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Closure Report

Mallon 27 Federal Com #001H
Lea County, New Mexico
Incident # nAPP2210340949
P-27-19S-34E

Prepared For:

Matador Production Company
One Lincoln Center
Dallas, TX 75240

Prepared By:

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

May 19, 2022

Mr. Mike Bratcher
NMOCD
Artesia, NM

Mr. Jim Amos
BLM
Carlsbad, NM

Subject: **Closure Report**
Mallon 27 Federal Com #001H
Lea County, New Mexico
Incident # nAPP2210340949

Dear Mr. Bratcher,

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 Mallon 27 Federal Com #001H is located approximately forty-two (42) miles east of Carlsbad, New Mexico. The legal description for the site of the release is Unit Letter P, Section 27, Township 19 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.624239 and -103.542261. 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 Pyote and Maljamar fine sands and Dune land, 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 Eolian deposits derived from sedimentary rock. Drainage courses in this area are typically well drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 28 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		28	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 and off of the designated production area the clean-up criteria for the upper 4 feet of this site per NMAC 19.15.29.13.D is as follows:

Table I Closure Criteria for Soils Impacted by a Release			
Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 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 April 12, 2022 Matador personnel noticed a release of fluid caused by the welded collar on a poly fusion flow line was compromised by a weld that did not hold pressure. The riser and poly fusion line traverse from the southwest corner of Mallon 27 Fed. 1 pad area. Talon was contracted immediately to assess this site. A hydro-vac was immediately dispatched to minimize impact. A spill notification and subsequent C-141 was submitted to the NMOCD that assigned this incident no. nAPP2210340949. The C-141 is attached in Appendix V. The site map is presented in [Appendix I](#).

Site Assessment

On April 12, 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 (Method SM4500Cl-B), TPH (EPA Method 8015M), and BTEX (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
04/18/2022 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1	4/12/2022	0-1'	ND	ND	ND	ND	ND	-	10100
	4/12/2022	2'	ND	ND	ND	ND	ND	-	10000
S-2	4/12/2022	0-1'	ND	ND	ND	38.5	22.3	60.8	752
	4/12/2022	2'	ND	ND	ND	ND	ND	-	192
S-3	4/12/2022	0-1'	ND	ND	ND	ND	ND	-	2320
	4/12/2022	2'	ND	ND	ND	ND	ND	-	368
BG-1	4/29/2022	0'	ND	ND	ND	ND	ND	-	48
BG-2	4/29/2022	0'	ND	ND	ND	ND	ND	-	48
BG-3	4/29/2022	0'	ND	ND	ND	ND	ND	-	16
BG-4	4/29/2022	0'	ND	ND	ND	ND	ND	-	32
ND = Analyte not detected BG = Background sample									

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

On April 26, 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 and confirm horizontal extent of impact. Field titration data was used to guide the clean-up efforts. The impacted area was excavated from 2 foot to 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
Soil Confirmation Samples Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1A	4/29/2022	3'	ND	ND	ND	21	ND	21	16
S-2A	4/26/2022	2'	ND	ND	ND	ND	ND	-	224
S-3A	4/26/2022	4'	ND	ND	ND	ND	ND	-	112
S-4A	4/26/2022	3'	ND	ND	ND	ND	ND	-	416
S-5A	4/26/2022	3'	ND	ND	ND	ND	ND	-	624
S-5B	5/4/2022	4'	ND	ND	ND	ND	ND	-	32
S-6A	4/29/2022	3'	ND	ND	ND	ND	ND	-	96
S-7A	5/2/2022	5'	ND	ND	ND	ND	ND	-	160
S-8A	5/2/2022	5'	ND	ND	ND	ND	ND	-	320
S-9A	5/2/2022	3'	ND	ND	ND	ND	ND	-	192
S-10A	5/4/2022	4'	ND	ND	ND	ND	ND	-	240
S-11A	5/4/2022	2'	ND	ND	ND	ND	ND	-	304
S-12A	5/4/2022	5'	ND	ND	ND	ND	ND	-	304
S. SW-1	4/26/2022	4'	ND	ND	ND	ND	ND	-	48
S.SW-2	4/29/2022	5'	ND	ND	ND	ND	ND	-	32
W. SW-1	4/26/2022	3'	ND	ND	ND	ND	ND	-	48
W.SW-2	5/4/2022	4'	ND	ND	ND	ND	ND	-	128
W.SW-3	5/4/2022	3'	ND	ND	ND	ND	ND	-	160
E. SW-1	4/26/2022	2'	ND	ND	ND	ND	ND	-	512
E.SW-2	4/29/2022	3'	ND	ND	ND	ND	ND	-	32
E.SW-3	5/2/2022	3'	ND	ND	ND	ND	ND	-	128
N.SW-1	5/2/2022	3'	ND	ND	ND	ND	ND	-	240
ND = Analyte not detected SW = Sidewall sample									

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

Remedial Actions

- The impacted area in the vicinity of the riser at the source was excavated to depths of 4 feet bgs.
- The spill run traversed a two track for approximately 78 feet to the south. This area was vertically excavated to depths of 5 feet and to the horizontal extent that NMOCD Table 1 soil remediation standards were met or exceeded. Repairs were made to the collar and poly line.
- All contaminated soil was transported to Lea Landfill, a NMOCD approved solid waste disposal facility.
- The excavated area was backfilled with clean sand native to the area, restored to dunal feature and seeded in accordance with BLM guidelines.

Closure

Based on this site characterization, remedial action completed, and analytical results, we request that no further actions be required and that closure with regard to this incident be granted.

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

Respectfully submitted,

Talon/LPE

Rebecca S. Pons
Senior Environmental Project Manager

Attachments:

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



Appendix I



Site Maps

Matador Resources

Mallon 27 Fed Com #001H
Lea County, NM

Vicinity Map

Legend

-  Mallon 24 Fed Com #001
-  Untitled Path



Mallon 24 Fed Com #001

U.S. Hwy 62

180

62

2000 ft


N


Matador Resources

Mallon 27 Fed Com #001H
Eddy County, NM

nAPP2210340949

Legend Page 10 of 79

 Impacted Area

 Mallon 27 1

 Sample Position



Mallon 27 Fed Com #001H
Eddy County, NM

nAPP2210340949

Legend Page 11 of 79

Excavation

Mallon 27 1

Sample Position



Matador Resources

Mallon 27 Fed Com #001H
Lea County, NM

Karst Map

Legend

- High
- Low
- Mallon 24 Fed Com #001
- Medium



Mallon 24 Fed Com #001

U.S. Hwy 62

180




1000 ft

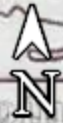
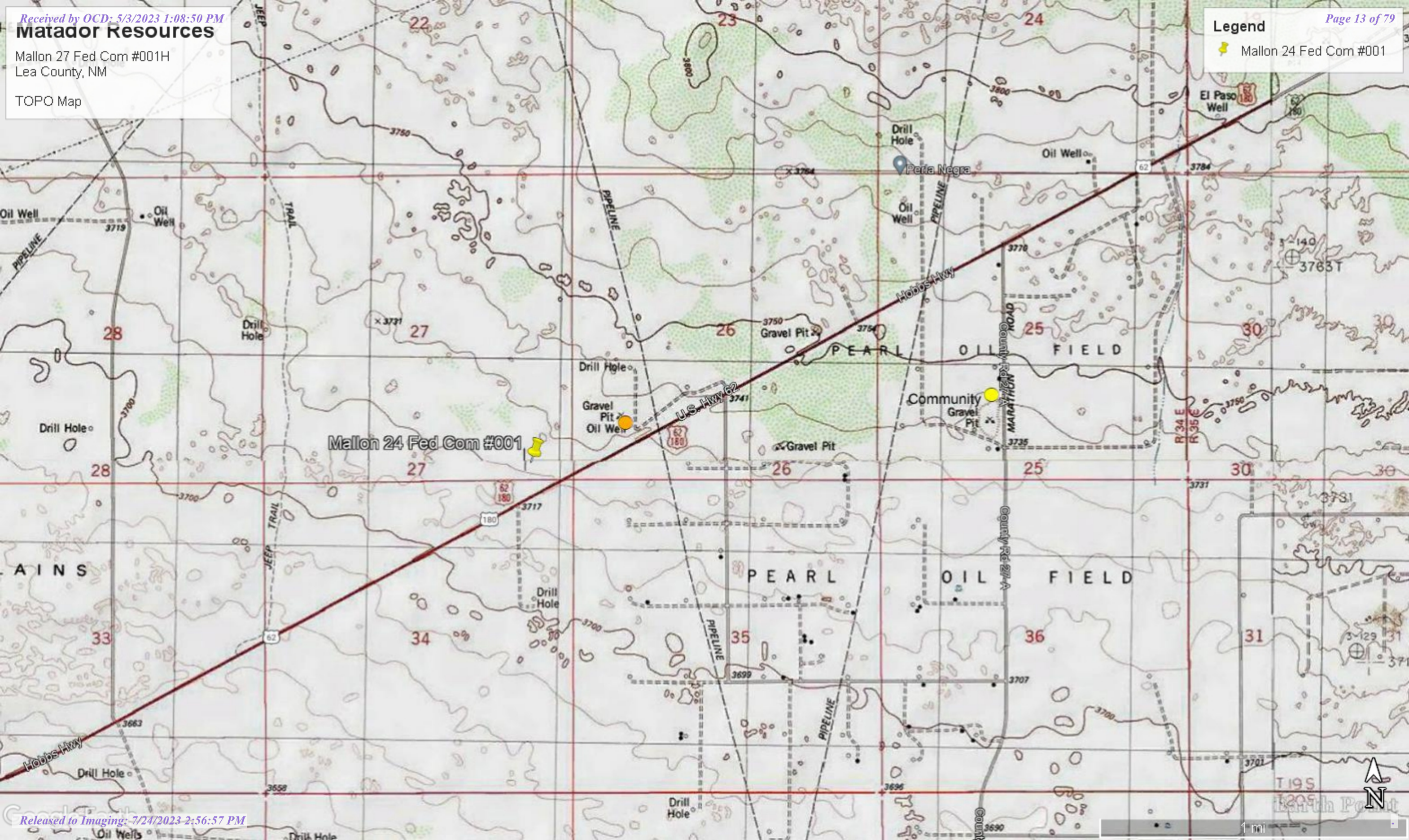
Matador Resources

Mallon 27 Fed Com #001H
Lea County, NM

TOPO Map

Legend

 Mallon 24 Fed Com #001





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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01672 POD1		CP	LE	1	3	1	36	19S	34E	638736	3610009	2062	100		
CP 00683 POD1		CP	LE	3	3	4	25	19S	34E	639530	3610685*	2781	120	28	92
Average Depth to Water:														28 feet	
Minimum Depth:														28 feet	
Maximum Depth:														28 feet	

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 636750.61

Northing (Y): 3610569.15

Radius: 3000

*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.

4/12/22 6:47 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



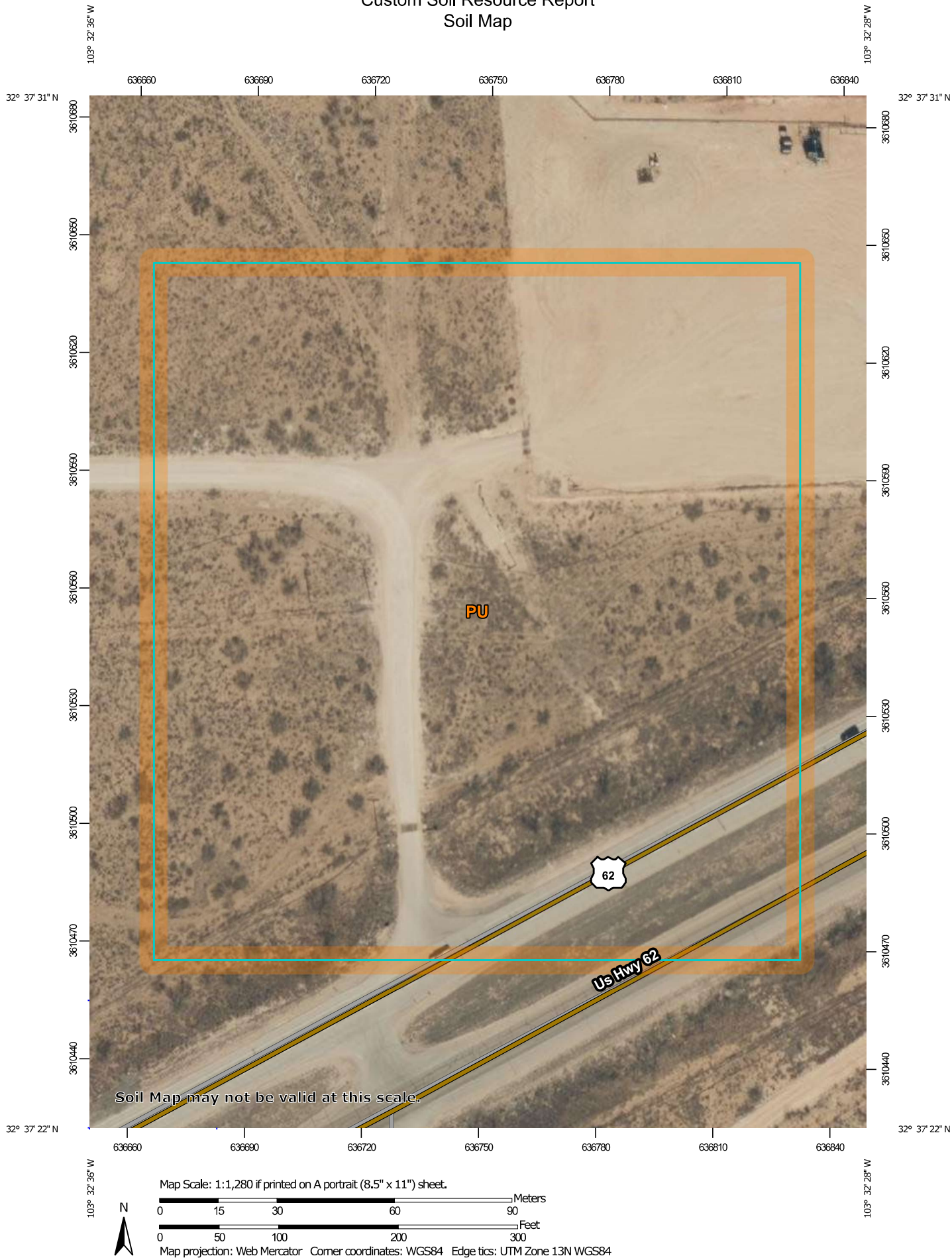
A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico



April 12, 2022

Custom Soil Resource Report Soil Map



Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

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

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
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: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

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

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
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: 5 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: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R042XC022NM - Sandhills
Hydric soil rating: No



Appendix III

Photographic Documentation



Closure Report

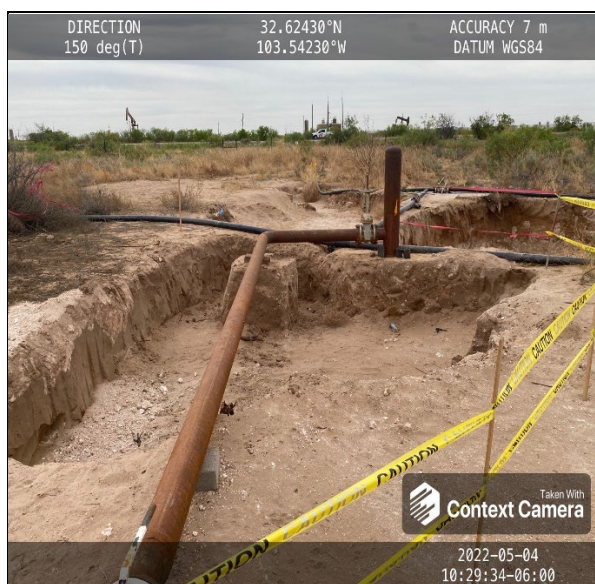
Matador Production Company, Mallon 27 Federal Com #001H

**Photograph No.1 Description:**

Source

**Photograph No.2 Description:**

Pasture Impact

**Photograph No.3 Description:**

Excavation at source

**Photograph No.4 Description:**

Pasture Excavation

**Photograph No.5 Description:**

Backfill at source

**Photograph No.6 Description:**

Backfilled Pasture



Appendix IV

Laboratory Data



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

April 18, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MALLON 27 FED COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 04/12/22 12:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - LEA CO		

Sample ID: S - 1 0-1' (H221502-01)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2022	ND	2.08	104	2.00	0.932	
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06	
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298	
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503	
Total BTEX	<0.300	0.300	04/15/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	04/14/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - LEA CO		

Sample ID: S - 1 2' (H221502-02)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/15/2022	ND	2.08	104	2.00	0.932		
Toluene*	<0.050	0.050	04/15/2022	ND	2.07	104	2.00	1.06		
Ethylbenzene*	<0.050	0.050	04/15/2022	ND	2.04	102	2.00	0.298		
Total Xylenes*	<0.150	0.150	04/15/2022	ND	6.31	105	6.00	0.503		
Total BTX	<0.300	0.300	04/15/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	04/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - LEA CO		

Sample ID: S - 2 0-1' (H221502-03)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90		
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09		
Total BTX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	04/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	38.5	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	22.3	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - LEA CO		

Sample ID: S - 2 2' (H221502-04)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90		
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09		
Total BTEX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	192	96.2	200	2.66	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	184	92.0	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - LEA CO		

Sample ID: S - 3 0-1' (H221502-05)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90		
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09		
Total BTEX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	04/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	218	109	200	2.60	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	0.595	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/12/2022	Sampling Date:	04/12/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - LEA CO		

Sample ID: S - 3 2' (H221502-06)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	5.90		
Toluene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.07	103	2.00	5.92		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.39	106	6.00	6.09		
Total BTX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	04/14/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2022	ND	218	109	200	2.60	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	220	110	200	0.595	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

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

[illegible]



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

April 29, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MALLON 27 FED COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 04/27/22 11:53.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	702520.026.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - LEA CO		

Sample ID: S - 2 A 2' (H221733-01)

BTEX 8021B			mg/kg		Analyzed By: MS/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: GM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/28/2022	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/27/2022
 Reported: 04/29/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 A 4' (H221733-02)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/28/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.2 % 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: 04/27/2022
 Reported: 04/29/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 A 3' (H221733-03)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	04/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/27/2022
 Reported: 04/29/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 A 3' (H221733-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	04/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/27/2022
 Reported: 04/29/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S. SW - 1 (H221733-05)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/27/2022
 Reported: 04/29/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W. SW - 1 (H221733-06)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	QR-03
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/27/2022
 Reported: 04/29/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: E. SW - 1 (H221733-07)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/28/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	219	109	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	224	112	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 10 of 10



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

May 09, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MALLON 27 FED COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 05/03/22 8:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	05/03/2022	Sampling Date:	04/29/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	702520.026.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - LEA CO		

Sample ID: S - 1 A 3' (H221819-01)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	21.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 A 3' (H221819-02)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEx	<0.300	0.300	05/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: E. SW - 2 (H221819-03)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane 136 % 66.9-136

Surrogate: 1-Chlorooctadecane 135 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S. SW - 2 (H221819-04)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.2 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BG - 1 0' (H221819-05)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	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	48.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BG - 2 0' (H221819-06)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	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	48.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.2 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BG - 3 0' (H221819-07)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BG - 4 0' (H221819-08)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/05/2022	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 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.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		P.O. #:		BILL TO									
Project Manager: R. Pons				ANALYSIS REQUEST									
Address: 408 W. Texas Ave		Company:											
City: Artesia		Attn:											
Phone #: 575.746.8768		Address:											
Fax #:		City:											
Project #: 702530.026.01		State: Zip: 88210											
Project Name: Mallan 27		Project Owner: Matador											
Project Location: Lea County, NH		State: Zip:											
Sampler Name: J. Carnes		Phone #:											
Fax #:													
FOR LAB USE ONLY													

FOR LAB USE ONLY						FAX #:
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE TIME
#201819						
5-1A 3'		C	1			4-28-21 8:10
5-6A 2'				X		8:25
E-5C-2						8:35
5-5C-2						8:30
BG-1 0'		G				8:00
BG-2 0'						8:05
BG-3 0'						8:10
BG-4 0'						8:15
						X Chlorides
						X TPH
						X BTEX

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Relinquished By: _____ Date: 3-29 Received By: _____

Reinquired By: <i>[Signature]</i>		Date: <i>5/3/00</i>		Received By: <i>[Signature]</i>		Date: <i>5/3/00</i>	
Time: <i>0850</i>		Date: <i>5/3/00</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: _____	
Remarks: _____		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #: _____		_____	

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



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

May 09, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MALLON 27 FED COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 05/03/22 8:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2022	Sampling Date:	05/02/2022
Reported:	05/09/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	Cool & Intact
Project Number:	702520.026.01	Sample Received By:	Shalyn Rodriguez
Project Location:	MATADOR - LEA CO		

Sample ID: S - 7 A 5' (H221820-01)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEX	<0.300	0.300	05/06/2022	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	160	16.0	05/05/2022	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	05/05/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane 135 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 8 A 5' (H221820-02)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEx	<0.300	0.300	05/06/2022	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	320	16.0	05/05/2022	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	05/05/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					

Surrogate: 1-Chlorooctane 132 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S - 9 A 3' (H221820-03)

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	05/06/2022	ND	2.14	107	2.00	2.87	
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09	
Total BTEX	<0.300	0.300	05/06/2022	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	192	16.0	05/05/2022	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	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

Cardinal Laboratories

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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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: N. SW - 1 (H221820-04)

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	05/06/2022	ND	2.14	107	2.00	2.87		
Toluene*	<0.050	0.050	05/06/2022	ND	2.14	107	2.00	3.59		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.33	105	6.00	3.09		
Total BTEx	<0.300	0.300	05/06/2022	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	240	16.0	05/05/2022	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	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 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: 05/03/2022
 Reported: 05/09/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/02/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: E. SW - 3 (H221820-05)

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	05/06/2022	ND	2.18	109	2.00	0.291		
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	107	2.00	0.217		
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636		
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.59	110	6.00	1.08		
Total BTEx	<0.300	0.300	05/06/2022	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	128	16.0	05/05/2022	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	05/06/2022	ND	204	102	200	4.82	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	189	94.7	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Notes and Definitions

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

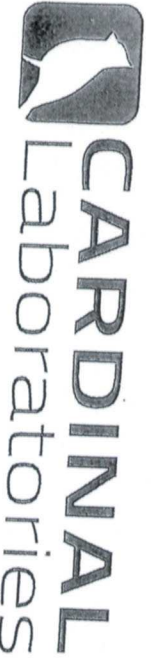
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Atesia

Phone #: 575.746.8768

State: NM zip: 88210

Project #: 702520.026.01

Fax #:

Project Name: Mallon A7

Project Owner: Matador

Project Location: Lea County, NM

Sampler Name: S. Carnes

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

1021820

5-74 5'

5-84 5'

5-94 3'

N.50-1

E.50-3

DATE

TIME

1:35

11:30

11:00

11:10

11:05

Chlorides

TPH

BTEX

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

MATRIX

PRESERV

SAMPLING

ANALYSIS REQUEST

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Relinquished By:

Date:

5:30

Received By:

5:30

Time:

1850

Received By:

5:30

Time:

1850

Delivered By: (Circle One)

4.4°E-0.5°E

3.7°E-11.3°E

Sampler - UPS - Bus - Other:

Sample Condition

Coat Intact

Yes

No

CHECKED BY:

(Initials)

80

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

REMARKS:

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

Released by Imaging: 7/24/2023 2:56:57 PM

Page 8 of 8



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

May 10, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MALLON 27 FED COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 05/04/22 11:07.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	05/04/2022	Sampling Date:	05/04/2022
Reported:	05/10/2022	Sampling Type:	Soil
Project Name:	MALLON 27 FED COM #001H	Sampling Condition:	** (See Notes)
Project Number:	702520.026.01	Sample Received By:	Tamara Oldaker
Project Location:	MATADOR - LEA CO		

Sample ID: S - 5 B 4' (H221856-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2022	ND	2.04	102	2.00	3.59	
Toluene*	<0.050	0.050	05/08/2022	ND	2.00	100	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.88	94.1	2.00	3.09	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.86	97.7	6.00	2.70	
Total BTX	<0.300	0.300	05/08/2022	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	32.0	16.0	05/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	193	96.3	200	4.71	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	197	98.6	200	9.37	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 77.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2022
 Reported: 05/10/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 10 A 4' (H221856-02)

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	05/08/2022	ND	2.04	102	2.00	3.59		
Toluene*	<0.050	0.050	05/08/2022	ND	2.00	100	2.00	3.08		
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.88	94.1	2.00	3.09		
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.86	97.7	6.00	2.70		
Total BTEx	<0.300	0.300	05/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	05/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	202	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	211	106	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 75.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.4 % 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: 05/04/2022
 Reported: 05/10/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 11 A 2' (H221856-03)

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	05/08/2022	ND	2.04	102	2.00	3.59		
Toluene*	<0.050	0.050	05/08/2022	ND	2.00	100	2.00	3.08		
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.88	94.1	2.00	3.09		
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.86	97.7	6.00	2.70		
Total BTEX	<0.300	0.300	05/08/2022	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	304	16.0	05/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	202	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	211	106	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2022
 Reported: 05/10/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 12 A 5' (H221856-04)

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	05/08/2022	ND	2.04	102	2.00	3.59	
Toluene*	<0.050	0.050	05/08/2022	ND	2.00	100	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.88	94.1	2.00	3.09	
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.86	97.7	6.00	2.70	
Total BTEX	<0.300	0.300	05/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/06/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	202	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	211	106	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2022
 Reported: 05/10/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: W. SW - 2 (H221856-05)

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	05/08/2022	ND	2.04	102	2.00	3.59		
Toluene*	<0.050	0.050	05/08/2022	ND	2.00	100	2.00	3.08		
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.88	94.1	2.00	3.09		
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.86	97.7	6.00	2.70		
Total BTEX	<0.300	0.300	05/08/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	202	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	211	106	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 69.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 69.7 % 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: 05/04/2022
 Reported: 05/10/2022
 Project Name: MALLON 27 FED COM #001H
 Project Number: 702520.026.01
 Project Location: MATADOR - LEA CO

Sampling Date: 05/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: W. SW - 3 (H221856-06)

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	05/08/2022	ND	2.04	102	2.00	3.59		
Toluene*	<0.050	0.050	05/08/2022	ND	2.00	100	2.00	3.08		
Ethylbenzene*	<0.050	0.050	05/08/2022	ND	1.88	94.1	2.00	3.09		
Total Xylenes*	<0.150	0.150	05/08/2022	ND	5.86	97.7	6.00	2.70		
Total BTEx	<0.300	0.300	05/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	05/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2022	ND	202	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	05/06/2022	ND	211	106	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					

Surrogate: 1-Chlorooctane 68.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 68.3 % 59.5-142

Cardinal Laboratories

*=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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "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: A. Pans

Address: 408 W. Texas Ave

City: Artesia

State: NM zip: 88210

Phone #: 575.746.8768

Fax #:

Project #: 703520.026.01

Project Owner: Matador

Project Name: Mallon 27

City:

Project Location: Lea County, NH

State: zip:

Sample Name: J. Caines

Phone #:

FOR LAB USE ONLY

Fax #:

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.

Sample I.D.

#221856

1 5-5B 4'

2 5-10A 4'

3 5-11A 2'

4 5-12A 5'

5 W-5W-2

6 W-5W-3

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

Chlorides

TPH

BTEX

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Relinquished By:

Date: 5-4-22

Received By:

Relinquished By:

Date: 1107

Received By:

Time:

Time:

Delivered By: (Circle One)

19.8°C C-0.5°C

Sampler - UPS - Bus - Other:

19.3°C #113

Sample Condition

Cool Intact

Yes ☒ No ☐

CHECKED BY:

(Initials)

YO

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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



Appendix V

NMOCD

C-141

Rebecca Pons

From: Rebecca Pons
Sent: Wednesday, April 27, 2022 2:43 PM
To: info, nmwrrs, OSE
Cc: Arsenio Jones; James Carnes
Subject: naPP2210340949

Please accept this email as notification of the confirmation sampling event for the Mallon 27 Federal Com #001H. Talon personnel will be on site to sample at 8:00 AM Friday, April 29, 2020. Please feel free to reach out to me if you have any questions or concerns.

Respectfully,

Rebecca Pons

Rebecca Pons
Senior Environmental Project Manager
Office: 575.746.8768 x708
Direct: 575.616.4023
Cell: 575.441.0980
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com



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

Location of spill: 32.624164, -103.542256

Date of Spill: 04/12/2022

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.

Total Area Calculations						Standing Liquid Calculations									
Total Surface Area		width	length	wet soil		oil (%)	Standing Liquid Area		length		liquid depth		oil (%)		
				depth					width	:	%				
Rectangle Area #1	33	ft	X	40	ft	X	18	in	0	ft	X	0	in	0%	
Rectangle Area #2	0	ft	X	0	ft	X	0	in	0%	0	ft	X	0	in	0%
Rectangle Area #3	0	ft	X	0	ft	X	0	in	0%	0	ft	X	0	in	0%
Rectangle Area #4	0	ft	X	0	ft	X	0	in	0%	0	ft	X	0	in	0%
Rectangle Area #5	0	ft	X	0	ft	X	0	in	0%	0	ft	X	0	in	0%
Rectangle Area #6	0	ft	X	0	ft	X	0	in	0%	0	ft	X	0	in	0%
Rectangle Area #7	0	ft	X	0	ft	X				0	ft	X			
Rectangle Area #8	0	ft	X	0	ft	X	0	in	0%	0	ft	X	0	in	0%
Rectangle Area #8	0	ft	X	0	ft	X				0	ft	X	0	in	0%

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

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

Liquid holding factor *: 0.08 gal per gal

Use the following when the spill wets the grains 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.

Use the following when the liquid completely fills the pore space of the 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:	1,898 sq. ft.	3,796 cu. ft.	cu. ft.	Total Free Liquid Volume:	sq. ft.	cu. ft.	cu. ft.
Estimated Volumes Spilled				Estimated Production Volumes Lost			
Liquid in Soil:	14 BBL	H2O	OIL	Estimated Production Spilled:	0.0 BBL	H2O	OIL
Free Liquid:	BBL		BBL				
Totals:	BBL		0.0 BBL				
Estimated Surface Damage				Estimated Weights, and Volumes			
Total Liquid Spill Liquid:	14 BBL	BBL		Surface Area:	1,898 sq. ft.		
				Surface Area:	.05 acre		
Recovered Volumes				Estimated Weights, and Volumes			
Estimated oil recovered:	NA BBL	check - okay		Saturated Soil =	423,055 lbs	3,796 cu. ft.	422 cu. yds.
Estimated water recovered:	NA BBL	check - okay		Total Liquid =	14 BBL	588 gallon	71 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
 HC gas release reportable? NO
 H2S release reportable? NO
 Texas
 HC gas release reportable? NO
 H2S release reportable? NO

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

Incident ID	nAPP2210340949
District RP	
Facility ID	30-025-42212
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): nAPP2210340949
Contact mailing address: One Lincoln Centre Dallas, TX 75240	

Location of Release Source

Latitude 32.624164 Longitude -103.542256 (location of source)
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Mallon 27 Federal Com #001H	Site Type: Production Battery
Date Release Discovered: 4/12/2022	API# (if applicable) 30-025-42212

Unit Letter	Section	Township	Range	County
P	27	19S	34E	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) 14	Volume Recovered (bbls) 0
	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: Welded collar on poly fusion flow line was compromised by a weld that did not hold pressure.

Incident ID	nAPP2210340049
District RP	
Facility ID	30.025.42212
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notification was provided to the NMOCD on 4/13/2022 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>4/12/2022</u> email: <u>arsenio.jones@matadorresources.com</u> Telephone: <u>575-361-4333</u>	
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>08/31/2022</u>	

Incident ID	nAPP2210340049
District RP	
Facility ID	30.025.42212
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>28</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input 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 not 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.

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

Incident ID	nAPP2210340049
District RP	
Facility ID	30.025.42212
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: Clint Talley Date: 5/3/2023

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

OCD Only

Received by: Jocelyn Harimon Date: 05/03/2023

Incident ID	NAPP2210340949
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ 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: Clinton Talley Title: EHS
Signature: Clint Talley Date: 5/3/2023
email: clinton.talley@matadorresources.com Telephone: 337-319-8398

OCD Only

Received by: Jocelyn Harimon Date: 05/03/2023

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: Nelson Velez Date: 07/24/2023
Printed Name: Nelson Velez Title: Environmental Specialist - Adv

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 213255

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 213255
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	7/24/2023