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## Closure Report

Nina Cortell Fed Com #124H  
Lea County, New Mexico  
Incident # nAPP2202158025  
O-03-22S-32E

## Prepared For:

Matador Production Company  
One Lincoln Center  
Dallas, TX 75240

## Prepared By:

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

**April 28, 2022**



Mr. Rob Hamlet  
NMOCD  
Artesia, NM

Subject: **Closure Report**  
**Nina Cortell Fed Com #124H**  
Lea County, New Mexico  
Incident # nAPP2202158025

Dear Mr. Hamlet,

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

### Site Information

The Nina Cortell Fed Com #124H is located approximately thirty (36) miles southwest of Hobbs, New Mexico. The legal description for the site of the release is Unit Letter O, Section 03, Township 22 South and Range 32 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.414012 and -103.667806. A Site Location Map is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Simona fine sandy loams, with 0 to 3 percent slopes. The referenced soil data is presented in [Appendix II](#). Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of the Ogallala Formation, lower Pliocene to Middle Miocene in age, and comprised of calcareous eolian deposits derived from sedimentary rock. The soil characterization for this site contains a certain level of natural salinity. 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 560 feet below ground surface (bgs). See [Appendix II](#) for the referenced groundwater depth. Further research of the Bureau of Land Management Karst data indicates that this site is not situated within a potential Karst area.

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

Approximate Depth to Groundwater		560	Feet/bgs
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 200 feet of any lakebed, sinkhole or a playa lake		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 1000 feet of any freshwater well or spring		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet of a wetland		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within the area overlying a subsurface mine		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within an unstable area		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within a 100-year floodplain		

Because the release occurred on a location where the groundwater could not be determined within the NMOCD criteria, the clean-up criteria for the upper 4 feet of this site per NMAC 19.15.29.13.D is as follows:

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

## Incident Description

On January 21, 2022 Matador personnel noticed a release of fluid caused by corrosion on the discharge header (filter pot) located on the piping for the SWD (salt water disposal). The fluid traversed from the piping on the east side of location in a westerly direction in front of falcon containment to the west side of location. Matador personnel took proactive measure by the hydro-vacking and scraping up of saturated soils. Talon was contracted to assess this site. A spill notification and subsequent C-141 was submitted to the NMOCD that assigned this incident no. **nAPP2202158025**. The C-141 is attached in Appendix V. The site map is presented in [Appendix I](#).

## Site Assessment

On January 21, 2022 Talon mobilized personnel to the site to conduct an initial site assessment. The impacted area was mapped utilizing a Trimble Juno 3B, photographed and sampled utilizing a hand auger. All soil samples were properly packaged, preserved, and transported to Cardinal Laboratories via chain of custody for analysis of Total Chlorides (Cl Method SM4500Cl-B), TPH (Total Petroleum Hydrocarbons EPA Method 8015M), and BTEX (Benzene, Toluene, Ethylbenze, and Xylenes EPA Method 8021B). Sample locations are shown on the attached Figure 1 ([Appendix I](#)), and the results of our sampling event are presented on the following data table.

**Table I**  
*01/28/2021 Soil Sample Laboratory Results*

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
<b>NMOCD Table 1 Closure Criteria 19.15.29 NMAC</b>			<b>50 mg/kg</b>	<b>10 mg/kg</b>	<b>DRO + GRO + MRO combined = 100 mg/kg</b>			<b>100 mg/kg</b>	<b>600 mg/kg</b>
S-1	1/21/2022	0-.5"	ND	ND	ND	ND	12.6	12.6	3320
S-2	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	13200
S-3	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	4560
S-4	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	13200
S-5	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	10200
S-6	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	15000
S-7	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	9800
S-8	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	13400
S-9	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	13400
S-10	1/21/2022	0-.5"	0.44	0.072	ND	ND	ND	-	15000
S-11	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	11000
S-12	1/21/2022	0-.5"	ND	ND	ND	92.1	14.1	106.2	20800
S-13	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	15400
S-14	1/21/2022	0-.5"	ND	ND	ND	ND	ND	-	13200

ND=Analyte Not Detected

See Appendix [IV](#) for the complete report of laboratory results.

On February 17, 2022 based on the laboratory results from the initial assessment data and upon client authorization, Talon personnel and equipment were mobilized to the site, in order to commence remediation of the impacted pad area and containment. Field titration data was used to guide the clean-up efforts. The impacted area was excavated from 1 foot to 3.5 feet in depth. All soil samples were properly collected on a five-point composite basis, and preserved for transport to Cardinal Laboratories in order to confirm that NMOCD clean-up criteria had been achieved in accordance with Table 1 standards. The confirmation results from the laboratory are tabulated below. Confirmation sample locations are illustrated on Figure 3 (Appendix I).

**Table II**  
**03/01/2022 Soil Confirmation Samples Laboratory Results**

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table 1 Closure Criteria 19.15.29 NMAC</b>			<b>50 mg/kg</b>	<b>10 mg/kg</b>	<b>DRO+GRO+MRO combined = 100 mg/kg</b>			<b>100 mg/kg</b>	<b>600 mg/kg</b>
S-1A	3'	2/17/2022	ND	ND	ND	ND	ND		48
S-2A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-3A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-4A	3'	2/17/2022	ND	ND	ND	ND	ND	-	32
S-5A	3'	2/17/2022	ND	ND	ND	ND	ND	-	80
S-6A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-7A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-8A	3'	2/17/2022	ND	ND	ND	ND	ND	-	32
S-9A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-10A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-11A	3'	2/17/2022	ND	ND	ND	ND	ND	-	32
S-12A	3'	2/17/2022	ND	ND	ND	ND	ND	-	32
S-13A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-14A	3'	2/17/2022	ND	ND	ND	ND	ND	-	64
S-15A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-16A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-17A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-18A	3'	2/17/2022	ND	ND	ND	ND	ND	-	176
S-19A	3'	2/17/2022	ND	ND	ND	ND	ND	-	160
S-20A	3'	2/17/2022	ND	ND	ND	ND	ND	-	64
S-21A	3'	2/17/2022	ND	ND	ND	ND	ND	-	128
S-22A	3'	2/17/2022	ND	ND	ND	ND	ND	-	96
S-23A	3'	2/17/2022	ND	ND	ND	ND	ND	-	176
S-24A	3'	2/17/2022	ND	ND	ND	ND	ND	-	80
S-25A	3'	2/17/2022	ND	ND	ND	ND	ND	-	320
S-26A	3'	2/17/2022	ND	ND	ND	ND	ND	-	112
S-27A	3'	2/17/2022	ND	ND	ND	ND	ND	-	448
S-28A	3'	2/17/2022	ND	ND	ND	ND	ND	-	272
S-29A	3'	2/17/2022	ND	ND	ND	ND	ND	-	528
S-30A	3'	2/17/2022	ND	ND	ND	ND	ND	-	480
S-31B	3.5'	2/21/2022	ND	ND	ND	ND	ND		80

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOC Table 1 Closure Criteria 19.15.29 NMAC</b>			<b>50 mg/kg</b>	<b>10 mg/kg</b>	<b>DRO+GRO+MRO combined = 100 mg/kg</b>			<b>100 mg/kg</b>	<b>600 mg/kg</b>
S-33A	3'	2/17/2022	ND	ND	ND	ND	ND	-	32
S-34A	3'	2/17/2022	ND	ND	ND	ND	ND	-	112
S-35A	3'	2/17/2022	ND	ND	ND	ND	ND	-	96
S-36A	3'	2/17/2022	ND	ND	ND	ND	ND	-	48
S-37A	3'	2/17/2022	ND	ND	ND	ND	ND	-	80
S-38A	3'	2/17/2022	ND	ND	ND	ND	ND	-	192
S-39B	3.5	2/21/2022	ND	ND	ND	ND	ND	-	64
S-40A	3'	2/17/2022	ND	ND	ND	ND	ND	-	32
S-41A	3	2/17/2022	ND	ND	ND	ND	ND	-	80
S-42A	3'	2/17/2022	ND	ND	ND	ND	ND	-	432
S-43A	3'	2/17/2022	ND	ND	ND	ND	ND	-	128
S-44A	3'	2/17/2022	ND	ND	ND	ND	ND	-	144
S-45A	3'	2/17/2022	ND	ND	ND	ND	ND	-	176
S-46A	3'	2/17/2022	ND	ND	ND	ND	ND	-	496
S-47A	3'	2/17/2022	ND	ND	ND	ND	ND	-	80
S-48A	3'	2/17/2022	ND	ND	ND	ND	ND	-	64
S-49A	3'	2/17/2022	ND	ND	ND	ND	ND	-	224
S-50A	3'	2/17/2022	ND	ND	ND	ND	ND	-	176
S-51A	3'	2/17/2022	ND	ND	ND	ND	ND	-	128
S-52A	3'	2/17/2022	ND	ND	ND	ND	ND	-	96
S-53A	3'	2/17/2022	ND	ND	ND	ND	ND	-	240
S-54A	3'	2/17/2022	ND	ND	ND	ND	ND	-	64
BG-1	0-1	2/17/2022	ND	ND	ND	ND	ND	-	208
BG-2	0-1	2/17/2022	ND	ND	ND	ND	ND	-	208
BG-3	0-1	2/17/2022	ND	ND	ND	ND	ND	-	208
BG-4	0-1	2/17/2022	ND	ND	ND	ND	ND	-	224
SW-1	3'	2/17/2022	ND	ND	ND	ND	ND	-	196
SW-2	3'	2/17/2022	ND	ND	ND	ND	ND	-	96
SW-3	3'	2/17/2022	ND	ND	ND	ND	ND	-	112
SW-4	3'	2/17/2022	ND	ND	ND	ND	ND	-	128
SW-5	3'	2/17/2022	ND	ND	ND	ND	ND	-	96
SW-6	3'	2/17/2022	ND	ND	ND	ND	ND	-	112
SW-7	3'	2/17/2022	ND	ND	ND	ND	ND	-	128
SW-8	3'	2/17/2022	ND	ND	ND	ND	ND	-	144
SW-9	3'	2/17/2022	ND	ND	ND	ND	ND	-	128
SW-10	3'	2/17/2022	ND	ND	ND	ND	ND	-	208
SW-11	3'	2/17/2022	ND	ND	ND	ND	ND	-	144
SW-12	3'	2/17/22	ND	ND	ND	ND	ND	-	160
SW-13	3'	2/17/2022	ND	ND	ND	ND	ND	-	160.0

ND= Analyte Not Detected SW= Sidewall  
 See [Appendix IV](#) for the complete report of laboratory results.

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### Remedial Actions

- The impacted area of the pad was excavated to depths of 3.5 feet bgs. and to the horizontal extent that all surface staining was removed. Laboratory analysis confirms that NMOCD closure criteria for soil remediation vertically and horizontally has been achieved.
- The areas under high-pressure lines were hand excavated or hydro-vacked to the extent safe and practicable.
- Background and sidewall samples were collected and analyzed in order to verify that horizontal remediation had been achieved in accordance with NMOCD clean-up criteria.
- All contaminated soil, approximately 1,193 tons was transported to Lea Landfill, a NMOCD approved solid waste disposal facility.
- The excavated pad area was backfilled with clean caliche transported from Lea Landfill. as this is a high-volume traffic area, the pad was packed, and restored to grade.

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## Closure

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

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

Respectfully submitted,

Talon/LPE

*Rebecca S Pons*

Rebecca S. Pons  
Senior Environmental Project Manager

### Attachments:

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



## Appendix I

### Site Maps

Nina Cortell Fed Com #124H  
Lea County, NM  
nAPP2202158025  
Site Assessment Map

Legend

- Sample Point
- Spill Area



90 ft

- Sample Position
- High
- Low
- Medium
- Spill ARea



# Nina Cortell Fed Com # 124

Matador  
Lea County  
Conformation Map

**Legend**

- Back ground
- Conformation Point
- Spill Area

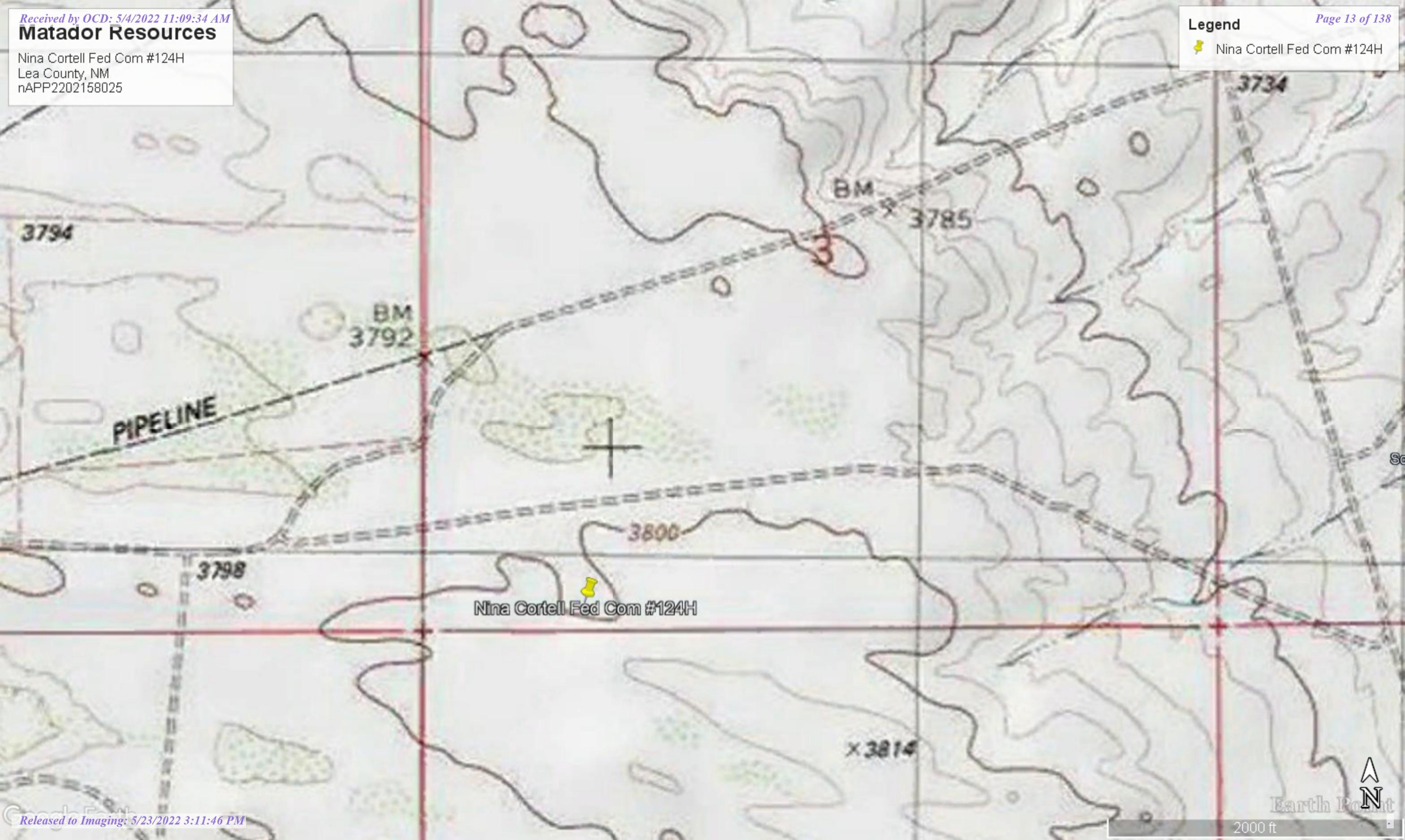


# Matador Resources

Nina Cortell Fed Com #124H  
Lea County, NM  
nAPP2202158025

**Legend**

-  Nina Cortell Fed Com #124H





## Appendix II

### Groundwater Data, & Soil Survey



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C_03717 POD1</a>	C	LE	LE	4	4	1	09	22S	32E	624094	3586365	1393	650		
<a href="#">CP_01701 POD1</a>	CP	LE	LE	1	3	35	21S	32E	626652	3589283	2575	840	560	280	
<a href="#">C_04566 POD1</a>	CUB	LE	LE	1	2	2	02	22S	32E	627930	3588524	3010			
<a href="#">C_02821</a>	C	LE	LE	2	2	3	14	22S	32E	627303	3584563*	3254	540	340	200
<a href="#">C_02096</a>	CUB	ED	ED	2	3	14	22S	32E	627204	3584464*	3273	435	360	75	
<a href="#">CP_01878 POD1</a>	CP	LE	LE	4	2	4	36	21S	32E	629723	3589247	4936			

Average Depth to Water: **420 feet**  
 Minimum Depth: **340 feet**  
 Maximum Depth: **560 feet**

**Record Count:** 6

**UTM NAD83 Radius Search (in meters):**

**Easting (X):** 625273.65

**Northing (Y):** 3587107.62

**Radius:** 5000

\*UTM location was derived from PLSS - see Help

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

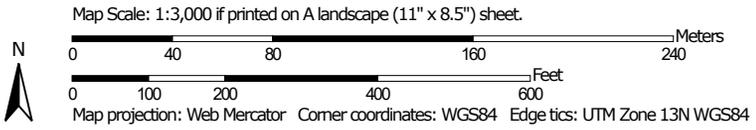
1/25/22 9:58 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

### Custom Soil Resource Report Soil Map



Soil Map may not be valid at this scale.



Custom Soil Resource Report

**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 1:20,000.

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

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

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

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

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

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

Soil Survey Area: Lea County, New Mexico  
 Survey Area Data: Version 18, Sep 10, 2021

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

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

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

## Custom Soil Resource Report

**Lea County, New Mexico****SE—Simona fine sandy loam, 0 to 3 percent slopes****Map Unit Setting**

*National map unit symbol:* dmr2  
*Elevation:* 3,000 to 4,200 feet  
*Mean annual precipitation:* 10 to 15 inches  
*Mean annual air temperature:* 58 to 62 degrees F  
*Frost-free period:* 190 to 205 days  
*Farmland classification:* Not prime farmland

**Map Unit Composition**

*Simona and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Simona****Setting**

*Landform:* Plains  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous eolian deposits derived from sedimentary rock

**Typical profile**

*A - 0 to 8 inches:* fine sandy loam  
*Bk - 8 to 16 inches:* gravelly fine sandy loam  
*Bkm - 16 to 26 inches:* cemented material

**Properties and qualities**

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 7 to 20 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 35 percent  
*Gypsum, maximum content:* 1 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:* Very low (about 2.0 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 6s  
*Land capability classification (nonirrigated):* 7s  
*Hydrologic Soil Group:* D  
*Ecological site:* R042XC002NM - Shallow Sandy  
*Hydric soil rating:* No

Custom Soil Resource Report

**Minor Components**

**Kimbrough**

*Percent of map unit: 8 percent*

*Ecological site: R077CY037TX - Very Shallow 16-21" PZ*

*Hydric soil rating: No*

**Lea**

*Percent of map unit: 7 percent*

*Ecological site: R077CY028TX - Limy Upland 16-21" PZ*

*Hydric soil rating: No*



## Appendix III

### Photographic Documentation



**Photograph No.1 Description:**

Impacted area at source-high pressure lines



**Photograph No.2 Description:**

Aerial of impacted pad area



**Photograph No.3 Description:**

Aerial of excavation



**Photograph No.4 Description:**

Backfilled to grade around high pressure lines-west side



**Photograph No.5 Description:**

Aerial of backfilled area-front of containment



**Photograph No.6 Description:**

Backfilled to grade west of high-pressure lines near SWD (source)



**Appendix IV**  
Laboratory Data



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

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January 28, 2022

REBECCA PONS  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: NINA CORTEL

Enclosed are the results of analyses for samples received by the laboratory on 01/24/22 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](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  
 REBECCA PONS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 1 (H220259-01)**

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	01/28/2022	ND	2.09	104	2.00	4.00	
Toluene*	<0.050	0.050	01/28/2022	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	01/28/2022	ND	1.99	99.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	01/28/2022	ND	6.00	100	6.00	3.97	
Total BTEX	<0.300	0.300	01/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3320</b>	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	197	98.6	200	2.47	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	227	113	200	3.90	
<b>EXT DRO &gt;C28-C36</b>	<b>12.6</b>	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 2 (H220259-02)**

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	01/28/2022	ND	2.09	104	2.00	4.00	
Toluene*	<0.050	0.050	01/28/2022	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	01/28/2022	ND	1.99	99.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	01/28/2022	ND	6.00	100	6.00	3.97	
Total BTEX	<0.300	0.300	01/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13200	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	197	98.6	200	2.47	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	227	113	200	3.90	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 3 (H220259-03)**

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	01/28/2022	ND	2.09	104	2.00	4.00	
Toluene*	<0.050	0.050	01/28/2022	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	01/28/2022	ND	1.99	99.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	01/28/2022	ND	6.00	100	6.00	3.97	
Total BTEX	<0.300	0.300	01/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	197	98.6	200	2.47	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	227	113	200	3.90	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 4 (H220259-04)**

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	01/28/2022	ND	2.09	104	2.00	4.00	
Toluene*	<0.050	0.050	01/28/2022	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	01/28/2022	ND	1.99	99.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	01/28/2022	ND	6.00	100	6.00	3.97	
Total BTEX	<0.300	0.300	01/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13200	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	197	98.6	200	2.47	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	227	113	200	3.90	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 5 (H220259-05)**

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	01/28/2022	ND	2.09	104	2.00	4.00	
Toluene*	<0.050	0.050	01/28/2022	ND	2.02	101	2.00	4.08	
Ethylbenzene*	<0.050	0.050	01/28/2022	ND	1.99	99.7	2.00	3.54	
Total Xylenes*	<0.150	0.150	01/28/2022	ND	6.00	100	6.00	3.97	
Total BTEX	<0.300	0.300	01/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	197	98.6	200	2.47	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	227	113	200	3.90	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 6 (H220259-06)**

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	01/26/2022	ND	2.05	103	2.00	6.54	
Toluene*	<0.050	0.050	01/26/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/26/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/26/2022	ND	5.89	98.2	6.00	7.19	
Total BTEX	<0.300	0.300	01/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	197	98.6	200	2.47	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	227	113	200	3.90	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 7 (H220259-07)**

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	01/26/2022	ND	2.05	103	2.00	6.54	
Toluene*	<0.050	0.050	01/26/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/26/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/26/2022	ND	5.89	98.2	6.00	7.19	
Total BTEX	<0.300	0.300	01/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	197	98.6	200	2.47	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	227	113	200	3.90	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 8 (H220259-08)**

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	01/26/2022	ND	2.05	103	2.00	6.54	
Toluene*	<0.050	0.050	01/26/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/26/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/26/2022	ND	5.89	98.2	6.00	7.19	
Total BTEX	<0.300	0.300	01/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 59.5-142

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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 9 (H220259-09)**

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	01/26/2022	ND	2.05	103	2.00	6.54	
Toluene*	<0.050	0.050	01/26/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/26/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/26/2022	ND	5.89	98.2	6.00	7.19	
Total BTEX	<0.300	0.300	01/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.2 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 10 (H220259-10)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.072</b>	0.050	01/27/2022	ND	2.05	103	2.00	6.54	
<b>Toluene*</b>	<b>0.368</b>	0.050	01/27/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	5.89	98.2	6.00	7.19	
<b>Total BTEX</b>	<b>0.440</b>	0.300	01/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>15000</b>	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 11 (H220259-11)**

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	01/27/2022	ND	2.05	103	2.00	6.54	
Toluene*	<0.050	0.050	01/27/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	5.89	98.2	6.00	7.19	
Total BTEX	<0.300	0.300	01/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 12 (H220259-12)**

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	01/27/2022	ND	2.05	103	2.00	6.54	
Toluene*	<0.050	0.050	01/27/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	5.89	98.2	6.00	7.19	
Total BTEX	<0.300	0.300	01/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	92.1	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	14.1	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 13 (H220259-13)**

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	01/27/2022	ND	2.05	103	2.00	6.54	
Toluene*	<0.050	0.050	01/27/2022	ND	1.96	98.1	2.00	7.03	
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	1.95	97.5	2.00	6.96	
Total Xylenes*	<0.150	0.150	01/27/2022	ND	5.89	98.2	6.00	7.19	
Total BTEX	<0.300	0.300	01/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15400	16.0	01/26/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	214	107	200	0.671	
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86	
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/24/2022	Sampling Date:	01/21/2022
Reported:	01/28/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Angela Cabrera
Project Location:	LEA CO NM		

**Sample ID: S - 14 (H220259-14)**

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	01/27/2022	ND	2.05	103	2.00	6.54		
Toluene*	<0.050	0.050	01/27/2022	ND	1.96	98.1	2.00	7.03		
Ethylbenzene*	<0.050	0.050	01/27/2022	ND	1.95	97.5	2.00	6.96		
Total Xylenes*	<0.150	0.150	01/27/2022	ND	5.89	98.2	6.00	7.19		
Total BTEX	<0.300	0.300	01/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13200	16.0	01/26/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/27/2022	ND	214	107	200	0.671		
DRO >C10-C28*	<10.0	10.0	01/27/2022	ND	213	106	200	4.86		
EXT DRO >C28-C36	<10.0	10.0	01/27/2022	ND						

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE

Project Manager: Rebecca Davis

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 702520.01501

Project Name: n. va Central

Project Location: deg.

Sampler Name: Axt

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	TDR	BTet	CL
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
H220259	1-2M759											1/22	9:15				
	1-2M759												9:20				
	1-2M759												9:25				
	1-2M759												9:30				
	1-2M759												9:35				
	1-2M759												9:40				
	1-2M759												9:45				
	1-2M759												9:50				
	1-2M759												9:55				
	1-2M759												10:00				

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Relinquished By: [Signature] Date: 1/24 Time: 4:30  
 Received By: [Signature] Date: 1/22 Time: 10:50

Delivered By: (Circle One) 2.3e / C-0.5e  
 Sampler - UPS - Bus - Other: 1.5e / #113

Sample Condition: Cool Intact  Yes  No  
 Checked By: [Signature]

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

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



**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: Rebecca Pons  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM Zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 102550.015.01 Project Owner: \_\_\_\_\_  
 Project Name: MIRA Coastal  
 Project Location: PEG  
 Sampler Name: ACC PONS  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	RESULTS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H200359	5-11										12/1	10:05	TPH
	12											10:10	BTX
	13											10:15	CL
	14											10:30	

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Relinquished By: [Signature]  
 Date: 5/12/22  
 Received By: [Signature]  
 Date: 5/12/22

Delivered By: (Circle One) 336 C-O-50  
 Sampler - UPS - Bus - Other: 1.52 #13  
 Sample Condition: Cool  Intact   
 Checked By: [Signature]

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

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



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February 17, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: NINA CORTEL FED

Enclosed are the results of analyses for samples received by the laboratory on 02/14/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](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  
 REBECCA PONS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 1 A @ 3' (H220571-01)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	220	110	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 2 A @ 3' (H220571-02)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	220	110	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 3 A @ 3' (H220571-03)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/15/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.2 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 4 A @ 3' (H220571-04)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87		
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53		
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07		
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52		
Total BTEX	<0.300	0.300	02/15/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	205	103	200	3.59		
DRO >C10-C28*	<10.0	10.0	02/15/2022	ND	215	108	200	7.33		
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 5 A @ 3' (H220571-05)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/15/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/15/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 6 A @ 3' (H220571-06)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 7 A @ 3' (H220571-07)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 8 A @ 3' (H220571-08)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 9 A @ 3' (H220571-09)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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

**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 10 A @ 3' (H220571-10)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87		
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53		
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07		
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52		
Total BTEX	<0.300	0.300	02/15/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59		
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33		
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 11 A @ 3' (H220571-11)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.0 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 12 A @ 3' (H220571-12)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 13 A @ 3' (H220571-13)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.9 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 14 A @ 3' (H220571-14)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.7 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 15 A @ 3' (H220571-15)**

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	02/15/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/15/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/15/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/15/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 16 A @ 3' (H220571-16)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/16/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.2 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 17 A @ 3' (H220571-17)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/16/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 18 A @ 3' (H220571-18)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/16/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 19 A @ 3' (H220571-19)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	1.94	97.1	2.00	6.87	
Toluene*	<0.050	0.050	02/16/2022	ND	1.92	96.1	2.00	7.53	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.86	93.2	2.00	7.07	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	5.83	97.2	6.00	6.52	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 20 A @ 3' (H220571-20)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.3 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 21 A @ 3' (H220571-21)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 22 A @ 3' (H220571-22)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	205	103	200	3.59	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	215	108	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 23 A @ 3' (H220571-23)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 24 A @ 3' (H220571-24)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 25 A @ 3' (H220571-25)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 26 A @ 3' (H220571-26)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 27 A @ 3' (H220571-27)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.3 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 28 A @ 3' (H220571-28)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 29 A @ 3' (H220571-29)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.7 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 30 A @ 3' (H220571-30)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.4 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 31 A @ 3' (H220571-31)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 33 A @ 3' (H220571-33)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.6 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 34 A @ 3' (H220571-34)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 35 A @ 3' (H220571-35)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 36 A @ 3' (H220571-36)**

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	02/16/2022	ND	2.12	106	2.00	1.56	
Toluene*	<0.050	0.050	02/16/2022	ND	2.07	103	2.00	1.29	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.01	101	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.15	102	6.00	1.12	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 37 A @ 3' (H220571-37)**

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	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 38 A @ 3' (H220571-38)**

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	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 39 A @ 3' (H220571-39)**

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	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	246	123	200	2.69	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	225	113	200	4.33	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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**Analytical Results For:**

TALON LPE  
 REBECCA PONS  
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 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 40 A @ 3' (H220571-40)**

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	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 41 A @ 3' (H220571-41)**

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	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 42 A @ 3' (H220571-42)**

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	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.0 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 43 A @ 3' (H220571-43)**

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	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.9 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 44 A @ 3' (H220571-44)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 45 A @ 3' (H220571-45)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 46 A @ 3' (H220571-46)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.0 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 47 A @ 3' (H220571-47)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 48 A @ 3' (H220571-48)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 49 A @ 3' (H220571-49)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 50 A @ 3' (H220571-50)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 51 A @ 1' (H220571-51)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 52 A @ 1' (H220571-52)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 53 A @ 1' (H220571-53)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 54 A @ 1' (H220571-54)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: BG - 1 (H220571-55)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: BG - 2 (H220571-56)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.09	105	2.00	0.208	
Toluene*	<0.050	0.050	02/16/2022	ND	2.06	103	2.00	0.0626	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	2.05	102	2.00	0.0245	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.31	105	6.00	0.532	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: BG - 3 (H220571-57)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: BG - 4 (H220571-58)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.8 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 1 @ 3' (H220571-59)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/15/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	218	109	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	248	124	200	20.5	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 2 @ 3' (H220571-60)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11		
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62		
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09		
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51		
Total BTEX	<0.300	0.300	02/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/16/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95		
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20		
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND						

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.7 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 3 @ 3' (H220571-61)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.1 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 4 @ 3' (H220571-62)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 5 @ 3' (H220571-63)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 6 @ 3' (H220571-64)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11		
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62		
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09		
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51		
Total BTEX	<0.300	0.300	02/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/16/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95		
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20		
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND						

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.7 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 7 @ 3' (H220571-65)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 8 @ 3' (H220571-66)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.6 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 9 @ 3' (H220571-67)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 10 @ 3' (H220571-68)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 11 @ 3' (H220571-69)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.3 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 12 @ 3' (H220571-70)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2022	Sampling Date:	02/08/2022
Reported:	02/17/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	Cool & Intact
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: SW - 13 @ 3' (H220571-71)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2022	ND	2.01	100	2.00	9.11	
Toluene*	<0.050	0.050	02/16/2022	ND	1.97	98.3	2.00	9.62	
Ethylbenzene*	<0.050	0.050	02/16/2022	ND	1.98	99.0	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/16/2022	ND	6.10	102	6.00	9.51	
Total BTEX	<0.300	0.300	02/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/16/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2022	ND	207	104	200	3.95	
DRO >C10-C28*	<10.0	10.0	02/16/2022	ND	210	105	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	02/16/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04 The RPD for the BS/BSD was outside of historical limits.
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: *R. Paus*  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 702526015.01 Project Owner: \_\_\_\_\_  
 Project Name: *M: us Control Fed.*  
 Project Location: *See*  
 Sampler Name: *ATP/PEP*  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H220571	5.1A @ 31		1						2/8	8:00	CL	
	3.2A									8:05	BTEX	
	3.3A									8:10	TPH	
	3.4A									8:15		
	5.2A									8:20		
	5.4A									8:25		
	5.7A									8:30		
	5.8A									8:35		
	5.9A									8:40		
	5.10A									8:45		

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Relinquished By: *Neal M. Paus*  
 Date: 2-14-22  
 Time: 11:50  
 Received By: *Shirley A. Paus*  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other  
 5:30 C.O.S.E.  
 4:18 #113  
 Sample Condition:  Cool  Intact  
 CHECKED BY: *AP*  
 (Initials)

Phone Result:  Yes  No  
 Fax Result:  Yes  No  
 Add'l Phone #: \_\_\_\_\_  
 Add'l Fax #: \_\_\_\_\_  
 REMARKS: SEND RESULTS TO: R. Paus @ Talon LPE, see AP/PEP @ Talon LPE, see

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1048



# CARDINAL Laboratories

## 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: T Alon LPE  
 Project Manager: R Potts  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 102520.015.01 Project Owner: \_\_\_\_\_  
 Project Name: N. Van Costel Fed  
 Project Location: Lea  
 Sampler Name: A. Pauer  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H220571	5-11 A Q31		1							2/8	8:50	CL BTnd TPH	
	5-12 A										8:58		
	5-13 A										9:08		
	5-14 A										9:08		
	5-15 A										9:10		
	5-16 A										9:15		
	5-17 A										9:20		
	5-18 A										9:25		
	5-19 A										9:30		
	5-20 A										9:36		

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Relinquished By: \_\_\_\_\_ Date: 5-14-22 Received By: \_\_\_\_\_  
 Time: 1:50 PM Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) 5:30 C-O.S.C. Sample Condition Cool Intact  Yes  No  
 Sampler - UPS - Bus - Other: 4.8c #113  Yes  No  
 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: E. Davis  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 7025500.DFS.01 Project Owner: \_\_\_\_\_  
 Project Name: U. of U. (COSTO) Fed.  
 Project Location: Lees  
 Sampler Name: A. Parker  
 P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
#220571	5.41A	Q3	1						2/8	11:30	BTOP TPH	
41	5.41A											
42	5.42A									11:26		
43	5.43A									11:30		
44	5.44A									11:35		
45	5.45A									11:40		
46	5.46A									11:45		
47	5.47A									11:50		
48	5.48A									11:55		
49	5.49A									12:00		
50	5.50A									12:05		

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Relinquished By: *Paul Myrvis* Date: 5/14/22 Received By: *Yvonne White*  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Delivered By: (Circle One) UPS 5:30 2:05 Sample Condition:  Cool  Intact  
 Sampler - UPS - Bus - Other: 4.8c #113  Yes  Yes  
 CHECKED BY: *TP*  
 REMARKS: \_\_\_\_\_  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_

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568



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE  
 Project Manager: L. Potts  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #:  
 Project #: 702020.015.01 Project Owner:  
 Project Name: Bism. Contol  
 Project Location: Lea  
 Sampler Name: A. Deane  
 P.O. #:   
 Company:   
 Attn:   
 Address:   
 City:   
 State:   
 Zip:   
 Phone #:   
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H220571	5.51A Q1		1							21B	12:19	CL BT TPH
	5.52A		1							12:15		
	5.53A		1							12:20		
	5.54A		1							12:25		
	5.55A		1							5:00		
	5.56A		1							5:05		
	5.57A		1							5:10		
	5.58A		1							5:15		

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Relinquished By: David M. Potts  
 Date: 5/14/22  
 Time: 8:14:33  
 Received By: [Signature]  
 Date: 5/15/22  
 Time: 5:30  
 Delivered By: (Circle One) 5:30 UPS - Bus - Other: 4.80 #113  
 Sample Condition: Cool Intact Yes Yes No No  
 CHECKED BY: (Initials) TD  
 REMARKS: uofB

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE  
 Project Manager: *R. Potts*  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 P.O. #:   
 Company:   
 Attn:   
 Address:   
 City:   
 State: Zip:   
 Phone #:   
 Fax #:   
**BILL TO** ANALYSIS REQUEST

Phone #: 575.746.8768 Fax #:   
 Project #: *105520 D15 D1* Project Owner:   
 Project Name: *DIVA Coastal Fed*   
 Project Location: *Area*   
 Sampler Name: *A. D. C. C. C.*   
 FOR LAB USE ONLY

Lab I.D.   
 Sample I.D.   
 (G)RAB OR (C)COMP.   
 # CONTAINERS   
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:   
 PRESERV: ACID/BASE, ICE/COOL, OTHER:   
 SAMPLING: DATE, TIME

Lab I.D.	Sample I.D.	(G)RAB OR (C)COMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL	BTX	TPH
<i>H20571</i>	<i>50-11 @ 3'</i>		<i>1</i>				<i>2/8</i>	<i>220</i>	<i>CL</i>	<i>BTX</i>	<i>TPH</i>
<i>70</i>	<i>50-12</i>							<i>225</i>			
<i>71</i>	<i>50-13</i>							<i>230</i>			

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Relinquished By: *Paul W. Jones* Date: *2-14-22* Received By: *Monica Delgado*  
 Date: *1-25-20* Time: *1:50*

Delivered By: (Circle One) *5.30* *C-O-S-E* Sample Condition: Cool  Intact  Yes  No  
 Sampler - UPS - Bus - Other: *4.8e #113* CHECKED BY: (Initials) *AD*  
 Relinquished By: *Paul W. Jones* Date: *1-25-20* Received By: *Monica Delgado*

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

---

February 25, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: NINA CORTEL FED

Enclosed are the results of analyses for samples received by the laboratory on 02/21/22 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly legible.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/21/2022	Sampling Date:	02/21/2022
Reported:	02/25/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	** (See Notes)
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 31 B (H220663-01)**

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	02/25/2022	ND	2.10	105	2.00	6.12	
Toluene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	6.19	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.92	96.2	2.00	9.37	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	5.95	99.2	6.00	9.57	
Total BTEX	<0.300	0.300	02/25/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/24/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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



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

**Analytical Results For:**

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

Received:	02/21/2022	Sampling Date:	02/21/2022
Reported:	02/25/2022	Sampling Type:	Soil
Project Name:	NINA CORTEL FED	Sampling Condition:	** (See Notes)
Project Number:	702520.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO NM		

**Sample ID: S - 39 B (H220663-02)**

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	02/25/2022	ND	2.10	105	2.00	6.12		
Toluene*	<0.050	0.050	02/25/2022	ND	2.04	102	2.00	6.19		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	1.92	96.2	2.00	9.37		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	5.95	99.2	6.00	9.57		
Total BTEX	<0.300	0.300	02/25/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/24/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	185	92.3	200	0.528		
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	224	112	200	1.95		
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND						

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.9 % 59.5-142

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



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

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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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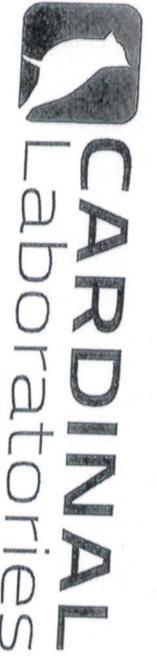
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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE  
Project Manager:  
Address: 408 W. Texas Ave  
City: Artesia  
Phone #: 575.746.8768  
State: NM zip: 88210

BILL TO

ANALYSIS REQUEST

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

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H226663	5-31B	1	1						2/21	1:30	CL	
	5-39B	1	1						2/21	1:35	BTM	
											TPH	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. (11/07/2010) Cardinal is liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: \_\_\_\_\_  
Date: 2-21-20  
Time: 1445

Received By: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Received By: \_\_\_\_\_  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Phone Result:  Yes  No  
Fax Result:  Yes  No  
REMARKS: EMAIL RESULTS TO: jcauser@TalonLPE.com  
A Parker

Delivered By: (Circle One)

UPS - 11:50  
Bus - 11:02 #113

Sample Condition Cool Intact  
Yes  No

CHECKED BY: (Initials)  
AP

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



## Appendix V

NMOCD

C-141

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

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

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

Incident ID	nAPP2202158025
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: Matador Production Company	OGRID: 228937
Contact Name: Arsenio T. Jones	Contact Telephone: 575-361-4333
Contact email: arsenio.jones@matadorresources.com	Incident # (assigned by OCD): nAPP2202158025
Contact mailing address: One Lincoln Centre Dallas, TX 75240	

### Location of Release Source

Latitude 32.414012 \_\_\_ Longitude -103.667806 (location of source)  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name: Nina Cortell Fed Com #124H	Site Type: Flow line Oil Production
Date Release Discovered: 01/21/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	03	22S	32E	Lea

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 checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 56 bbls	Volume Recovered (bbls) 0bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

This release was caused by corrosion on the discharge header (filter pot) located on piping for the SWD.

Form C-141

State of New Mexico  
Oil Conservation Division

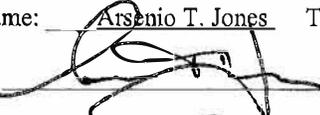
Page 2

Incident ID	nAPP2202158025
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Major Release over 25bbbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notification was provided to the NMOCD on 01/21/2022 by Arsenio Jones of Matador (online).	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:  _____ _____ _____
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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>Arsenio T. Jones</u> Title: <u>Regulatory, Environmental and Safety Specialist</u> Signature:  Date: <u>1/25/2022</u> email: <u>arsenio.jones@matadorresources.com</u> Telephone: <u>575-361-4333</u>
<b><u>OCD Only</u></b> Received by: <u>Ramona Marcus</u> Date: <u>2/4/2022</u>

Incident ID	nAPP2202158025
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	560 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

<b>Characterization Report Checklist:</b> <i>Each of the following items must be included in the report.</i>
<input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
<input checked="" type="checkbox"/> Field data
<input checked="" type="checkbox"/> Data table of soil contaminant concentration data
<input checked="" type="checkbox"/> Depth to water determination
<input checked="" type="checkbox"/> Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
<input type="checkbox"/> Boring or excavation logs
<input checked="" type="checkbox"/> Photographs including date and GIS information
<input checked="" type="checkbox"/> Topographic/Aerial maps
<input checked="" type="checkbox"/> Laboratory data including chain of custody

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

Form C-141

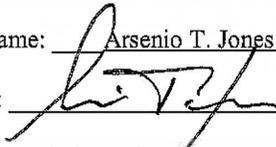
State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2202158025
District RP	
Facility ID	
Application ID	

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

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

Signature:  Date: 1/25/2022

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

**OCD Only**

Received by: Ramona Marcus Date: 2/4/2022

Incident ID	nAPP2202158025
District RP	
Facility ID	30-025-44550
Application ID	

## Remediation Plan

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

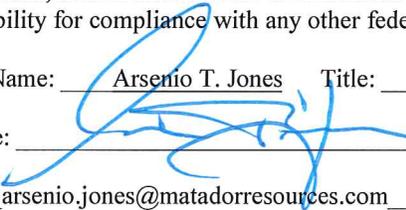
- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation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

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

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

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

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

Signature:  Date: 4/29/2022

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

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved     
 Approved with Attached Conditions of Approval     
 Denied     
 Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2202158025
District RP	
Facility ID	30-025-44550
Application ID	

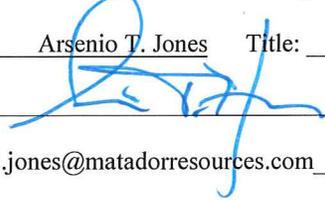
### Closure

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

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

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

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

Printed Name: Arsenio T. Jones Title: Regulatory, Environmental and Safety Specialist  
 Signature:  Date: 4/29/2022  
 email: arsenio.jones@matadorresources.com Telephone: 575-361-4333

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 05/23/2022  
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

\*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*

Location of spill: Nina Cortell Fed Com #124H

Date of Spill: 1/21/2022

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here:

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0 BBL WATER: 0.0 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes. Standing Liquid Calculations

Total Area Calculations					Standing Liquid Calculations					
wet soil					length liquid depth					
Total Surface Area	width	length	depth	oil (%)	width	length	liquid depth	oil (%)		
Rectangle Area #1	184 ft	X	98 ft	X	12 in					
Rectangle Area #2	ft	X	ft	X	in					
Rectangle Area #3	ft	X	ft	X	in					
Area #4	ft	X	ft	X	0 in					
#5	0 ft	X	0 ft	X	0 in					
#6	0 ft	X	0 ft	X	0 in					
#7	0 ft	X	0 ft	X	0 in					
Rectangle Area #8	0 ft	X	0 ft	X	0 in					

okay

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD)

Total Hydrocarbon Content in gas: 0% (percentage)

Did leak occur before the separator?  YES  N/A (place an "X")

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid Recovered: 0 BBL okay

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor \*: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.

Use the following when the liquid completely fills the pore space of the soil:

- \* Sand = 0.08-gallon (gal.) liquid per gal. volume of soil.
- \* Gravelly (caliche) loam = 0.14 gal. liquid per gal. volume of soil.
- \* Sandy clay loam soil = 0.14 gal liquid per gal. volume of soil.
- \* Clay loam = 0.16 gal. liquid per gal. volume of soil.

- Occurs when the spill-soaked soil is contained by barriers, natural (or not).
- \* Clay loam = 0.20 gal. liquid per gal. volume of soil.
- \* Gravelly (caliche) loam = 0.25 gal. liquid per gal. volume of soil.
- \* Sandy loam = 0.5 gal. liquid per gal. volume of soil.

Total Solid/Liquid Volume: 10,923 sq. ft. 404 cu. ft. cu. ft. Total Free Liquid Volume: sq. ft. cu. ft. cu. ft.

Estimated Volumes Spilled

Liquid in Soil: 56 BBL H2O 0.0 BBL OIL  
 Free Liquid: 0.0 BBL 0.0 BBL  
 Totals: 56 BBL 0.0 BBL

Estimated Production Volumes Lost

Estimated Production Spilled: 56 BBL H2O 0.0 BBL OIL

Estimated Surface Damage

Surface Area: 10,923 sq. ft.  
 Surface Area: .1033 acre

Recovered Volumes

Estimated oil recovered: BBL check - okay  
 yds. Estimated water recovered: BBL check - okay

Estimated Weights, and Volumes

Saturated Soil = lbs 10,923 cu. ft. 1214 cu.  
 Total Liquid = 56 BBL 2352 gallon 6,829 lbs

Air Emission from flowline leaks:

Volume of oil spill: - BBL  
 Separator gas calculated: - MCF  
 Separator gas released: - MCF  
 Gas released from oil: - lb  
 H2S released: - lb  
 Total HC gas released: - lb  
 Total HC gas released: - MCF

Air Emission of Reporting Requirements:

New Mexico Texas  
 HC gas release reportable? NO NO  
 H2S release reportable? NO NO

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
 Action 75598

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 75598
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	2/10/2022

**From:** [CFO Spill, BLM\\_NM](#)  
**To:** [Arsenio Jones](#); [Rebecca Pons](#)  
**Cc:** [Doug Prejean](#)  
**Subject:** Re: [EXTERNAL] Re: Nina Cortell Fed Com #124H Incident No.nAPP2202158025  
**Date:** Tuesday, January 25, 2022 3:55:43 PM  
**Attachments:** [image001.png](#)  
[image.png](#)

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All,

The BLM has received your C-141, and gives approval to begin clean up. Please send in your analytical results for review with your remediation work plan. If you have any questions or need anything further, please let me know.

**Crisha A. Morgan** | Certified - Environmental Protection Specialist | Program Officer | COR | Spills Coordinator | Orphaned Well POC Lead  
Bureau of Land Management | Carlsbad Field Office  
620 E. Greene Street Carlsbad, NM 88220  
Cell 575-200-8648 | Office 575-234-5987 | [camorgan@blm.gov](mailto:camorgan@blm.gov)



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**From:** Arsenio Jones <[arsenio.jones@matadorresources.com](mailto:arsenio.jones@matadorresources.com)>  
**Sent:** Tuesday, January 25, 2022 3:23 PM  
**To:** Rebecca Pons <[rpons@talonlpe.com](mailto:rpons@talonlpe.com)>  
**Cc:** Doug Prejean <[DPrejean@matadorresources.com](mailto:DPrejean@matadorresources.com)>; CFO\_Spill, BLM\_NM <[BLM\\_NM\\_CFO\\_Spill@blm.gov](mailto:BLM_NM_CFO_Spill@blm.gov)>  
**Subject:** [EXTERNAL] Re: Nina Cortell Fed Com #124H Incident No.nAPP2202158025

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Thank you ma'am. I will send the emails out as soon as I can.

Arsenio T. Jones  
Matador Resources Company  
575.361.4333  
[www.matadorresources.com](http://www.matadorresources.com)

Email: arsenio.jones@matadorresources.com

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**From:** Rebecca Pons <rpons@talonlpe.com>  
**Sent:** Tuesday, January 25, 2022 10:47:31 AM  
**To:** Arsenio Jones <arsenio.jones@matadorresources.com>  
**Cc:** Doug Prejean <DPrejean@matadorresources.com>; CFO\_Spill, BLM\_NM <BLM\_NM\_CFO\_Spill@blm.gov>  
**Subject:** Nina Cortell Fed Com #124H Incident No.nAPP2202158025

**\*\*EXTERNAL EMAIL\*\***

Good Morning Gentlemen,

I have attached all of site assessment documentation for the Nina Cortell. The bad news is according to all of my calculations the volume of spill is approximately 56 bbl. The good news: the impact is approximately 18" bgs.

Please review all of the documentation and let me know if you have any questions. Arsenio, please sign the bottom of the C-141 pages and attach all of this site documentation for the upload to the NMOCD. Also please email all documentation to the BLM at [CFO\\_Spill, BLM\\_NM](mailto:CFO_Spill, BLM_NM) [BLM\\_NM\\_CFO\\_Spill@blm.gov](mailto:BLM_NM_CFO_Spill@blm.gov)

I will include the BLM on all closure documentation as well.

**Rebecca Pons**

**Environmental Project Manager**

Office: 575.746.8768 x708

Direct: 575.616.4023

Cell: 575.441.0980

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

CONDITIONS

Action 103989

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 103989
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	5/23/2022