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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

Rebecca Pons Digitally signed by Rebecca Pons
DN: cn=Rebecca Pons, o=Talon LPE, ou=Artesia, email=Rpons@talonlpe.com, c=US
Date: 2020.11.24 14:11:17 -07'00'

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

Surveu
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

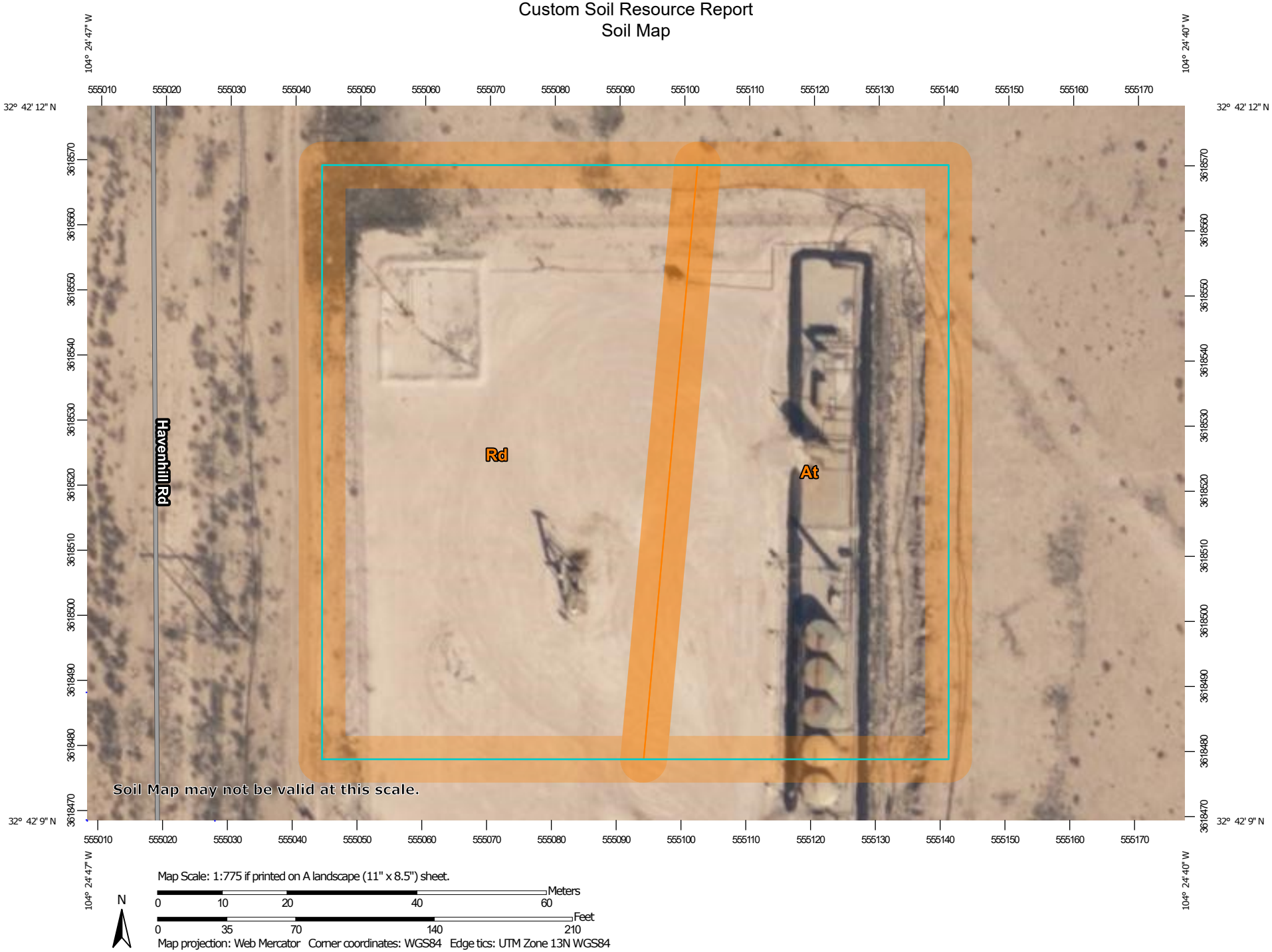
Oklahoma Fee 3 Battery
S-2
S-4
Paint 32 Fee #001H
31
32
3400
3370
285
7 Rivers Hwy
Snowberry Ln
N
2000 ft
Survey Google Earth
©2020 Google

# 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<br>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?<br><br>☒ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release?<br>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)?<br>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: Rebecca Pons Digitally signed by Rebecca Pons DN: cn=Rebecca Pons, o=Talon LPE, ou=Artesia, email=Rpons@talonlpe.com, c=US Date: 2020.11.24 14:11:51 -07'00' 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: Rebecca Pons Digitally signed by Rebecca Pons DN: cn=Rebecca Pons, o=Talon LPE, ou=Artesia, email=Rpons@talonlpe.com, c=US Date: 2020.11.24 14:12:18 -07'00' 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: Rebecca Pons Digitally signed by Rebecca Pons DN: cn=Rebecca Pons, o=Talon LPE, ou=Artesia, email=Rpons@talonlpe.com, c=US Date: 2020.11.24 14:12:46 -07'00' 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. |
| 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-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 | | | | |

per Skip Tabor 4/3/20

# 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: Paint 32 Fee 1 CTB

Project #: 2026.04.017.01

Project Manager: Rebecca Pons

Sampler: Michael Collier

On Ice: ☑ Yes ☐ No

# of Coolers: 1

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


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. 2003D11 |
|---|---|---|---|---|---|---|
| 3/30 | 11:30 | | W. Comp | 4oz | 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 |

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 |
|---|---|---|---|---|---|---|
| 3/30 | 1430 | Rebecca Pons | | | 3/30/20 | 1630 |
| 3/30/20 | 1900 | | | 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*
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*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. |
| 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 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** Juan Rojas

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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/4/20 | 1230 | soil | NBG | Jar | Ice/cool | 001 | X | X | | | | | X | | | |

Analysis Request

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

| Date | Time | Relinquished by: | Received by: | Via: | Date | Time |
|---|---|---|---|---|---|---|
| 11/4/20 | 1335 | Roy Bell | [illegible] | | 11/4/20 | 1335 |
| 11/4/20 | 1800 | [illegible] | [illegible] | courier | 11/5/20 | 8:00 |

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.