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TALON LPE

Remediation and Closure Report

Paint 32 Fee #001H
Eddy County, New Mexico
30-015-39623
Incident ID #NRM2009054594

Prepared For:

Spur Energy
920 Memorial Hwy. Suite 1000
Houston, TX 77024

Prepared By:

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

November 18, 2020

Mike Bratcher
NMOCD
811 S. First St.
Artesia, NM 88210

Subject: **Remediation and Closure Report**
Paint 32 Fee #001H
Eddy County, NM
Incident ID #NRM2009054594

Dear Mr. Bratcher,

Spur Energy Partners, LLC (Spur) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The incident description, soil sampling results, remedial action, and closure request is presented herein.

Site Information

The Paint 32 Fee #001H is located approximately ten (10) miles south of Artesia, New Mexico. The legal location for this release is Unit Letter L, Section 32, Township 18 South and Range 26 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.7032661 North and -104.4124146 West. A Site Map is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Atoka Loam with 1 to 3 percent slopes, the referenced soil data is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age and is comprised of eolian sands and piedmont alluvial deposits. Drainage courses in this area are well drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 90-feet below ground surface (BGS). See Appendix II for the referenced groundwater depth. This site is not located within a Karst area.

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	**90 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

Because the release did not occur in any of these areas and the depth to groundwater is greater than 50-feet deep, based on the site characterization data the clean up criteria for this site is as follows.

Table I
Closure Criteria for Soils Impacted by a Release

Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
51 feet-100 feet	Total Chlorides	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

On March 27, 2020 the 4" fill line from the water tank developed a leak causing the tank to drain into the lined containment. All fluid remained inside the containment. Approximately 93 bbls of water were released into the containment. A vac truck was dispatched, and recovered approximately 90 bbls of fluid. The C-141 Initial Spill Notification (Appendix lll)..

Site Assessment

On March 30, 2020, Talon mobilized personnel to the site and conducted the intial site assessment, taking photos for the record. The liner was inspected for possible breaches. Soil samples were collected from the footprint of the spill area. All samples were properly contained, preserved, and transported to Hall Laboratories for analysis of Chlorides (EPA Method 300.0), TPH (EPA Method 8015M), and BTEX (EPA Method 8021B). Sample locations are shown on the attached site plan and the results of our sampling event are presented in the following data table.

3-31-20 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth ft.(BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
N. Comp	3/30/2020	0-1'	ND	ND	ND	300	460	760	ND
W. Comp #1	3/30/2020	0-1'	ND	ND	ND	ND	ND	ND	ND
W. Comp #2	3/30/2020	0-1'	ND	ND	ND	ND	ND	ND	ND
S. Comp	3/30/2020	0-1'	ND	ND	ND	ND	ND	ND	ND
E. Comp #1	3/30/2020	0-1'	ND	ND	ND	ND	ND	ND	ND
E. Comp #2	3/30/2020	0-1'	ND	ND	ND	11	ND	ND	ND

ND-Analyte Not Detected

See Appendix V for the complete report of laboratory results.

On November 02, 2020 Talon personnel returned to the Paint 32 Fee #001 Battery site, in order to hand excavate the North exterior side of the containment to a depth of 1' bgs. A hydro-vac was utilized to remove all stained pea gravel from the inertior of the containment. The interior was power washed and all fluid removed so that the liner could be inspected for any possible breaches. No breaches were detected in the bottom of the liner. However, there were two small holes in the liner located on the crest of the west berms. Akome was dispatched to repair the liner as can be seen in the photo documentation (Appendix lV).

A five point composite sample was taken from the excavated area located at the north side of the containment. The soil sample was properly packaged, preserved and transported to Hall Laboratories for analyses of Chlorides, TPH, and BTEX. The results are tabled below for reference. The full laboratory report can be viewed in (Appendix V).

11-05-20 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth ft.(BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
NBC	11/04/2020	1’	ND	ND	ND	ND	ND	ND	ND

NBC- North Bottom Composite ND-Analyte Not Detected

Remedial Actions

- All impacted soil on the northern exterior side of containment and all surface staining was excavated and disposed of at an NMOCD approved facility.
- All stained pea gravel was removed from the interior of the containment and the liner power washed.
- The liner was repaired and final inspection conducted. Photo documentation is appended.
- Confirmation soil samples were retrieved and verified analyte levels within NMOCD guidelines.
- Fresh caliche, similar in grade was used to backfill the location.

Closure

Based on this site characterization, remedial actions completed, and analytical results, we request that no further actions be required, and that closure with regard to the attached 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

Attachments:
Appendix I Site Maps, Karst Map, TOPO Map, Vicinity Map
Appendix II Groundwater Data, FEMA Flood Zone, Soil Survey
Appendix III C-141 Forms
Appendix lV Photo Documentation
Appendix V Laboratory Analyticla Data

APPENDIX I

SITE MAPS

Spur Energy Paint 32 Fee #001H

Eddy County
API #30-015-39623
Vicinity Map

Legend

Spur Energy Paint 32 Fee #001H

W Kincaid Ranch Rd

38

Oklahoma Fee 3 Battery
S-3 S-4

Spur Energy Paint 32 Fee #001H

N Lake Rd

285

Snowberry Ln

7 Rivers Hwy

N

3000 ft

Survey Google Earth

Spur Energy Paint 32 Fee #001H

Eddy County
API #30-015-39623
Site Plan

Spur Energy Paint 32 Fee #001H

N. Comp

W SW Comp#1

E. Comp #1

W. Comp #2

E. Comp #2

S Comp.

Legend

- Sample Positions
- Spill Area
- Spur Energy Paint 32 Fee #001H

Survey

Google Earth

N

100 ft

Spur Energy Paint 32 Fee #001H

Eddy County
API #30.015.39623
Karst Map

Legend
- 0
- High
- Low
- Medium

32.7032661, -104.4124146

Survey
Google Earth

N

800 ft

Spur Energy Partners Paint 32 Fee #001H

API 30-015-39623
Eddy County
TOPO Map

Legend
- 0
- Excavated Area
- Feature 1
- Feature 2
- Impact/Spray Area

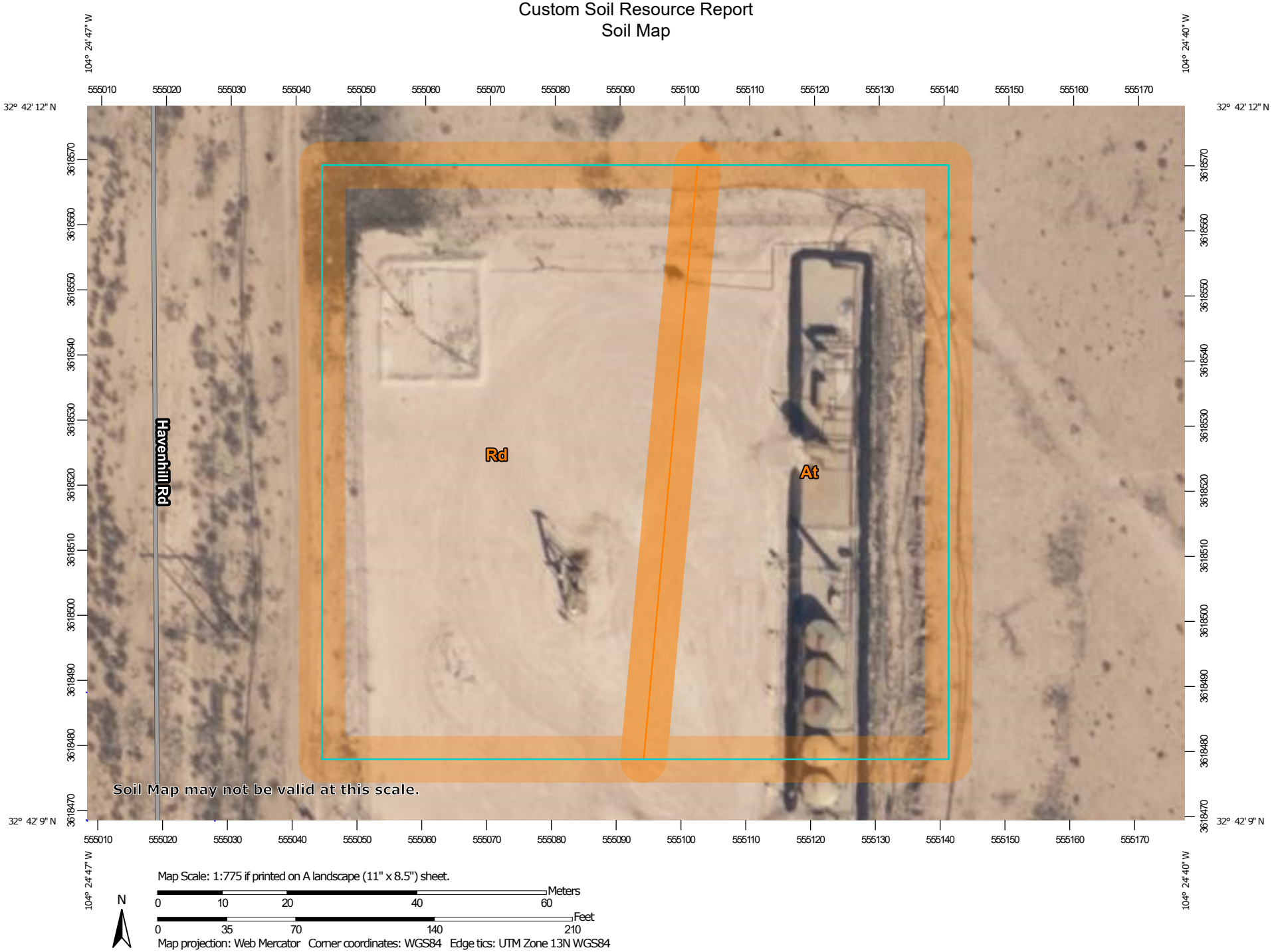
Oklahoma Fee 3 Battery
S-2
S-4
Paint 32 Fee #001H
31
32
3400
3370
285
7 Rivers Hwy
Snowberry Ln
N
2000 ft

APPENDIX II

SOIL SURVEY,

GROUNDWATER DATA

Custom Soil Resource Report
Soil Map



Eddy Area, New Mexico

At—Atoka loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w41
Elevation: 1,100 to 4,300 feet
Mean annual precipitation: 7 to 14 inches
Mean annual air temperature: 60 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Atoka and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Atoka

Setting

Landform: Plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 33 inches: loam
H3 - 33 to 37 inches: indurated

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Moderate (about 6.4 inches)

Interpretive groups

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

Minor Components

Upton

Percent of map unit: 1 percent
Ecological site: R042XC025NM - Shallow
Hydric soil rating: No

Atoka

Percent of map unit: 1 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Rd—Reagan loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5m
Elevation: 1,100 to 4,400 feet
Mean annual precipitation: 7 to 15 inches
Mean annual air temperature: 60 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Reagan and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Alluvial fans, fan remnants
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 82 inches: loam

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Minor Components

Reagan

Percent of map unit: 1 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Upton

Percent of map unit: 1 percent
Ecological site: R042XC025NM - Shallow
Hydric soil rating: No

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 04136		RA	ED	1	1		32	18S	26E	555246	3619273*	152	90	62

Average Depth to Water: **90 feet**

Minimum Depth: **90 feet**

Maximum Depth: **90 feet**

Record Count: 1

PLSS Search:

Section(s): 32 **Township:** 18S **Range:** 26E

***UTM location was derived from PLSS - see Help**

3/30/20 12:15 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

APPENDIX III

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	NRM2009054594
District RP	
Facility ID	
Application ID	1GD4O-200330-C-1410

Release Notification

Responsible Party

Responsible Party: Spur Energy Partners LLC	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 32.7032661 Longitude -104.4124146 (location of source)
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Paint 32 Fee #001H	Site Type: Oil Production
Date Release Discovered: March 27, 2020	API# *(if applicable) 30-015-39623*

Unit Letter	Section	Township	Range	County
L	32	18S	26E	Eddy

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

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) 93 bbls	Volume Recovered (bbls) 90 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:
The (4") fill line going to the water tank developed a leak causing the tank to drain into the lined containment. No fluids left the containment. Talon LPE has been consulted for remediation of the affected area.

State of New Mexico
Oil Conservation Division

Incident ID	NRM2009054594
District RP	
Facility ID	
Application ID	

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? The volume of release exceeded 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Kenny Kidd with Spur Energy to Victoria Venegas, Robert Hamlet, Mike Bratcher, and Jim Griswold, via email dated March 27, 2020 at 9:28 P.M.	

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: 3/30/2020

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

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NRM2009054594
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	90 (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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NRM2009054594
District RP	
Facility ID	
Application ID	

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

Printed Name: Rebecca Pons Title: Project Manager

Signature: Date: 03/30/2020

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

OCD Only

Received by: Chad Hensley Date: 02/24/2021

State of New Mexico
Oil Conservation Division

Incident ID	NRM2009054594
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: Rebecca Pons Title: Project Manager

Signature: _____ Date: 11/19/2020

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

OCD Only

Received by: Chad Hensley Date: 02/24/2021

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: Chad Hensley Date: 02/24/2021

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

Spur Energy Paint 32 Fee #1 Battery

PHOTO DOCUMENTATION

Location Signage


Looking North


Looking East


West side of interior berm


South Side


Center Berm Leaching

Spur Energy Paint 32 Fee #1 Battery

PHOTO DOCUMENTATION-Remediation

Excavation N Exterior of berm

Looking West

Liner Repair

Stained Pea Gravel-Removed N. End

South Side

Hydrovac underlines complete

APPENDIX V

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

April 06, 2020

Rebecca Pons

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

RE: Paint 32 Tee1 CTB OrderNo.: 2003D11

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 6 sample(s) on 3/31/2020 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 **2003D11**
Date Reported: **4/6/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: N. Comp
Project: Paint 32 Tee1 CTB
Collection Date: 3/30/2020 11:30:00 AM
Lab ID: 2003D11-001 **Matrix:** SOIL **Received Date:** 3/31/2020 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	4/5/2020 5:50:46 PM	51565
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**CLP**
Diesel Range Organics (DRO)	300	88		mg/Kg	10	4/5/2020 2:40:17 AM	51486
Motor Oil Range Organics (MRO)	460	440		mg/Kg	10	4/5/2020 2:40:17 AM	51486
Surr: DNOP	0	55.1-146	S	%Rec	10	4/5/2020 2:40:17 AM	51486
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2020 9:32:33 PM	51471
Surr: BFB	93.9	66.6-105		%Rec	1	4/5/2020 9:32:33 PM	51471
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	4/5/2020 9:32:33 PM	51471
Toluene	ND	0.048		mg/Kg	1	4/5/2020 9:32:33 PM	51471
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2020 9:32:33 PM	51471
Xylenes, Total	ND	0.095		mg/Kg	1	4/5/2020 9:32:33 PM	51471
Surr: 4-Bromofluorobenzene	96.8	80-120		%Rec	1	4/5/2020 9:32:33 PM	51471

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 **2003D11**
Date Reported: **4/6/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: W. Comp #1
Project: Paint 32 Tee1 CTB
Collection Date: 3/30/2020 11:35:00 AM
Lab ID: 2003D11-002 **Matrix:** SOIL
Received Date: 3/31/2020 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	4/5/2020 6:03:08 PM	51565
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/5/2020 3:04:32 AM	51486
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/5/2020 3:04:32 AM	51486
Surr: DNOP	92.0	55.1-146		%Rec	1	4/5/2020 3:04:32 AM	51486
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2020 11:31:32 PM	51471
Surr: BFB	98.2	66.6-105		%Rec	1	4/5/2020 11:31:32 PM	51471
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	4/5/2020 11:31:32 PM	51471
Toluene	ND	0.050		mg/Kg	1	4/5/2020 11:31:32 PM	51471
Ethylbenzene	ND	0.050		mg/Kg	1	4/5/2020 11:31:32 PM	51471
Xylenes, Total	ND	0.10		mg/Kg	1	4/5/2020 11:31:32 PM	51471
Surr: 4-Bromofluorobenzene	97.9	80-120		%Rec	1	4/5/2020 11:31:32 PM	51471

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 **2003D11**
Date Reported: **4/6/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: W. Comp #2
Project: Paint 32 Tee1 CTB
Collection Date: 3/30/2020 11:40:00 AM
Lab ID: 2003D11-003 **Matrix:** SOIL **Received Date:** 3/31/2020 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	4/5/2020 6:40:15 PM	51566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/5/2020 3:28:40 AM	51486
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/5/2020 3:28:40 AM	51486
Surr: DNOP	98.6	55.1-146		%Rec	1	4/5/2020 3:28:40 AM	51486
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2020 11:55:27 PM	51471
Surr: BFB	101	66.6-105		%Rec	1	4/5/2020 11:55:27 PM	51471
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	4/5/2020 11:55:27 PM	51471
Toluene	ND	0.049		mg/Kg	1	4/5/2020 11:55:27 PM	51471
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2020 11:55:27 PM	51471
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2020 11:55:27 PM	51471
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/5/2020 11:55:27 PM	51471

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 **2003D11**
Date Reported: **4/6/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S. Comp
Project: Paint 32 Tee1 CTB
Collection Date: 3/30/2020 11:45:00 AM
Lab ID: 2003D11-004
Matrix: SOIL
Received Date: 3/31/2020 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	4/5/2020 7:41:59 PM	51566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**CLP**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/5/2020 10:21:16 PM	51486
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/5/2020 10:21:16 PM	51486
Surr: DNOP	99.8	55.1-146		%Rec	1	4/5/2020 10:21:16 PM	51486
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/6/2020 12:19:22 AM	51471
Surr: BFB	99.3	66.6-105		%Rec	1	4/6/2020 12:19:22 AM	51471
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	4/6/2020 12:19:22 AM	51471
Toluene	ND	0.049		mg/Kg	1	4/6/2020 12:19:22 AM	51471
Ethylbenzene	ND	0.049		mg/Kg	1	4/6/2020 12:19:22 AM	51471
Xylenes, Total	ND	0.098		mg/Kg	1	4/6/2020 12:19:22 AM	51471
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/6/2020 12:19:22 AM	51471

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 **2003D11**
Date Reported: **4/6/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: E. Comp #1
Project: Paint 32 Tee1 CTB
Collection Date: 3/30/2020 12:00:00 PM
Lab ID: 2003D11-005 **Matrix:** SOIL **Received Date:** 3/31/2020 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	4/5/2020 7:54:20 PM	51566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/5/2020 4:17:07 AM	51486
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/5/2020 4:17:07 AM	51486
Surr: DNOP	90.0	55.1-146		%Rec	1	4/5/2020 4:17:07 AM	51486
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/6/2020 12:43:16 AM	51471
Surr: BFB	99.9	66.6-105		%Rec	1	4/6/2020 12:43:16 AM	51471
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	4/6/2020 12:43:16 AM	51471
Toluene	ND	0.049		mg/Kg	1	4/6/2020 12:43:16 AM	51471
Ethylbenzene	ND	0.049		mg/Kg	1	4/6/2020 12:43:16 AM	51471
Xylenes, Total	ND	0.098		mg/Kg	1	4/6/2020 12:43:16 AM	51471
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/6/2020 12:43:16 AM	51471

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 **2003D11**
Date Reported: **4/6/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: E. Comp #2
Project: Paint 32 Tee1 CTB
Collection Date: 3/30/2020 12:05:00 PM
Lab ID: 2003D11-006
Matrix: SOIL
Received Date: 3/31/2020 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	4/5/2020 8:06:42 PM	51566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**CLP**
Diesel Range Organics (DRO)	11	9.8		mg/Kg	1	4/5/2020 4:41:18 AM	51486
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/5/2020 4:41:18 AM	51486
Surr: DNOP	103	55.1-146		%Rec	1	4/5/2020 4:41:18 AM	51486
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/6/2020 1:07:10 AM	51471
Surr: BFB	99.7	66.6-105		%Rec	1	4/6/2020 1:07:10 AM	51471
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	4/6/2020 1:07:10 AM	51471
Toluene	ND	0.049		mg/Kg	1	4/6/2020 1:07:10 AM	51471
Ethylbenzene	ND	0.049		mg/Kg	1	4/6/2020 1:07:10 AM	51471
Xylenes, Total	ND	0.099		mg/Kg	1	4/6/2020 1:07:10 AM	51471
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/6/2020 1:07:10 AM	51471

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#: **2003D11**
06-Apr-20

Client: Talon Artesia
Project: Paint 32 Tee1 CTB

Sample ID: **MB-51566**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **51566**	RunNo: **67873**							
Prep Date: **4/5/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344711**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-51566**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **51566**	RunNo: **67873**							
Prep Date: **4/5/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344712**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.4	90	110			

Sample ID: **MB-51565**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **51565**	RunNo: **67873**							
Prep Date: **4/5/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344735**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-51565**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **51565**	RunNo: **67873**							
Prep Date: **4/5/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344736**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.9	90	110			

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#: **2003D11**
06-Apr-20

Client: Talon Artesia
Project: Paint 32 Tee1 CTB

Sample ID: **MB-51523**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **51523**	RunNo: **67837**							
Prep Date: **4/2/2020**	Analysis Date: **4/4/2020**	SeqNo: **2343707**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		105	55.1	146			

Sample ID: **MB-51486**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **51486**	RunNo: **67837**							
Prep Date: **4/1/2020**	Analysis Date: **4/4/2020**	SeqNo: **2343708**	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		88.2	55.1	146			

Sample ID: **LCS-51523**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **51523**	RunNo: **67837**							
Prep Date: **4/2/2020**	Analysis Date: **4/4/2020**	SeqNo: **2343709**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.3		5.000		86.3	55.1	146			

Sample ID: **LCS-51486**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **51486**	RunNo: **67837**							
Prep Date: **4/1/2020**	Analysis Date: **4/4/2020**	SeqNo: **2343710**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP	2.8		5.000		56.4	55.1	146			

Sample ID: **MB-51555**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **51555**	RunNo: **67858**							
Prep Date: **4/4/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344047**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.5		10.00		84.8	55.1	146			

Sample ID: **LCS-51555**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **51555**	RunNo: **67858**							
Prep Date: **4/4/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344048**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.6		5.000		71.5	55.1	146			

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#: **2003D11**
06-Apr-20

Client: Talon Artesia
Project: Paint 32 Tee1 CTB

Sample ID: **mb-51471**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **51471**	RunNo: **67872**
Prep Date: **4/1/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344497** 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	950		1000		95.1	66.6	105			

Sample ID: **lcs-51471**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **51471**	RunNo: **67872**
Prep Date: **4/1/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344498** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.3	80	120			
Surr: BFB	1100		1000		107	66.6	105			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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2003D11**
06-Apr-20

Client: Talon Artesia
Project: Paint 32 Tee1 CTB

Sample ID: **mb-51471**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **PBS**	Batch ID: **51471**	RunNo: **67872**							
Prep Date: **4/1/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344549**	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: 4-Bromofluorobenzene	0.98		1.000		97.9	80	120			

Sample ID: **LCS-51471**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **LCSS**	Batch ID: **51471**	RunNo: **67872**							
Prep Date: **4/1/2020**	Analysis Date: **4/5/2020**	SeqNo: **2344550**	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	90.6	80	120			
Toluene	0.93	0.050	1.000	0	92.8	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.9	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.1	80	120			

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		

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: 2003D11 RcptNo: 1

Received By: **Juan Rojas** 3/31/2020 8:20:00 AM

Completed By: **John Caldwell** 3/31/2020 10:20:47 AM

Reviewed By: JO 3/31/20

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: DAD 3/31/20

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	2.8	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: 5 day Rush

☑ Standard ☐ Rush

Project Name: Point 32 FEE 1 8 CTB

Project #: 202604.012.01

Project Manager: Rebecca Pons

Sampler: Michael Collier

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 2.9-0.1=2.8

per Skip Tabor LBS 3/31/20

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. 2003D11	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)						
3/30	11:30		W. Comp	Jar	ICE	-001	✓	✓					✓									
✓	11:35		W. Comp #1			-002																
✓	11:40		W. Comp #2			-003																
✓	11:45		S. Comp			-004																
✓	12:00		E. Comp #1			-005																
✓	12:05		E. Comp #2			-006																

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3/30	4:30	Rebecca Pons	[signature]		3/30/20	1630
3/30/20	1900	[signature]	[signature]	courier	3/31/20	8:20

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.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

November 13, 2020

Rebecca Pons

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

RE: Paint 32 Fee 1 CTB Paint OrderNo.: 2011258

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/5/2020 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 **2011258**
Date Reported: **11/13/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: NBC
Project: Paint 32 Fee 1 CTB Paint
Collection Date: 11/4/2020 12:30:00 PM
Lab ID: 2011258-001 **Matrix:** SOIL **Received Date:** 11/5/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	11/10/2020 7:01:10 PM	56328
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/6/2020 7:22:20 PM	56237
Surr: BFB	103	70-130		%Rec	1	11/6/2020 7:22:20 PM	56237
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	11/7/2020 6:12:25 AM	56227
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/7/2020 6:12:25 AM	56227
Surr: DNOP	39.3	30.4-154		%Rec	1	11/7/2020 6:12:25 AM	56227
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.025		mg/Kg	1	11/6/2020 7:22:20 PM	56237
Toluene	ND	0.049		mg/Kg	1	11/6/2020 7:22:20 PM	56237
Ethylbenzene	ND	0.049		mg/Kg	1	11/6/2020 7:22:20 PM	56237
Xylenes, Total	ND	0.099		mg/Kg	1	11/6/2020 7:22:20 PM	56237
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	11/6/2020 7:22:20 PM	56237
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	11/6/2020 7:22:20 PM	56237
Surr: Dibromofluoromethane	118	70-130		%Rec	1	11/6/2020 7:22:20 PM	56237
Surr: Toluene-d8	101	70-130		%Rec	1	11/6/2020 7:22:20 PM	56237

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#: **2011258**
17-Nov-20

Client: Talon Artesia
Project: Paint 32 Fee 1 CTB Paint

Sample ID: **MB-56328**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **56328**	RunNo: **73261**							
Prep Date: **11/10/2020**	Analysis Date: **11/10/2020**	SeqNo: **2577782**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-56328**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **56328**	RunNo: **73261**							
Prep Date: **11/10/2020**	Analysis Date: **11/10/2020**	SeqNo: **2577783**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	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#: **2011258**

17-Nov-20

Client: Talon Artesia

Project: Paint 32 Fee 1 CTB Paint

Sample ID: **LCS-56174** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **56174** RunNo: **73123**
Prep Date: **11/3/2020** Analysis Date: **11/4/2020** SeqNo: **2572317** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.3		5.000		106	30.4	154			

Sample ID: **MB-56174** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **56174** RunNo: **73123**
Prep Date: **11/3/2020** Analysis Date: **11/4/2020** SeqNo: **2572319** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		116	30.4	154			

Sample ID: **LCS-56227** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **56227** RunNo: **73123**
Prep Date: **11/5/2020** Analysis Date: **11/6/2020** SeqNo: **2575306** 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	87.4	70	130			
Surr: DNOP	3.6		5.000		72.7	30.4	154			

Sample ID: **MB-56227** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **56227** RunNo: **73123**
Prep Date: **11/5/2020** Analysis Date: **11/6/2020** SeqNo: **2575307** 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	8.7		10.00		87.5	30.4	154			

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#: **2011258**
17-Nov-20

Client: Talon Artesia
Project: Paint 32 Fee 1 CTB Paint

Sample ID: **mb-56237** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **56237** RunNo: **73189**
Prep Date: **11/5/2020** Analysis Date: **11/6/2020** SeqNo: **2574145** 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	0.50		0.5000		99.0	70	130			
Surr: 4-Bromofluorobenzene	0.54		0.5000		108	70	130			
Surr: Dibromofluoromethane	0.55		0.5000		111	70	130			
Surr: Toluene-d8	0.49		0.5000		98.8	70	130			

Sample ID: **lcs-56237** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **56237** RunNo: **73189**
Prep Date: **11/5/2020** Analysis Date: **11/6/2020** SeqNo: **2574146** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	106	80	120			
Toluene	1.1	0.050	1.000	0	108	80	120			
Ethylbenzene	1.1	0.050	1.000	0	109	80	120			
Xylenes, Total	3.5	0.10	3.000	0	115	80	120			
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		95.2	70	130			
Surr: 4-Bromofluorobenzene	0.54		0.5000		107	70	130			
Surr: Dibromofluoromethane	0.55		0.5000		110	70	130			
Surr: Toluene-d8	0.49		0.5000		97.6	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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011258**

17-Nov-20

Client: Talon Artesia

Project: Paint 32 Fee 1 CTB Paint

Sample ID: **mb-56237** SampType: **MBLK** TestCode: **EPA Method 8015D Mod: Gasoline Range**

Client ID: **PBS** Batch ID: **56237** RunNo: **73189**

Prep Date: **11/5/2020** Analysis Date: **11/6/2020** SeqNo: **2574171** 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	540		500.0		108	70	130			

Sample ID: **lcs-56237** SampType: **LCS** TestCode: **EPA Method 8015D Mod: Gasoline Range**

Client ID: **LCSS** Batch ID: **56237** RunNo: **73189**

Prep Date: **11/5/2020** Analysis Date: **11/6/2020** SeqNo: **2574172** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.3	70	130			
Surr: BFB	530		500.0		107	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: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **Talon Artesia** Work Order Number: **2011258** RcptNo: 1

Received By: **Juan Rojas** **11/5/2020 8:00:00 AM**

Completed By: **Emily Mocho** **11/5/2020 8:34:25 AM**

Reviewed By: JR 11/5/20

Chain of Custody

1. Is Chain of Custody 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: SGL 11/5/20

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	0.4	Good	Yes			
2	0.9	Good	Yes			

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: 4-Day
☑ Standard ☐ Rush

Project Name: Paint 32 Fee 1 CTB (Paint)

Project #: 702604.012.01

Project Manager: R. Pons

Sampler: Roy Bell

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 0.4-0.4 0.9-0.9

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. 201258	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)	Analysis Request
11/4/20	1230	soil	NBG	Jar	Ice/cool	001	X	X					X				

Date: 11/4/20 Time: 1335 Relinquished by:

Date: 11/4/20 Time: 1500 Relinquished by:

Received by: Via: Date: 11/4/20 Time: 1325

Received by: Via: courier Date: 11/5/20 Time: 8:00

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 11365

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
SPUR ENERGY PARTNERS LLC 9655 Katy Freeway Suite 500 Houston, TX77024	328947	11365	C-141

OCD Reviewer	Condition
chensley	None