' (H235251-03)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 2 @ 1' (H235251-04)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 2 @ 2' (H235251-05)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 2 @ 5' (H235251-06)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 3 @ 1' (H235251-07)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 3 @ 2' (H235251-08)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 3 @ 4' (H235251-09)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 4 @ 1' (H235251-10)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 4 @ 2' (H235251-11)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 4 @ 4' (H235251-12)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 5 @ 2' (H235251-13)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 5 @ 4' (H235251-14)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 5 @ 8' (H235251-15)**

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	09/27/2023	ND	1.81	90.3	2.00	1.04	
Toluene*	<0.050	0.050	09/27/2023	ND	1.89	94.6	2.00	0.740	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.90	94.8	2.00	0.918	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.79	96.4	6.00	0.802	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 5 @ 13' (H235251-16)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 6 @ 2' (H235251-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 6 @ 4' (H235251-18)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 6 @ 8' (H235251-19)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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

**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 6 @ 10' (H235251-20)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	183	91.5	200	2.90	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	203	101	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 7 @ 1' (H235251-21)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 8 @ 1' (H235251-22)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
<b>DRO &gt;C10-C28*</b>	<b>22.8</b>	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 9 @ 1' (H235251-23)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 10 @ 1' (H235251-24)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 11 @ 1' (H235251-25)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 12 @ 1' (H235251-26)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 13 @ 1' (H235251-27)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 14 @ 1' (H235251-28)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 15 @ 1' (H235251-29)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 16 @ 1' (H235251-30)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 17 @ 1' (H235251-31)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 18 @ 1' (H235251-32)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 19 @ 1' (H235251-33)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 20 @ 1' (H235251-34)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 21 @ 1' (H235251-35)**

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	09/27/2023	ND	1.80	89.9	2.00	5.95	
Toluene*	<0.050	0.050	09/27/2023	ND	1.97	98.6	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.12	106	2.00	7.59	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.40	107	6.00	7.59	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 22 @ 1' (H235251-36)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

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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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 23 @ 1' (H235251-37)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	09/27/2023	ND	416	104	400	14.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 24 @ 1' (H235251-38)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	09/27/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 25 @ 1' (H235251-39)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	09/27/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 26 @ 1' (H235251-40)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/27/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	181	90.5	200	0.247	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	182	91.0	200	0.342	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 27 @ 1' (H235251-41)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	09/27/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	178	89.0	200	2.53	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	200	100	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 27 @ 2' (H235251-42)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	09/27/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	178	89.0	200	2.53	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	200	100	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received:	09/26/2023	Sampling Date:	09/20/2023
Reported:	09/29/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Shalyn Rodriguez
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S - 27 @ 4' (H235251-43)**

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	09/27/2023	ND	1.93	96.5	2.00	4.67	
Toluene*	<0.050	0.050	09/27/2023	ND	2.05	103	2.00	2.61	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.25	112	2.00	5.54	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.51	91.9	6.00	4.65	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>448</b>	16.0	09/27/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	178	89.0	200	2.53	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	200	100	200	5.86	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Notes and Definitions

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

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*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

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE  
 Project Manager: D. Adkins  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM Zip: 88210  
 Phone #: 575.746.8768 Fax #:  
 Project #: 700497.003.01 Project Owner: Ford Resources  
 Project Name: Middlebrook 3  
 Project Location: Chaves County  
 Sampler Name: R. Pacheco

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H235251	S-1 @ 1'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-1 @ 2'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-1 @ 5'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:37	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-2 @ 1'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-2 @ 2'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-2 @ 5'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-3 @ 1'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-3 @ 2'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-3 @ 4'	G	1	<input checked="" type="checkbox"/>	9-20-2	8:58	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-4 @ 1'	G	1	<input checked="" type="checkbox"/>	9-20-2	9:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							

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Relinquished By: *[Signature]*  
 Date: 9-20-23  
 Time: 1:45  
 Received By: *[Signature]*  
 Date: 9-20-23  
 Time: 1:45

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

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other:  
 Sample Condition  
 Cool  Intact   
 Yes  No   
 Checked By: *[Signature]*



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Talon LPE  
 Project Manager: D. Adkins  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM Zip: 88210  
 Phone #: 575.746.8768 Fax #:  
 Project #: 700497.003.01 Project Owner: Ford Resources  
 Project Name: Middlebrook 3  
 Project Location: Chaves County  
 Sampler Name: R. Pacheco

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
H235251		G	1	<input checked="" type="checkbox"/>		9-20-2	9:03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-4 @ 2'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:06	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-4 @ 4'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:09	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-5 @ 2'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-5 @ 4'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-5 @ 8'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-5 @ 13'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-6 @ 2'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:26	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-6 @ 4'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-6 @ 8'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	S-6 @ 10'	G	1	<input checked="" type="checkbox"/>		9-20-2	9:33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							

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Relinquished By: *[Signature]*  
 Date: *9/20/23*  
 Time: *1:45*  
 Received By: *[Signature]*  
 Date: *9/20/23*  
 Time: *1:45*

Delivered By: (Circle One) *-2-7=*  
 Sampler - UPS - Bus - Other: *#140*  
 Sample Condition: Cool  Intact   
 Checked By: *[Signature]*

Cardinal cannot warrant or guarantee the accuracy of the data reported herein. Please refer to the Cardinal Laboratory Manual for details.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
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BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE  
 Project Manager: D. Adkins  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 700497.003.01 Project Owner: Ford Resources  
 Project Name: Middlebrook 3  
 Project Location: Chaves County  
 Sampler Name: R. Pacheco  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H235251	S-7 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:9:36	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-8 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:9:39	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-9 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:9:44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-10 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:9:47	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-11 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:9:51	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-12 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:9:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-13 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:9:59	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-14 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:10:03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-15 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:10:06	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	S-16 @ 1'	G	1			<input checked="" type="checkbox"/>					9-20-2:10:09	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Reinquisitioned By: \_\_\_\_\_  
 Date: 9-20-23  
 Time: 13:45  
 Received By: R. Pacheco  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: -2-7-#140  
 Sample Condition: Cool  Intact   
 Checked By: \_\_\_\_\_ (Initials)  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

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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: D. Adkins  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 700497.003.01 Project Owner: Ford Resources  
 Project Name: Middlebrook 3  
 Project Location: Chaves County  
 Sampler Name: R. Pacheco  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
H235251		G	1	<input checked="" type="checkbox"/>		9-20-2	10:13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M1		G	1	<input checked="" type="checkbox"/>		9-20-2	10:16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M2		G	1	<input checked="" type="checkbox"/>		9-20-2	10:20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M3		G	1	<input checked="" type="checkbox"/>		9-20-2	10:23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M4		G	1	<input checked="" type="checkbox"/>		9-20-2	10:26	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M5		G	1	<input checked="" type="checkbox"/>		9-20-2	10:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M6		G	1	<input checked="" type="checkbox"/>		9-20-2	10:33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M7		G	1	<input checked="" type="checkbox"/>		9-20-2	10:36	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M8		G	1	<input checked="" type="checkbox"/>		9-20-2	10:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
M9		G	1	<input checked="" type="checkbox"/>		9-20-2	10:44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							

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Relinquished By: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: *Spedriquer*  
 Date: *9/20/23* Time: *13:15*  
 Delivered By: (Circle One) *2-7 =*  
 Sampler - UPS - Bus - Other: *#140*  
 Sample Condition: Cool  Intact   
 Checked By: *SP*  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS:  
 Page 4 OF 5



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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Talon LPE  
 Project Manager: D. Adkins  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM Zip: 88210  
 Phone #: 575.746.8768 Fax #:  
 Project #: 700497.003.01 Project Owner: Ford Resources  
 Project Name: Middlebrook 3  
 Project Location: Chaves County  
 Sampler Name: R. Pacheco

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	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
H235251																		
41	S-27 @ 1'	G	1	<input checked="" type="checkbox"/>	9-20-21	10:47	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
42	S-27 @ 2'	G	1	<input checked="" type="checkbox"/>	9-20-21	10:51	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
43	S-27 @ 4'	G	1	<input checked="" type="checkbox"/>	9-20-21	10:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									

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Relinquished By: *R. Pacheco*  
 Date: 9/20/21  
 Time: 1:34 PM  
 Received By: *Spookier*  
 Date: 9/20/21  
 Time: 1:34 PM

Relinquished By: *R. Pacheco*  
 Date: 9/20/21  
 Time: 1:34 PM  
 Received By: *Spookier*  
 Date: 9/20/21  
 Time: 1:34 PM

Delivered By: (Circle One) *-A.7c*  
 Sampler - UPS - Bus - Other: *#140*  
 Sample Condition: Cool  Intact   
 Yes  No   
 CHECKED BY: *[Signature]*

Phone Result:  Yes  No  
 Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No  
 Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_



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

---

November 06, 2023

DAVID ADKINS  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: MIDDLEBROOK 3

Enclosed are the results of analyses for samples received by the laboratory on 11/01/23 8:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	11/01/2023	Sampling Date:	10/23/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Dionica Hinojos
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S-6 20'R (H235981-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.92	95.9	2.00	1.00	
Toluene*	<0.050	0.050	11/03/2023	ND	2.03	102	2.00	0.342	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.03	102	2.00	0.975	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.17	103	6.00	0.640	
Total BTEX	<0.300	0.300	11/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	11/06/2023	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	11/03/2023	ND	203	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	209	104	200	0.584	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/01/2023	Sampling Date:	10/23/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Dionica Hinojos
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S-28 0-1' (H235981-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2023	ND	1.92	95.9	2.00	1.00	
Toluene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.342	
Ethylbenzene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.975	
Total Xylenes*	<0.150	0.150	11/04/2023	ND	6.17	103	6.00	0.640	
Total BTEX	<0.300	0.300	11/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/06/2023	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	11/03/2023	ND	203	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	209	104	200	0.584	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	11/01/2023	Sampling Date:	10/23/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Dionica Hinojos
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S-29 0-1' (H235981-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2023	ND	1.92	95.9	2.00	1.00	
Toluene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.342	
Ethylbenzene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.975	
Total Xylenes*	<0.150	0.150	11/04/2023	ND	6.17	103	6.00	0.640	
Total BTEX	<0.300	0.300	11/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/06/2023	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	11/03/2023	ND	208	104	200	4.40	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	181	90.7	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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**Analytical Results For:**

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

Received:	11/01/2023	Sampling Date:	10/23/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Dionica Hinojos
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S-30 0-1' (H235981-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2023	ND	1.92	95.9	2.00	1.00	
Toluene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.342	
Ethylbenzene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.975	
Total Xylenes*	<0.150	0.150	11/04/2023	ND	6.17	103	6.00	0.640	
Total BTEX	<0.300	0.300	11/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/06/2023	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	11/03/2023	ND	208	104	200	4.40	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	181	90.7	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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**Analytical Results For:**

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

Received:	11/01/2023	Sampling Date:	10/23/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Dionica Hinojos
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S-31 0-1' (H235981-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2023	ND	1.92	95.9	2.00	1.00	
Toluene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.342	
Ethylbenzene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.975	
Total Xylenes*	<0.150	0.150	11/04/2023	ND	6.17	103	6.00	0.640	
Total BTEX	<0.300	0.300	11/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/06/2023	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	11/03/2023	ND	208	104	200	4.40	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	181	90.7	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

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

Received:	11/01/2023	Sampling Date:	10/23/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	MIDDLEBROOK 3	Sampling Condition:	Cool & Intact
Project Number:	700497.003.01	Sample Received By:	Dionica Hinojos
Project Location:	FORD - CHAVES COUNTY		

**Sample ID: S-32 0-1' (H235981-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2023	ND	1.92	95.9	2.00	1.00	
Toluene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.342	
Ethylbenzene*	<0.050	0.050	11/04/2023	ND	2.03	102	2.00	0.975	
Total Xylenes*	<0.150	0.150	11/04/2023	ND	6.17	103	6.00	0.640	
Total BTEX	<0.300	0.300	11/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/06/2023	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	11/03/2023	ND	208	104	200	4.40	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	181	90.7	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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

QUESTIONS

Action 343089

**QUESTIONS**

Operator: WESPAC ENERGY, LLC 8620 North New Braunfels Ave. San Antonio, TX 78217	OGRID: 260245
	Action Number: 343089
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2208957138
Incident Name	NAPP2208957138 MIDDLEBROOK 3 @ 30-005-21062
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-005-21062] MIDDLEBROOK 3 #001

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	MIDDLEBROOK 3
Date Release Discovered	03/01/2022
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Normal Operations   Flow Line - Production   Crude Oil   Released: 0 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations   Unknown   Produced Water   Released: 0 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: Normal Operations   Producing Well   Condensate   Released: 0 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	Cause: Normal Operations   Producing Well   Natural Gas Vented   Released: 0 Mcf (Unknown Released Amount)   Recovered: 0 Mcf   Lost: 0 Mcf.
Natural Gas Flared (Mcf) Details	Cause: Normal Operations   Producing Well   Natural Gas Flared   Released: 0 Mcf (Unknown Released Amount)   Recovered: 0 Mcf   Lost: 0 Mcf.
Other Released Details	Cause: Normal Operations   Producing Well   Produced Water   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Historic contamination from previous operator. Wespac Energy acquired the well to utilize the tap to the historic El Paso gathering system (now Kinder Morgan).

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QUESTIONS, Page 2

Action 343089

**QUESTIONS (continued)**

Operator: WESPAC ENERGY, LLC 8620 North New Braunfels Ave. San Antonio, TX 78217	OGRID: 260245
	Action Number: 343089
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (3) an unauthorized release of gases exceeding 500 MCF.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Kyle Ford Title: Manager Email: kford@fordresources.com Date: 07/12/2024
--	---

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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**QUESTIONS (continued)**

Operator: WESPAC ENERGY, LLC 8620 North New Braunfels Ave. San Antonio, TX 78217	OGRID: 260245
	Action Number: 343089
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Site Characterization**  
*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	11700
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	162.2
GRO+DRO (EPA SW-846 Method 8015M)	138.9
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

On what estimated date will the remediation commence	10/15/2024
On what date will (or did) the final sampling or liner inspection occur	12/15/2024
On what date will (or was) the remediation complete(d)	12/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	60000
What is the estimated volume (in cubic yards) that will be reclaimed	1200
What is the estimated surface area (in square feet) that will be remediated	4500
What is the estimated volume (in cubic yards) that will be remediated	700

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 343089

**QUESTIONS (continued)**

Operator: WESPAC ENERGY, LLC 8620 North New Braunfels Ave. San Antonio, TX 78217	OGRID: 260245
	Action Number: 343089
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	GANDY MARLEY LANDFARM/LANDFILL [FEEM0112338393]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Kyle Ford Title: Manager Email: kford@fordresources.com Date: 07/12/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

**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**

QUESTIONS, Page 5

Action 343089

**QUESTIONS (continued)**

Operator: WESPAC ENERGY, LLC 8620 North New Braunfels Ave. San Antonio, TX 78217	OGRID: 260245
	Action Number: 343089
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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**Santa Fe, NM 87505**

QUESTIONS, Page 6

Action 343089

**QUESTIONS (continued)**

Operator: WESPAC ENERGY, LLC 8620 North New Braunfels Ave. San Antonio, TX 78217	OGRID: 260245
	Action Number: 343089
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 343089

**CONDITIONS**

Operator: WESPAC ENERGY, LLC 8620 North New Braunfels Ave. San Antonio, TX 78217	OGRID: 260245
	Action Number: 343089
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	The remediation plan is approved as written. Wespac Energy has 90-days (October 21, 2024) to submit to OCD its appropriate or final remediation closure report.	7/22/2024