Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nRM2008543296
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: Chad Hensley Title: EHS Coordinator

Signature: Chad Hensley Date: 08/16/2022

email: Chad Hensley Telephone: (346) 339-1494

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

talonlpe.com • 866.742.0742

TALON LPE

Remediation and Closure Report

Dodd Federal Unit #925H
Eddy County, New Mexico
API # 30-015-45111

Prepared For:

Spur Energy Partners
920 Memorial City Way Suite 1000
Houston, TX 77024

Prepared By:

TALON/LPE
408 West Texas Avenue
Artesia, New Mexico 88210

April 14, 2020

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

Subject: **Remediation and Closure Report**
Dodd Federal Unit #925H
Eddy County, NM
API # 30-015-45111

Dear Mr. Bratcher,

Spur Energy Partners (Spur) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The results of our site assessment and remediation activities are contained herein.

Site Information

The Dodd Federal Unit #925H is located approximately 22 miles east of Artesia, New Mexico. The legal description for the site of this release is Unit Letter O, Section 15, Township 17 South and Range 29 East in Eddy County, New Mexico. More specifically, the latitude and longitude for the release are 32.8273507 North and -104.0589689 West. The Site Plan is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Sandy loam, 0 to 3 percent slopes. The referenced soil data is attached in Appendix II. The local surface and shallow geology are Holocene to upper Pleistocene in age and is comprised of alluvial deposits. Drainage courses in this area are typically well drained. The project site is not located in a high Karst potential area Appendix II (Figure 5).

Groundwater and Site Characterization

The New Mexico Office of the State Engineer web site indicates that the nearest reported depth to groundwater is 78-feet below ground surface (BGS). See Appendix II for the referenced groundwater data.

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

Approximate Depth to Groundwater	**78 Feet/BGS**
☐Yes ☒No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
☐Yes ☒No	Within 200 feet of any lakebed, sinkhole or a playa lake
☐Yes ☒No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
☐Yes ☒No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
☐Yes ☒No	Within 1000 feet of any freshwater well or spring
☐Yes ☒No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
☐Yes ☒No	Within 300 feet of a wetland
☐Yes ☒No	Within the area overlying a subsurface mine
☐Yes ☒No	Within an unstable area
☐Yes ☒No	Within a 100-year floodplain

As this incident occurred in an area with a depth to groundwater of between 50 to 100 feet BGS, the closure criteria for this site is as follows:

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
51 feet-100 feet	Chloride	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

According to the C-141, a gauge on the flow line developed a leak causing a 12-bbl. produced water spill. The area of impact measured approximately 90' X 60'. All fluid remained on the pad area. A Vac truck was dispatched, recovering approximately 10-bbl. of the fluid. An initial C-141 was submitted on March 23, 2020 and is provided in Appendix III. The tracking number assigned by the NMOCD to this incident is **NRM2007953992**.

Site Assessment

On March 16, 2020, Talon personnel were mobilized to the site in order to commence site assessment and soil sampling activities. Grab soil samples were initially collected from the impacted area utilizing a hand auger. The site had endured several rain events, and the stained area was under water. Therefore, the initial horizontal sampling efforts were restricted to the outlying area of staining. Soil samples were properly packaged, preserved, and transported to Hall Environmental Laboratory, Inc. for analyses of Chloride (EPA Method 300.0), BTEX (Method 8260B), and TPH (Method 8015M/D). Analytical results from our initial sampling event are presented in the following data table. Initial site assessment sampling locations are illustrated on Appendix I (Figure 3). Complete laboratory reports can be found in Appendix VI.

Table 2: *Confirmation Soil Sample Analysis*

Sample ID	Depth (ft.)	Date	BTEX mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	**Total TPH** (mg/kg)	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				2500 mg/kg	10000 mg/kg
S2A-SW B	Comp	3/27/2020	NT	NT	ND	ND	ND	-	350
S2A-SW B	2'Comp	3/27/2020	NT	NT	ND	ND	ND	-	350
S2A-NW	2'Comp	3/27/2020	NT	NT	ND	ND	ND	-	290
S1A	1'Comp	3/27/2020	NT	NT	ND	300	150	450	3700
WSW	2'Comp	3/27/2020	NT	NT	ND	120	66	186	1100
ESW	2'Comp	3/27/2020	NT	NT	ND	ND	ND	-	320
S2A NE	Bottom 2' Comp	3/27/2020	NT	NT	ND	ND	ND	-	ND
SSW	Bottom 2' Comp	3/27/2020	NT	NT	ND	ND	ND	-	320
NSW	Bottom 2' Comp	3/27/2020	NT	NT	ND	ND	ND	-	72

ND = Not Detected NT = Not Tested
SW = Sidewall Soil Sample
Comp = Composite

Table 1 *: Initial Soil Sample Analysis*

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	**Total TPH** (mg/kg)	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				2,500 mg/kg	10,000 mg/kg
S-1	0-1	3/16/2020	ND	ND	74	790	300	1164	9600
	2-3	3/16/2020	ND	ND	ND	9.5	ND	9.5	380
	4	3/16/2020	ND	ND	ND	ND	ND	ND	200
S-2	0-1	3/16/2020	120	8.1	2900	10000	3500	16400	1600
	2-3	3/16/2020	ND	ND	ND	ND	ND	ND	ND
S-3	0-1	3/16/2020	1.	ND	48	380	150	578	120
	2-3	3/16/2020	ND	ND	ND	61	ND	61	70
S-4	0-1’	3/16/2020	ND	ND	ND	ND	ND	ND	180
	2-3’	3/16/2020	ND	ND	ND	ND	ND	ND	150
S-5	0-1’	3/16/2020	ND	ND	ND	ND	ND	ND	540
	2-3’	3/16/2020	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected

Based on the results of our site assessment and upon client authorization, excavation activities commenced on March 27, 2020. Confirmation samples were collected in order to confirm that NMOCD closure criteria had been met, the results of which can be found in the following data table. Confirmation sample locations can be found in Appendix I (Figure 4). Complete laboratory reports are presented in Appendix VI.

Remedial Actions

- The impacted areas in the vicinity of sample points S-1 and S-2 were excavated to a total depth of 1.0-2.0 feet BGS.

- The remaining impact was excavated to a depth of approximately 6", in order to remove surface staining.

- Confirmation samples were obtained from the sidewalls and bottoms of the excavated areas to verify that all contaminants above closure criteria had been removed. Sidewall excavations continued until closure criteria was met. The results are shown on Table 2 and the corresponding lab reports may be found in Appendix VI.

- All the excavated material (80 tons of contaminated soil) was transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility. Disposal Manifest are appended Appendix V.

- The excavated areas on the well pad were backfilled fresh caliche to grade, machine compacted and contoured to match the surrounding location, photo documentation can be seen in Appendix IV.

- The Final C-141 formally documenting the remedial actions is attached in Appendix III.

Closure

Based on the site assessment, remedial actions and confirmation sampling results completed for this project, on behalf of Spur Energy we request that no further actions be required, and that closure of the regulatory file associated with 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 Pons
Project Manager

David Adkins
District Manager

Attachments:

Appendix I Site Maps
Appendix II Soil Survey, Groundwater Data
Appendix III Initial and Final C-141
Appendix IV Photo Documentation
Appendix V Disposal Manifests
Appendix VI Laboratory Data

APPENDIX I

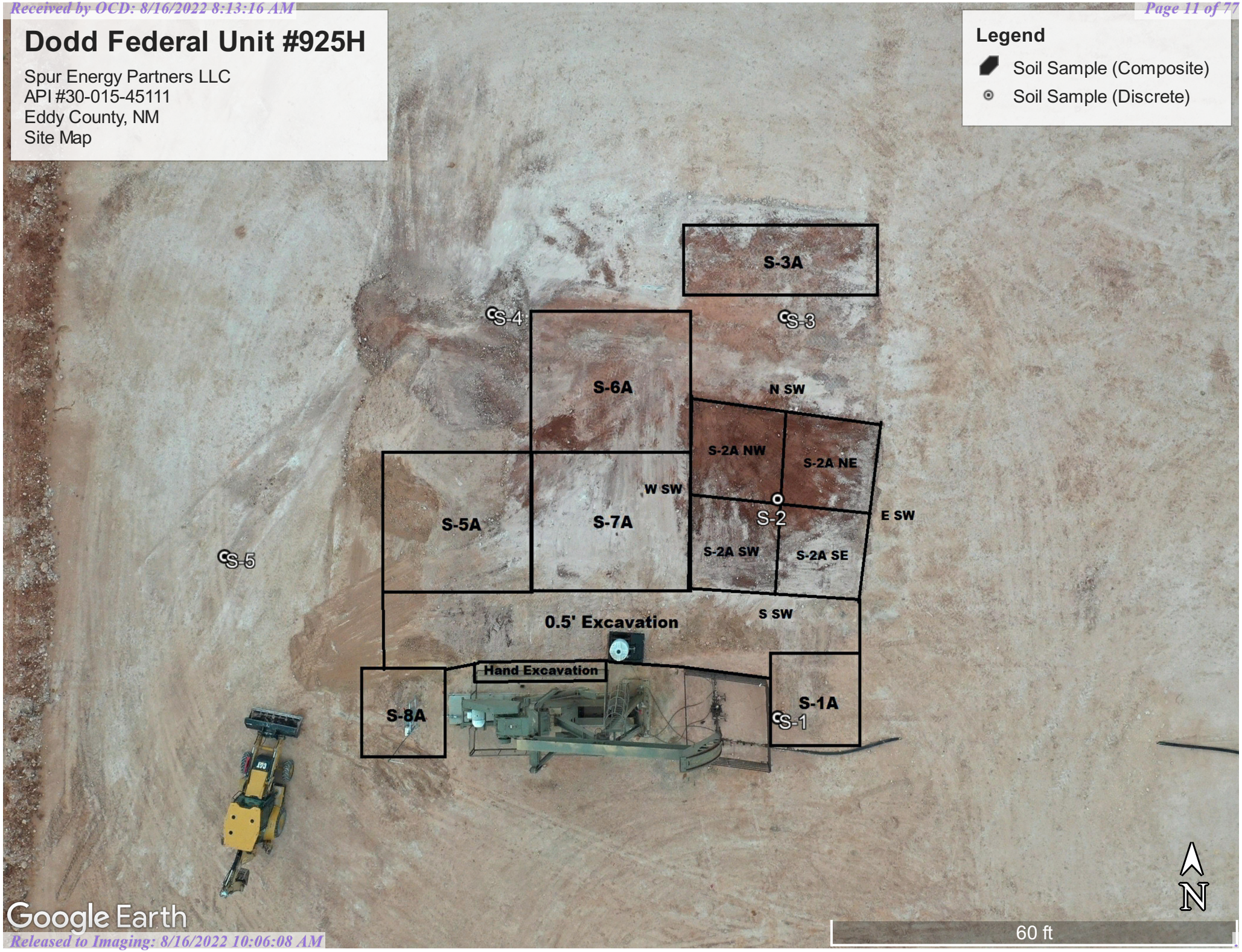
Site Maps

Dodd Federal Unit #925H

Spur Energy Partners LLC
API #30-015-45111
Eddy County, NM
Site Map

Legend

- Soil Sample (Composite)
- Soil Sample (Discrete)



APPENDIX II

SOIL SURVEY,
GROUNDWATER DATA
TOPOGRAPHY MAP
FLOOD MAP
& KARST MAP

Eddy Area, New Mexico

PD—Pajarito-Dune land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w55
Elevation: 3,000 to 5,000 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Dune land: 45 percent
Pajarito and similar soils: 45 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Dune Land

Setting

Landform: Dune fields
Landform position (two-dimensional): Footslope, shoulder, backslope
Landform position (three-dimensional): Talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: sandy loam
H2 - 6 to 60 inches: sandy loam

Interpretive groups

Land capability classification (irrigated): None specified
Ecological site: Loamy Sand (R042XC003NM)
Hydric soil rating: No

Description of Pajarito

Setting

Landform: Dunes, interdunes, plains
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: fine sandy loam
H2 - 9 to 36 inches: fine sandy loam
H3 - 36 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
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 in profile: 15 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: Loamy Sand (R042XC003NM)
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 5 percent
Hydric soil rating: No

Largo

Percent of map unit: 5 percent
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 15, Sep 15, 2019

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	Depth Well	Depth Water	Water Column
RA 11807 POD1		RA	ED	1	2	3	22	17S	29E	587360	3631585	131	76	55

Average Depth to Water: **76 feet**

Minimum Depth: **76 feet**

Maximum Depth: **76 feet**

Record Count: 1

PLSS Search:

Township: 17S **Range:** 29E

3/17/20 11:34 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Spur Energy Dodd Federal Unit #925H

API #30-015-45111
Eddy County
Topo Map

Legend

- Dodd Fed #925
- Spill Area 856 Sq Yards

15

14

3600

3600

3624

3582

3569

3603

Dodd Fed #925

Survey Google Earth

Earth Point

1000 ft

N

National Flood Hazard Layer FIRMette

FEMA

Legend

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

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainag areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	Area with Flood Risk due to Levee Zone D
OTHER AREAS	NO SCREEN Area of Minimal Flood Hazard Zone X
	Effective LOMRs
	Area of Undetermined Flood Hazard Zone
GENERAL STRUCTURES	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
OTHER FEATURES	20.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Transect
	513 Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
MAP PANELS	Digital Data Available
	No Digital Data Available
	Unmapped

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/16/2020 at 5:27:17 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Spur Energy

Dodd Federal Unit #925H
Eddy County
API #30-015-45111

Legend

- 32.8273507, -104.0589689
- Feature 1
- High
- Low
- Medium
- Spill Area 856 Sq Yards

SP3
SP4
SP5
SP2
SP 1

Survey
Google Earth

N

300 ft

APPENDIX III

INTIAL C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	
District RP	
Facility ID	
Application ID	NRM2007953992

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners	OGRID	328947
Contact Name	Kenny Kidd	Contact Telephone	575-616-5400
Contact email	kkidd@spurepllc.com	Incident # *(assigned by OCD)*	
Contact mailing address	920 Memorial City Way Suite 1000 Houston, TX 77024		

Location of Release Source

Latitude 32.8273507 Longitude -104.0589689
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Dodd Federal Unit #925H	Site Type	Production Facility
Date Release Discovered	03/11/2020	API# *(if applicable)*	30-015-45111

Unit Letter	Section	Township	Range	County
O	15	17S	29E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 12 bbls	Volume Recovered (bbls) 10 bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

A gauge on the flow line leaked creating a 12 bbl produced water spill. The area of impact measured approximately 90'x60'. All fluid remained on the pad area. Talon LPE was consulted to remediate the impacted area.

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Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	NRM2007953992

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Rebecca Pons Title: Project Manager

Signature: _____ Date: 03/23/2020

email: rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	NRM2007953992

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

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Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	NRM2007953992

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: Rebecca Pons Title: Project Manager

Signature: _____ Date: 03/23/2020

email: Rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	NRM2007953992

Remediation Plan

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

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

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

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

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

Printed Name: Rebecca Pons Title: Project Manager

Signature: _____ Date: 4/16/20

email: Rpons@ talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: _____ Date: _____

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	NRM2007953992

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.***

[X] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] 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)

[X] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[X] 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: Rebecca Pons Title: Project Manager

Signature: _____ Date: 4/16/20

email: Rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

SPURR Energy Dodd Federal Unit #925H

PHOTO DOCUMENTATION

Location Signage

Spill Source

Spill Area

Source Area-post rain event

Spill Area-post rain event

Aerial View of Site

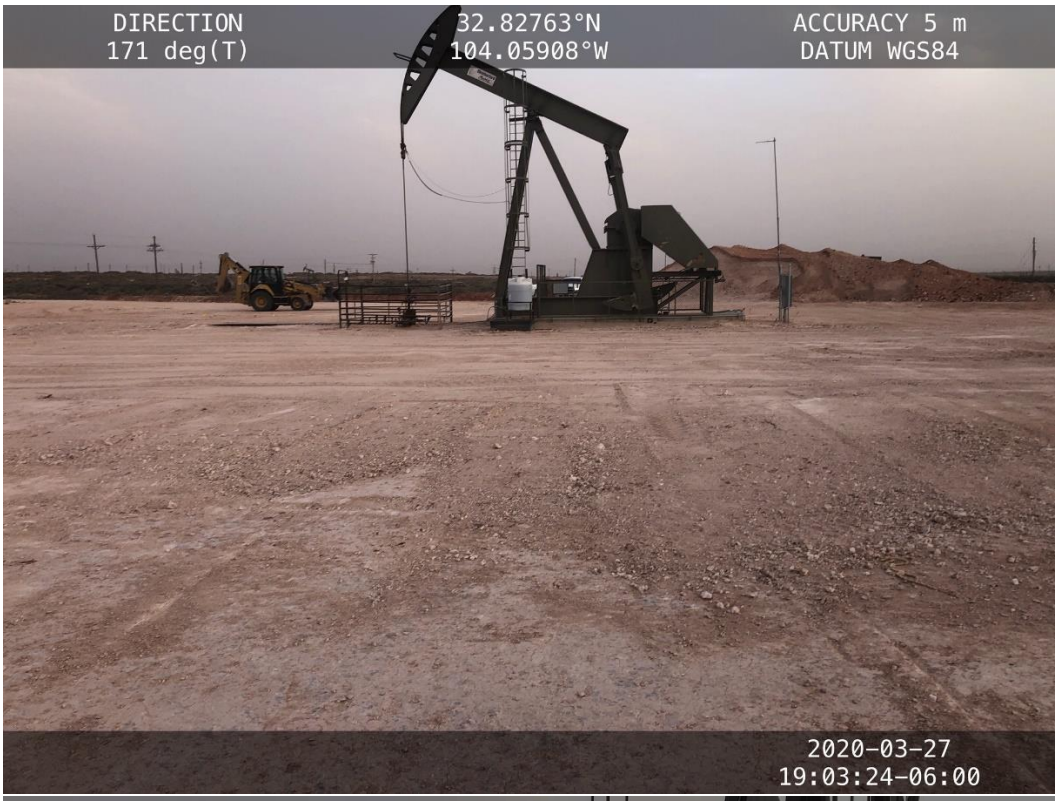
DODD FEDERAL #925 PHOTO DOCUMENTATION

DODD FEDERAL #925 PHOTO DOCUMENTATION

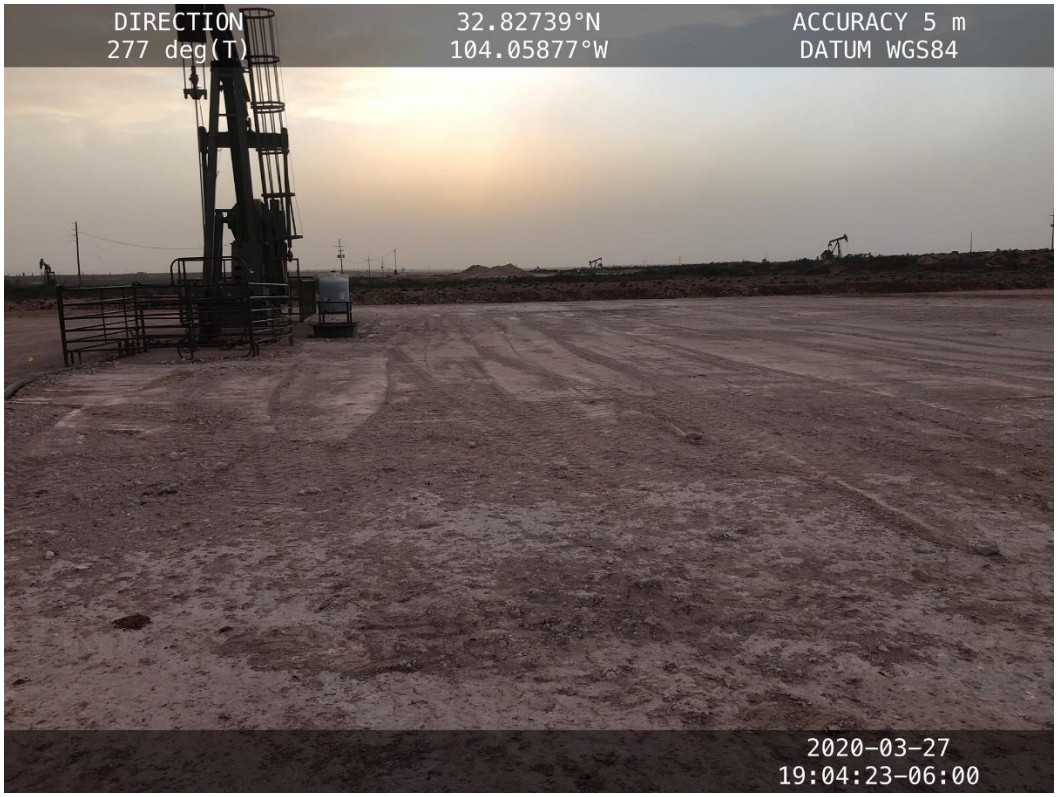
DODD FEDERAL #925 PHOTO DOCUMENTATION

DODD FEDERAL #925 PHOTO DOCUMENTATION

DODD FEDERAL #925 PHOTO DOCUMENTATION



DODD FEDERAL #925 PHOTO DOCUMENTATION



APPENDIX V
Disposal Manifests

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 136002 | 1. PAGE __ OF __ | 2. TRAILER NO. 29

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Spur Energy	920 Memorial City Way			3/26/2020
PHONE NO.	CITY	STATE	ZIP	6. TNRCC I.D. NO.
(832) 930-8502	Houston	Tx	77024	

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. 42100					

12. COMMENTS OR SPECIAL INSTRUCTIONS: DODD FED UNIT # 025 H

13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME: JOE ONTIVEROS — PHONE NO: 575-887-4048 — 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME: CJ MAIN — SIGNATURE — DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Jose ... Garcia	PRINTED/TYPED NAME
SIGNATURE — DATE 3/26/2020	SIGNATURE — DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
		3/26/2020	400

GENERATOR: COPIES 1 & 6 — DISPOSAL SITE: COPIES 2 & 3 — TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST	NO 136035	1. PAGE ___ OF ___	2. TRAILER NO. 24

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
PHONE NO.	CITY / STATE / ZIP: Houston, TX 77021	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non-Hazardous Waste	1	CM			
b.					
c.					
d. 47,180 45080 3480					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO.	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4058	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Jose M Garcia	PRINTED/TYPED NAME
SIGNATURE DATE 3/27/2020	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
		3/27/2020	610

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

APPENDIX VI

Laboratory Data

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

March 24, 2020

Rebecca Pons

Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Dodd Fed Unit 925 OrderNo.: 2003747

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 11 sample(s) on 3/17/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S1 @ 0-1'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 1:50:00 PM
Lab ID: 2003747-001 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	9600	600		mg/Kg	200	3/20/2020 1:03:02 PM	51230
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	74	24		mg/Kg	5	3/20/2020 1:21:02 PM	51154
Surr: BFB	103	70-130		%Rec	5	3/20/2020 1:21:02 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	790	9.9		mg/Kg	1	3/20/2020 8:57:00 AM	51176
Motor Oil Range Organics (MRO)	300	49		mg/Kg	1	3/20/2020 8:57:00 AM	51176
Surr: DNOP	94.7	55.1-146		%Rec	1	3/20/2020 8:57:00 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.12		mg/Kg	5	3/20/2020 1:21:02 PM	51154
Toluene	0.32	0.24		mg/Kg	5	3/20/2020 1:21:02 PM	51154
Ethylbenzene	1.2	0.24		mg/Kg	5	3/20/2020 1:21:02 PM	51154
Xylenes, Total	2.6	0.47		mg/Kg	5	3/20/2020 1:21:02 PM	51154
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	5	3/20/2020 1:21:02 PM	51154
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	5	3/20/2020 1:21:02 PM	51154
Surr: Dibromofluoromethane	99.3	70-130		%Rec	5	3/20/2020 1:21:02 PM	51154
Surr: Toluene-d8	99.3	70-130		%Rec	5	3/20/2020 1:21:02 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S1 @ 2-3'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 1:55:00 PM
Lab ID: 2003747-002 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	380	59		mg/Kg	20	3/19/2020 10:48:01 PM	51230
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/20/2020 3:15:15 PM	51154
Surr: BFB	98.7	70-130		%Rec	1	3/20/2020 3:15:15 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	9.8	9.5		mg/Kg	1	3/19/2020 10:57:03 PM	51176
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/19/2020 10:57:03 PM	51176
Surr: DNOP	90.4	55.1-146		%Rec	1	3/19/2020 10:57:03 PM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.023		mg/Kg	1	3/20/2020 3:15:15 PM	51154
Toluene	ND	0.047		mg/Kg	1	3/20/2020 3:15:15 PM	51154
Ethylbenzene	ND	0.047		mg/Kg	1	3/20/2020 3:15:15 PM	51154
Xylenes, Total	ND	0.094		mg/Kg	1	3/20/2020 3:15:15 PM	51154
Surr: 1,2-Dichloroethane-d4	90.6	70-130		%Rec	1	3/20/2020 3:15:15 PM	51154
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	3/20/2020 3:15:15 PM	51154
Surr: Dibromofluoromethane	96.2	70-130		%Rec	1	3/20/2020 3:15:15 PM	51154
Surr: Toluene-d8	100	70-130		%Rec	1	3/20/2020 3:15:15 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S1 @ 4'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:00:00 PM
Lab ID: 2003747-003 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	200	60		mg/Kg	20	3/19/2020 11:25:00 PM	51230
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/20/2020 3:43:44 PM	51154
Surr: BFB	97.4	70-130		%Rec	1	3/20/2020 3:43:44 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/19/2020 11:20:26 PM	51176
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/19/2020 11:20:26 PM	51176
Surr: DNOP	88.9	55.1-146		%Rec	1	3/19/2020 11:20:26 PM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.024		mg/Kg	1	3/20/2020 3:43:44 PM	51154
Toluene	ND	0.048		mg/Kg	1	3/20/2020 3:43:44 PM	51154
Ethylbenzene	ND	0.048		mg/Kg	1	3/20/2020 3:43:44 PM	51154
Xylenes, Total	ND	0.095		mg/Kg	1	3/20/2020 3:43:44 PM	51154
Surr: 1,2-Dichloroethane-d4	84.8	70-130		%Rec	1	3/20/2020 3:43:44 PM	51154
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	3/20/2020 3:43:44 PM	51154
Surr: Dibromofluoromethane	97.0	70-130		%Rec	1	3/20/2020 3:43:44 PM	51154
Surr: Toluene-d8	99.4	70-130		%Rec	1	3/20/2020 3:43:44 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S2 @ 0-1'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:05:00 PM
Lab ID: 2003747-004 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1600	60		mg/Kg	20	3/19/2020 11:37:21 PM	51230
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	2900	93		mg/Kg	20	3/20/2020 1:49:41 PM	51154
Surr: BFB	102	70-130		%Rec	20	3/20/2020 1:49:41 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	10000	190		mg/Kg	20	3/19/2020 11:43:48 PM	51176
Motor Oil Range Organics (MRO)	3500	950		mg/Kg	20	3/19/2020 11:43:48 PM	51176
Surr: DNOP	0	55.1-146	S	%Rec	20	3/19/2020 11:43:48 PM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	8.1	0.47		mg/Kg	20	3/20/2020 1:49:41 PM	51154
Toluene	91	0.93		mg/Kg	20	3/20/2020 1:49:41 PM	51154
Ethylbenzene	74	0.93		mg/Kg	20	3/20/2020 1:49:41 PM	51154
Xylenes, Total	120	1.9		mg/Kg	20	3/20/2020 1:49:41 PM	51154
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	20	3/20/2020 1:49:41 PM	51154
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	20	3/20/2020 1:49:41 PM	51154
Surr: Dibromofluoromethane	99.5	70-130		%Rec	20	3/20/2020 1:49:41 PM	51154
Surr: Toluene-d8	98.2	70-130		%Rec	20	3/20/2020 1:49:41 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S2 @ 2-3'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:10:00 PM
Lab ID: 2003747-005 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	3/19/2020 11:49:41 PM	51230
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/20/2020 4:12:15 PM	51154
Surr: BFB	100	70-130		%Rec	1	3/20/2020 4:12:15 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/20/2020 12:07:16 AM	51176
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/20/2020 12:07:16 AM	51176
Surr: DNOP	89.4	55.1-146		%Rec	1	3/20/2020 12:07:16 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.024		mg/Kg	1	3/20/2020 4:12:15 PM	51154
Toluene	ND	0.048		mg/Kg	1	3/20/2020 4:12:15 PM	51154
Ethylbenzene	ND	0.048		mg/Kg	1	3/20/2020 4:12:15 PM	51154
Xylenes, Total	ND	0.096		mg/Kg	1	3/20/2020 4:12:15 PM	51154
Surr: 1,2-Dichloroethane-d4	92.5	70-130		%Rec	1	3/20/2020 4:12:15 PM	51154
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	3/20/2020 4:12:15 PM	51154
Surr: Dibromofluoromethane	94.0	70-130		%Rec	1	3/20/2020 4:12:15 PM	51154
Surr: Toluene-d8	101	70-130		%Rec	1	3/20/2020 4:12:15 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S3 @ 0-1'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:15:00 PM
Lab ID: 2003747-006 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	120	60		mg/Kg	20	3/20/2020 12:02:02 AM	51230
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	48	24		mg/Kg	5	3/20/2020 2:18:07 PM	51154
Surr: BFB	104	70-130		%Rec	5	3/20/2020 2:18:07 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	380	9.4		mg/Kg	1	3/20/2020 9:40:27 AM	51176
Motor Oil Range Organics (MRO)	150	47		mg/Kg	1	3/20/2020 9:40:27 AM	51176
Surr: DNOP	86.3	55.1-146		%Rec	1	3/20/2020 9:40:27 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.12		mg/Kg	5	3/20/2020 2:18:07 PM	51154
Toluene	ND	0.24		mg/Kg	5	3/20/2020 2:18:07 PM	51154
Ethylbenzene	0.40	0.24		mg/Kg	5	3/20/2020 2:18:07 PM	51154
Xylenes, Total	1.0	0.47		mg/Kg	5	3/20/2020 2:18:07 PM	51154
Surr: 1,2-Dichloroethane-d4	92.9	70-130		%Rec	5	3/20/2020 2:18:07 PM	51154
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	5	3/20/2020 2:18:07 PM	51154
Surr: Dibromofluoromethane	97.1	70-130		%Rec	5	3/20/2020 2:18:07 PM	51154
Surr: Toluene-d8	102	70-130		%Rec	5	3/20/2020 2:18:07 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S3 @ 2-3'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:20:00 PM
Lab ID: 2003747-007 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	70	60		mg/Kg	20	3/20/2020 12:14:22 AM	51230
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/20/2020 4:40:48 PM	51154
Surr: BFB	102	70-130		%Rec	1	3/20/2020 4:40:48 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	61	9.9		mg/Kg	1	3/20/2020 12:54:03 AM	51176
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/20/2020 12:54:03 AM	51176
Surr: DNOP	88.8	55.1-146		%Rec	1	3/20/2020 12:54:03 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.023		mg/Kg	1	3/20/2020 4:40:48 PM	51154
Toluene	ND	0.047		mg/Kg	1	3/20/2020 4:40:48 PM	51154
Ethylbenzene	ND	0.047		mg/Kg	1	3/20/2020 4:40:48 PM	51154
Xylenes, Total	ND	0.094		mg/Kg	1	3/20/2020 4:40:48 PM	51154
Surr: 1,2-Dichloroethane-d4	92.0	70-130		%Rec	1	3/20/2020 4:40:48 PM	51154
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	3/20/2020 4:40:48 PM	51154
Surr: Dibromofluoromethane	96.5	70-130		%Rec	1	3/20/2020 4:40:48 PM	51154
Surr: Toluene-d8	104	70-130		%Rec	1	3/20/2020 4:40:48 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S4 @ 0-1'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:25:00 PM
Lab ID: 2003747-008 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	180	60		mg/Kg	20	3/20/2020 1:03:45 AM	51232
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/20/2020 2:46:36 PM	51154
Surr: BFB	99.9	70-130		%Rec	1	3/20/2020 2:46:36 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/20/2020 1:17:28 AM	51176
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/20/2020 1:17:28 AM	51176
Surr: DNOP	88.8	55.1-146		%Rec	1	3/20/2020 1:17:28 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.024		mg/Kg	1	3/20/2020 2:46:36 PM	51154
Toluene	ND	0.048		mg/Kg	1	3/20/2020 2:46:36 PM	51154
Ethylbenzene	ND	0.048		mg/Kg	1	3/20/2020 2:46:36 PM	51154
Xylenes, Total	ND	0.095		mg/Kg	1	3/20/2020 2:46:36 PM	51154
Surr: 1,2-Dichloroethane-d4	90.9	70-130		%Rec	1	3/20/2020 2:46:36 PM	51154
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	3/20/2020 2:46:36 PM	51154
Surr: Dibromofluoromethane	98.8	70-130		%Rec	1	3/20/2020 2:46:36 PM	51154
Surr: Toluene-d8	104	70-130		%Rec	1	3/20/2020 2:46:36 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S4 @ 2-3'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:30:00 PM
Lab ID: 2003747-009 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	150	60		mg/Kg	20	3/20/2020 1:16:05 AM	51232
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/20/2020 5:09:11 PM	51154
Surr: BFB	96.2	70-130		%Rec	1	3/20/2020 5:09:11 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/20/2020 1:40:54 AM	51176
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/20/2020 1:40:54 AM	51176
Surr: DNOP	89.2	55.1-146		%Rec	1	3/20/2020 1:40:54 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.023		mg/Kg	1	3/20/2020 5:09:11 PM	51154
Toluene	ND	0.046		mg/Kg	1	3/20/2020 5:09:11 PM	51154
Ethylbenzene	ND	0.046		mg/Kg	1	3/20/2020 5:09:11 PM	51154
Xylenes, Total	ND	0.092		mg/Kg	1	3/20/2020 5:09:11 PM	51154
Surr: 1,2-Dichloroethane-d4	86.7	70-130		%Rec	1	3/20/2020 5:09:11 PM	51154
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	3/20/2020 5:09:11 PM	51154
Surr: Dibromofluoromethane	92.4	70-130		%Rec	1	3/20/2020 5:09:11 PM	51154
Surr: Toluene-d8	97.4	70-130		%Rec	1	3/20/2020 5:09:11 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S5 @ 0-1'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:40:00 PM
Lab ID: 2003747-010 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	540	60		mg/Kg	20	3/20/2020 1:53:07 AM	51232
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/20/2020 5:37:45 PM	51154
Surr: BFB	100	70-130		%Rec	1	3/20/2020 5:37:45 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/20/2020 2:04:18 AM	51176
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/20/2020 2:04:18 AM	51176
Surr: DNOP	86.1	55.1-146		%Rec	1	3/20/2020 2:04:18 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.023		mg/Kg	1	3/20/2020 5:37:45 PM	51154
Toluene	ND	0.046		mg/Kg	1	3/20/2020 5:37:45 PM	51154
Ethylbenzene	ND	0.046		mg/Kg	1	3/20/2020 5:37:45 PM	51154
Xylenes, Total	ND	0.092		mg/Kg	1	3/20/2020 5:37:45 PM	51154
Surr: 1,2-Dichloroethane-d4	87.8	70-130		%Rec	1	3/20/2020 5:37:45 PM	51154
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	3/20/2020 5:37:45 PM	51154
Surr: Dibromofluoromethane	91.0	70-130		%Rec	1	3/20/2020 5:37:45 PM	51154
Surr: Toluene-d8	101	70-130		%Rec	1	3/20/2020 5:37:45 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003747**
Date Reported: **3/24/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S5 @ 2-3'
Project: Dodd Fed Unit 925
Collection Date: 3/16/2020 2:45:00 PM
Lab ID: 2003747-011 **Matrix:** SOIL **Received Date:** 3/17/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	3/20/2020 2:05:27 AM	51232
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/20/2020 6:06:14 PM	51154
Surr: BFB	99.8	70-130		%Rec	1	3/20/2020 6:06:14 PM	51154
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/20/2020 2:27:45 AM	51176
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/20/2020 2:27:45 AM	51176
Surr: DNOP	91.6	55.1-146		%Rec	1	3/20/2020 2:27:45 AM	51176
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.023		mg/Kg	1	3/20/2020 6:06:14 PM	51154
Toluene	ND	0.046		mg/Kg	1	3/20/2020 6:06:14 PM	51154
Ethylbenzene	ND	0.046		mg/Kg	1	3/20/2020 6:06:14 PM	51154
Xylenes, Total	ND	0.092		mg/Kg	1	3/20/2020 6:06:14 PM	51154
Surr: 1,2-Dichloroethane-d4	91.7	70-130		%Rec	1	3/20/2020 6:06:14 PM	51154
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	3/20/2020 6:06:14 PM	51154
Surr: Dibromofluoromethane	95.0	70-130		%Rec	1	3/20/2020 6:06:14 PM	51154
Surr: Toluene-d8	99.8	70-130		%Rec	1	3/20/2020 6:06:14 PM	51154

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2003747**
24-Mar-20

Client: Talon Artesia
Project: Dodd Fed Unit 925

Sample ID: **MB-51230**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **51230**	RunNo: **67421**							
Prep Date: **3/19/2020**	Analysis Date: **3/19/2020**	SeqNo: **2326772**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-51230**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **51230**	RunNo: **67421**							
Prep Date: **3/19/2020**	Analysis Date: **3/19/2020**	SeqNo: **2326773**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.1	90	110			

Sample ID: **MB-51232**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **51232**	RunNo: **67421**							
Prep Date: **3/19/2020**	Analysis Date: **3/20/2020**	SeqNo: **2326807**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-51232**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **51232**	RunNo: **67421**							
Prep Date: **3/19/2020**	Analysis Date: **3/20/2020**	SeqNo: **2326808**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2003747**

24-Mar-20

Client: Talon Artesia

Project: Dodd Fed Unit 925

Sample ID: **MB-51176**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **51176**	RunNo: **67410**
Prep Date: **3/18/2020**	Analysis Date: **3/19/2020**	SeqNo: **2326560** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.8		10.00		88.5	55.1	146			

Sample ID: **LCS-51176**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **51176**	RunNo: **67410**
Prep Date: **3/18/2020**	Analysis Date: **3/19/2020**	SeqNo: **2326561** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.5	70	130			
Surr: DNOP	4.3		5.000		85.3	55.1	146			

Sample ID: **2003747-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S1 @ 0-1'**	Batch ID: **51176**	RunNo: **67410**
Prep Date: **3/18/2020**	Analysis Date: **3/20/2020**	SeqNo: **2329242** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	680	9.9	49.70	785.7	-212	47.4	136			S
Surr: DNOP	5.2		4.970		106	55.1	146			

Sample ID: **2003747-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S1 @ 0-1'**	Batch ID: **51176**	RunNo: **67410**
Prep Date: **3/18/2020**	Analysis Date: **3/20/2020**	SeqNo: **2329243** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	380	9.8	48.88	785.7	-825	47.4	136	56.0	43.4	RS
Surr: DNOP	4.9		4.888		100	55.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2003747**
24-Mar-20

Client: Talon Artesia
Project: Dodd Fed Unit 925

Sample ID: **lcs-51154**	SampType: **LCS4**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC**	Batch ID: **51154**	RunNo: **67458**
Prep Date: **3/17/2020**	Analysis Date: **3/20/2020**	SeqNo: **2327300** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.1	80	120			
Toluene	1.1	0.050	1.000	0	105	80	120			
Ethylbenzene	1.1	0.050	1.000	0	110	80	120			
Xylenes, Total	3.2	0.10	3.000	0	108	80	120			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.3	70	130			
Surr: Toluene-d8	0.50		0.5000		101	70	130			

Sample ID: **mb-51154**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS**	Batch ID: **51154**	RunNo: **67458**
Prep Date: **3/17/2020**	Analysis Date: **3/20/2020**	SeqNo: **2327301** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.7	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.4	70	130			
Surr: Dibromofluoromethane	0.48		0.5000		96.0	70	130			
Surr: Toluene-d8	0.50		0.5000		99.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2003747**

24-Mar-20

Client: Talon Artesia

Project: Dodd Fed Unit 925

Sample ID: **lcs-51154**	SampType: **LCS**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS**	Batch ID: **51154**	RunNo: **67458**
Prep Date: **3/17/2020**	Analysis Date: **3/20/2020**	SeqNo: **2327313** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.6	70	130			
Surr: BFB	490		500.0		97.8	70	130			

Sample ID: **mb-51154**	SampType: **MBLK**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS**	Batch ID: **51154**	RunNo: **67458**
Prep Date: **3/17/2020**	Analysis Date: **3/20/2020**	SeqNo: **2327314** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	470		500.0		94.2	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: TALON ARTESIA Work Order Number: 2003747 RcptNo: 1

Received By: Desiree Dominguez 3/17/2020 8:20:00 AM

Completed By: Anne Thorne 3/17/2020 10:08:44 AM

Reviewed By: 3/17/20

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: ENM 3/17/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Rebecca Ponds Date: 3/17/20

By Whom: LB Via: ☒ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: Sample collection times discrepancy

Client Instructions: Go with times listed on COC

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good	Yes			
2	4.5	Good	Yes			
3	1.0	Good	Yes			
4	1.8	Good	Yes			

Chain-of-Custody Record

Client: Talon LPE

408 W Texas St

Mailing Address: Artesia, NM 88210

Phone #: 575-444-0980

email or Fax#: (575) 746-8905

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ~~☑~~ 72 hour Turn
☑ Standard ☐ Rush

Project Name: Deadel Fed Unit 925

Project #: 202604.006.01

Project Manager: Rebecca Pons

Sampler: B. Sinclair

On Ice: ☒ Yes ☐ No

# of Coolers: 4

Cooler Temp (including CF): See Remarks

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix (03/17/20 AA)	Sample Name	Container Type and #	Preservative Type	HEAL No. 2003747
3/16	1:50	Soil	S1 @ 0-1'	4oz	ICE	001
✓	1:55		S1 @ 2-3'			002
✓	2:00		S1 @ 4'			003
✓	2:05		S2 @ 0-1'			004
✓	2:10		S2 @ 2-3'			005
✓	2:15		S3 @ 0-1'			006
✓	2:20		S3 @ 2-3'			007
✓	2:25		S4 @ 0-1'			008
✓	2:30		S4 @ 2-3'			009
✓	2:40		S5 @ 0-1'			010
✓	2:45	✓	S5 @ 2-3'			011

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓					✓			

Date	Time	Relinquished by	Received by	Via	Date	Time
3/16	4:20	Rebecca Pons				
3/16/20	1900			courier	3/17/20	8:20

Remarks: Please cc the following via email:
Dadkins@talonlpe.com
Rpons@talonlpe.com

1.4+0.2=1.6 1.6+0.2=1.8
4.3+0.2=4.5
0.8+0.2=1.0

* data needed early Friday pm

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 03, 2020

Rebecca Pons

Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Dodd Federal 925H OrderNo.: 2003C58

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 15 sample(s) on 3/28/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S2A-SW B Comp 2'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 2:49:00 PM
Lab ID: 2003C58-001 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	350	60		mg/Kg	20	3/31/2020 3:15:06 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/31/2020 2:54:29 PM	51400
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/31/2020 2:54:29 PM	51400
Surr: DNOP	71.5	55.1-146		%Rec	1	3/31/2020 2:54:29 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2020 1:35:41 PM	51392
Surr: BFB	100	66.6-105		%Rec	1	3/31/2020 1:35:41 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S2A-SE B Comp 2'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 2:57:00 PM
Lab ID: 2003C58-002 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	72	60		mg/Kg	20	3/31/2020 4:16:50 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	3/31/2020 3:16:42 PM	51400
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	3/31/2020 3:16:42 PM	51400
Surr: DNOP	61.4	55.1-146		%Rec	1	3/31/2020 3:16:42 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/31/2020 2:46:45 PM	51392
Surr: BFB	96.1	66.6-105		%Rec	1	3/31/2020 2:46:45 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S2A-NW B Comp 2'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 2:53:00 PM
Lab ID: 2003C58-003 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	290	60		mg/Kg	20	3/31/2020 4:29:11 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/31/2020 3:38:51 PM	51400
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/31/2020 3:38:51 PM	51400
Surr: DNOP	70.2	55.1-146		%Rec	1	3/31/2020 3:38:51 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/31/2020 3:10:31 PM	51392
Surr: BFB	95.1	66.6-105		%Rec	1	3/31/2020 3:10:31 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S1A Comp @ 1'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 2:41:00 PM
Lab ID: 2003C58-004 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	3700	150		mg/Kg	50	4/1/2020 12:33:42 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	300	9.4		mg/Kg	1	4/1/2020 11:05:25 AM	51400
Motor Oil Range Organics (MRO)	150	47		mg/Kg	1	4/1/2020 11:05:25 AM	51400
Surr: DNOP	105	55.1-146		%Rec	1	4/1/2020 11:05:25 AM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2020 3:34:20 PM	51392
Surr: BFB	94.4	66.6-105		%Rec	1	3/31/2020 3:34:20 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: WSW Comp @ 2'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 3:00:00 PM
Lab ID: 2003C58-005 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1100	60		mg/Kg	20	3/31/2020 4:53:52 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	120	9.7		mg/Kg	1	4/1/2020 11:29:51 AM	51400
Motor Oil Range Organics (MRO)	66	49		mg/Kg	1	4/1/2020 11:29:51 AM	51400
Surr: DNOP	109	55.1-146		%Rec	1	4/1/2020 11:29:51 AM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2020 3:58:02 PM	51392
Surr: BFB	102	66.6-105		%Rec	1	3/31/2020 3:58:02 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: ESW Comp @ 2'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 2:58:00 PM
Lab ID: 2003C58-006 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	320	60		mg/Kg	20	3/31/2020 5:06:13 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/31/2020 4:45:25 PM	51400
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/31/2020 4:45:25 PM	51400
Surr: DNOP	61.2	55.1-146		%Rec	1	3/31/2020 4:45:25 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2020 4:21:44 PM	51392
Surr: BFB	97.2	66.6-105		%Rec	1	3/31/2020 4:21:44 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S2A NE B Comp 2'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 2:54:00 PM
Lab ID: 2003C58-008 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	3/31/2020 5:18:34 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	3/31/2020 5:07:34 PM	51400
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	3/31/2020 5:07:34 PM	51400
Surr: DNOP	58.8	55.1-146		%Rec	1	3/31/2020 5:07:34 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2020 4:45:22 PM	51392
Surr: BFB	97.3	66.6-105		%Rec	1	3/31/2020 4:45:22 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: SSW @ 2' Comp
Project: Dodd Federal 925H
Collection Date: 3/27/2020 3:00:00 PM
Lab ID: 2003C58-009 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	320	60		mg/Kg	20	3/31/2020 5:30:55 PM	51440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/31/2020 5:29:51 PM	51400
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/31/2020 5:29:51 PM	51400
Surr: DNOP	59.4	55.1-146		%Rec	1	3/31/2020 5:29:51 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/31/2020 5:09:03 PM	51392
Surr: BFB	96.0	66.6-105		%Rec	1	3/31/2020 5:09:03 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: NSW @ 2' Comp
Project: Dodd Federal 925H
Collection Date: 3/27/2020 2:59:00 PM
Lab ID: 2003C58-010 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	72	61		mg/Kg	20	3/31/2020 6:44:58 PM	51450
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/31/2020 5:51:57 PM	51400
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/31/2020 5:51:57 PM	51400
Surr: DNOP	57.2	55.1-146		%Rec	1	3/31/2020 5:51:57 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2020 5:32:46 PM	51392
Surr: BFB	99.4	66.6-105		%Rec	1	3/31/2020 5:32:46 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S8A Comp @ 1'
Project: Dodd Federal 925H
Collection Date: 3/27/2020 3:29:00 PM
Lab ID: 2003C58-011 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	5200	300		mg/Kg	100	4/1/2020 12:46:03 PM	51450
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	820	90		mg/Kg	10	3/31/2020 6:14:12 PM	51400
Motor Oil Range Organics (MRO)	560	450		mg/Kg	10	3/31/2020 6:14:12 PM	51400
Surr: DNOP	0	55.1-146	S	%Rec	10	3/31/2020 6:14:12 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	3/31/2020 6:43:03 PM	51392
Surr: BFB	99.7	66.6-105	D	%Rec	5	3/31/2020 6:43:03 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S7A B Comp .5"
Project: Dodd Federal 925H
Collection Date: 3/27/2020 3:40:00 PM
Lab ID: 2003C58-012 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1000	60		mg/Kg	20	3/31/2020 7:09:40 PM	51450
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	200	7.7		mg/Kg	1	4/1/2020 11:54:20 AM	51400
Motor Oil Range Organics (MRO)	92	39		mg/Kg	1	4/1/2020 11:54:20 AM	51400
Surr: DNOP	88.5	55.1-146		%Rec	1	4/1/2020 11:54:20 AM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	3/31/2020 7:06:33 PM	51392
Surr: BFB	103	66.6-105	D	%Rec	5	3/31/2020 7:06:33 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S3A Comp 1Ft
Project: Dodd Federal 925H
Collection Date: 3/27/2020 3:01:00 PM
Lab ID: 2003C58-013 **Matrix:** SOIL **Received Date:** 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	270	60		mg/Kg	20	3/31/2020 7:22:00 PM	51450
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	64	8.1		mg/Kg	1	4/1/2020 10:17:08 AM	51400
Motor Oil Range Organics (MRO)	48	40		mg/Kg	1	4/1/2020 10:17:08 AM	51400
Surr: DNOP	89.1	55.1-146		%Rec	1	4/1/2020 10:17:08 AM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/31/2020 7:30:08 PM	51392
Surr: BFB	96.5	66.6-105		%Rec	1	3/31/2020 7:30:08 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S6A Comp 6"
Project: Dodd Federal 925H
Collection Date: 3/27/2020 3:15:00 PM
Lab ID: 2003C58-014 **Matrix:** SOIL
Received Date: 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	820	60		mg/Kg	20	3/31/2020 7:34:21 PM	51450
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	280	8.8		mg/Kg	1	4/1/2020 12:18:43 PM	51400
Motor Oil Range Organics (MRO)	150	44		mg/Kg	1	4/1/2020 12:18:43 PM	51400
Surr: DNOP	87.5	55.1-146		%Rec	1	4/1/2020 12:18:43 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2020 7:53:46 PM	51392
Surr: BFB	105	66.6-105	S	%Rec	1	3/31/2020 7:53:46 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2003C58**
Date Reported: **4/3/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S5A Bottom Comp
Project: Dodd Federal 925H
Collection Date: 3/27/2020 3:15:00 PM
Lab ID: 2003C58-015 **Matrix:** SOIL
Received Date: 3/28/2020 8:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1700	60		mg/Kg	20	3/31/2020 7:46:41 PM	51450
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	620	49		mg/Kg	5	4/1/2020 5:59:59 PM	51400
Motor Oil Range Organics (MRO)	470	240		mg/Kg	5	4/1/2020 5:59:59 PM	51400
Surr: DNOP	84.9	55.1-146		%Rec	5	4/1/2020 5:59:59 PM	51400
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	3/31/2020 8:17:27 PM	51392
Surr: BFB	98.7	66.6-105	D	%Rec	5	3/31/2020 8:17:27 PM	51392

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2003C58**

03-Apr-20

Client: Talon Artesia

Project: Dodd Federal 925H

Sample ID: **LCS-51440**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **51440**	RunNo: **67727**
Prep Date: **3/31/2020**	Analysis Date: **3/31/2020**	SeqNo: **2339178** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Sample ID: **MB-51450**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **51450**	RunNo: **67727**
Prep Date: **3/31/2020**	Analysis Date: **3/31/2020**	SeqNo: **2339212** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-51450**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **51450**	RunNo: **67727**
Prep Date: **3/31/2020**	Analysis Date: **3/31/2020**	SeqNo: **2339213** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.9	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2003C58**
03-Apr-20

Client: Talon Artesia
Project: Dodd Federal 925H

Sample ID: **LCS-51400**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **51400**	RunNo: **67719**
Prep Date: **3/30/2020**	Analysis Date: **3/31/2020**	SeqNo: **2338241** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.3	70	130			
Surr: DNOP	3.1		5.000		61.9	55.1	146			

Sample ID: **MB-51400**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **51400**	RunNo: **67719**
Prep Date: **3/30/2020**	Analysis Date: **3/31/2020**	SeqNo: **2338242** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.4		10.00		73.8	55.1	146			

Sample ID: **LCS-51433**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **51433**	RunNo: **67718**
Prep Date: **3/31/2020**	Analysis Date: **4/2/2020**	SeqNo: **2340681** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		91.9	55.1	146			

Sample ID: **MB-51433**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **51433**	RunNo: **67718**
Prep Date: **3/31/2020**	Analysis Date: **4/1/2020**	SeqNo: **2340683** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.9		10.00		98.6	55.1	146			

Sample ID: **LCS-51460**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **51460**	RunNo: **67718**
Prep Date: **3/31/2020**	Analysis Date: **4/2/2020**	SeqNo: **2341419** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		100	55.1	146			

Sample ID: **MB-51460**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **51460**	RunNo: **67718**
Prep Date: **3/31/2020**	Analysis Date: **4/2/2020**	SeqNo: **2341420** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		113	55.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2003C58**
03-Apr-20

Client: Talon Artesia
Project: Dodd Federal 925H

Sample ID: **mb-51392** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS** Batch ID: **51392** RunNo: **67711**
Prep Date: **3/29/2020** Analysis Date: **3/31/2020** SeqNo: **2337624** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.5	66.6	105			

Sample ID: **lcs-51392** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS** Batch ID: **51392** RunNo: **67711**
Prep Date: **3/29/2020** Analysis Date: **3/31/2020** SeqNo: **2337625** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.6	80	120			
Surr: BFB	1100		1000		106	66.6	105			S

Sample ID: **2003c58-001ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **S2A-SW B Comp 2'** Batch ID: **51392** RunNo: **67722**
Prep Date: **3/29/2020** Analysis Date: **3/31/2020** SeqNo: **2338677** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.37	0	90.3	69.1	142			
Surr: BFB	1100		974.7		111	66.6	105			S

Sample ID: **2003c58-001amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **S2A-SW B Comp 2'** Batch ID: **51392** RunNo: **67722**
Prep Date: **3/29/2020** Analysis Date: **3/31/2020** SeqNo: **2338678** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.49	0	86.4	69.1	142	3.86	20	
Surr: BFB	1000		979.4		105	66.6	105	0	0	S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: TALON ARTESIA Work Order Number: 2003C58 RcptNo: 1

Received By: **Erin Melendrez** 3/28/2020 8:15:00 AM

Completed By: **Erin Melendrez** 3/28/2020 10:06:06 AM

Reviewed By: ENM 3/28/20

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JP 03/28/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good				

Chain-of-Custody Record

Client: Talon LPE

408 W Texas St

Mailing Address: Artesia, NM 88210

Phone #: 575-441-0980

email or Fax#: (575) 746-8905

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 5day Turn
☑ Standard ☐ Rush

Project Name: Odell Federal #925H

Project #:

Project Manager: Rebecca Pons

Sampler: B. Smelser

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 1.6 -0.2(CF) = 1.4°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2003C58	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
3/27	2:49		S2A-SWB-Comp2'	3oz	Ice	-001		✓					✓			
✓	2:57		S2A-SEB Comp2'			-002										
✓	2:53		S2A-NWB Comp2'	✓	✓	-003										
✓	2:41		S1A Comp@1'	✓	✓	-004										
✓	3:00		WSW Comp@2'	✓	✓	-005										
✓	2:58		ESW Comp@2'	✓	✓	-006										
✓	2:54		S2A SW Comp2'	✓	✓	-007										
✓	2:54		S2A NEB Comp2'	✓	✓	-008										
✓	3:00		SSW@2' Comp	✓	✓	-009										
✓	2:59		NSW@2' Comp	✓	✓	-010										
✓	3:29		S8A Comp@1'	✓	✓	-011										
✓	3:40		S7A B-Comp.5'	✓	✓	-012										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3/27	5:00	Rebecca Pons	Chad Gray		3/27	1700
3/27	1900	Chad Gray		Courier	3/28/20	0815

Remarks: Please cc the following via email:
Dadkins@talonlpe.com
Rpons@talonlpe.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Talon LPE

408 W Texas St

Mailing Address: Artesia, NM 88210

Phone #:

email or Fax#: (575) 746-8905

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 3 day Turn
☑ Standard ☐ Rush

Project Name: Dodd Fed 9Z5

Project #:

Project Manager: Rubeena Pons

Sampler: B. Sinclair

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 1.6 -0.2(CF) = 1.4°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2003C58
3/27	3:01		SSA Comp 1ft	2oz	Ice	-013
✓	3:05		SSA Comp 6"	✓	✓	-014
✓	3:15		SSA Bottom Comp	✓	✓	-015

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH 8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
	X					X			
	✓					✓			
	✓					✓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3/27	5:00	Rubeena Pons	Chaparral Sample		3/27	1700
3/27	1900	Chaparral Sample		Courier	3/28/20	085

Remarks: Please cc the following via email:
Dadkins@talonlpe.com
Rpons@talonlpe.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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 134419

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 134419
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	8/16/2022