talonlpe.com • 866.742.0742

TALON LPE

Remediation and Closure Report

Turkey 4 State 2
Eddy County, New Mexico
30-015-36433
Incident # Nab1819933371

Prepared For:

Devon Energy Co.
6488 Seven Rivers Hwy.
Artesia, NM 88210

Prepared By:

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

March 8, 2021

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

Subject: **Remediation and Closure Report**
Turkey 4 State 2
Eddy County, NM
API 30-015-36433
Incident #Nab1819933371

Dear Mr. Bratcher,

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

Site Information

The Turkey 4 State 2 is located approximately twenty-six (26) miles southeast of Artesia, New Mexico. The legal location for this release is Unit Letter L, Section 04, Township 19 South and Range 29 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.6861992 North and -104.0862122 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 Berino-Dune Land Complex association with 0 to 3 percent slopes. The referenced soil data is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age and is comprised mixed alluvium and/or eolian sands. 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 247-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	**247 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

The depth to groundwater is >100 feet deep. However the referenced POD (point of diversion) is over 20 years old. Therefore, 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
>100 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On July 2, 2018, a lightning strike occurred at this facility. A tank was stuck causing a fire to erupt. The fire was extinguished by the fire department. The release occurred on the pad area and no fluid traversed to the pasture area. All fluid was vaporized in the fire. The site map is presented in Appendix I.

Site Assessment

On September 17, 2020, Talon mobilized personnel to the site and conducted the initial site assessment. Soil samples were collected from the exterior of the containment area. All samples were properly contained, preserved, and transported to Hall Environmental Analysis Laboratory, Inc., for analysis of Total 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.

9-25-2020 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-BG	9/17/2020	0’	ND	ND	ND	ND	ND	-	ND
S-BG	9/17/2020	0-1’	ND	ND	ND	ND	ND	-	120
E-BG	9/17/2020	0-1’	ND	ND	ND	ND	ND	-	ND
W-BG	9/17/2020	0-1’	ND	ND	ND	ND	ND	-	ND
N-Comp	9/17/2020	0-1’	ND	ND	ND	20	ND	20	100
S-Comp	9/17/2020	0-1’	ND	ND	ND	ND	ND	-	1200
E-Comp	9/17/2020	0-1’	ND	ND	ND	110	ND	110	ND
W-Comp	9/17/2020	0-1’	ND	ND	ND	25	ND	25	170

ND=Analyte Not Detected

See Appendix V for the complete report of laboratory results.

Work Completed

On January 14, 2021, Talon personnel mobilized to the site in order to hand excavate the south side and east side exterior area of the containment. These areas were excavated to approximately 1' bgs. Composite soil samples were taken of the south and east sides of the excavated areas respectively. All soil samples were properly contained, preserved, and transported to Hall Environmental Analysis Laboratory, Inc. Sample locations are shown on the attached site plan and the results of our sampling event are presented in the following data table.

1-26-2021 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
SW Comp	1/14/21	1'	ND	ND	ND	ND	ND	-	160
SE Comp	1/14/21	1'	ND	ND	ND	ND	ND	-	210
E Comp	1/14/21	1'	ND	ND	ND	ND	ND	-	ND

ND=Analyte Not Detected

See Appendix V for the complete report of laboratory results.

Remedial Actions

- All surface impact as well as staining was excavated from the exterior of the containment and disposed of at a NMOCD approved solid waste disposal facility.
- Confirmation soil samples were collected and verified analyte levels were below NMOCD remediation guidelines.
- Work completed by others, revealed by photo documentation that all debris and infrastructure has been removed. The site has been reclaimed.

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
Digitally signed by Rebecca Pons
DN: cn=Rebecca Pons, o=Talon LPE, ou=Artesia, email=Rpons@talonlpe.com, c=US
Date: 2021.03.09 15:29:07 -07'00'

Rebecca Pons
Senior Project Manager

David J. Adkins
Digitally signed by David J. Adkins
DN: cn=David J. Adkins, o=Talon/LPE, ou=Regional Manager, email=dadkins@talonlpe.com, c=US
Date: 2021.03.09 11:56:11 -07'00'

David J. Adkins
Regional Manager

Attachments:

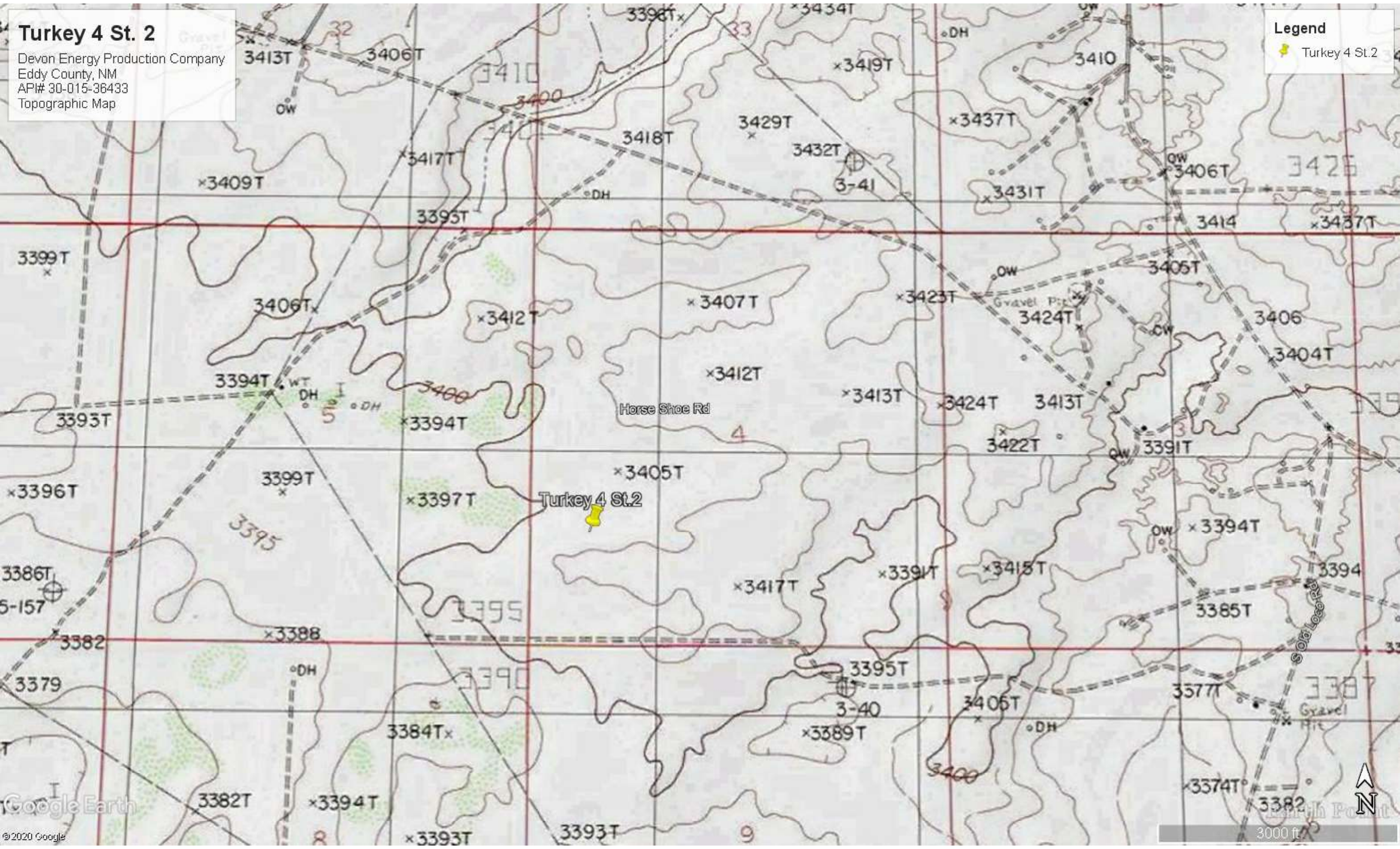
Appendix I	Site Maps, Karst Map, TOPO Map
Appendix II	Soil Survey, Groundwater
Appendix III	Initial and Final C-141's
Appendix IV	Photo Documentation
Appendix V	Laboratory Analytical Data

APPENDIX I

SITE MAPS


Turkey 4 St.2
Devon Energy Production Company
Eddy County, NM
API# 30-015-36433
Liner Inspection Sample Map
Legend
Sample Point
N.BG
N.Comp
W.Comp
E.Comp
W.BG
E.BG
S.Comp
S.BG
Google Earth
70 ft
N


Turkey 4 State 2
Devon Energy Production Company
Eddy County, NM
API #30-015-36433
Karst Map
Legend
High
Low
Medium
Sample Positions
Turkey 4 St.2
N.BG
N.Comp
W.Comp
E.Comp
E.BG
S.Comp
S.BG
Turkey 4 St.2
Survey
Google Earth
N
70 ft


Turkey 4 St. 2
Devon Energy Production Company
Eddy County, NM
API# 30-015-36433
Topographic Map
Legend
Turkey 4 St.2
Horse Shoe Rd
Turkey 4 St.2
S Old Loco Rd
3000 ft
©2020 Google
Google Earth

APPENDIX II

SOIL SURVEY,

GROUNDWATER DATA

Eddy Area, New Mexico

BD—Berino-Dune land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w44
Elevation: 2,450 to 5,500 feet
Mean annual precipitation: 8 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 45 percent
Dune land: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Fan piedmonts, plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sandy loam
H2 - 17 to 50 inches: sandy clay loam
H3 - 50 to 60 inches: loamy sand

Properties and qualities

Slope: 0 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 slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Moderate (about 7.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Description of Dune Land

Setting

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

Typical profile

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

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R042XC005NM - Deep Sand
Hydric soil rating: No

Cacique

Percent of map unit: 5 percent
Ecological site: R042XC004NM - Sandy
Hydric soil rating: No

Active dune land

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

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00626 POD1		CP	ED	2	3	1	03	19S	29E	587360	3617575	1818	286	247	39
CP 00626 POD2		CP	ED	3	2	1	03	19S	29E	587660	3617880	2218	240	195	45
CP 00646		CP	ED	1	1	4	07	19S	29E	583155	3615551	2853	199	150	49

Average Depth to Water: 197 feet

Minimum Depth: 150 feet

Maximum Depth: 247 feet

Record Count: 3

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 585677.5 Northing (Y): 3616884.89 Radius: 3000

9/17/20 2:38 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

APPENDIX III

C-141 Forms

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

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

RECEIVED
JUL 17 2018
DISTRICT II-ARTESIA O.C.D.

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

nAB1819433371

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Company 6137	Contact Steve McGlasson, Production Foreman
Address 6488 Seven Rivers Hwy Artesia, NM 88210	Telephone No. 575-748-3371
Facility Name Turkey 4 State 2	Facility Type Oil

Surface Owner State	Mineral Owner State	API No. 30-015-36433

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	04	19S	29E	1330'	FSL	670'	FWL	Eddy

Latitude_32.6861992_ **Longitude**_104.0862122_ NAD83

NATURE OF RELEASE

Type of Release Oil, Produced Water (pw), Rainwater	Volume of Release 40bbls oil, 10bbls pw, 145bbls rainwater	Volume Recovered 40bbls oil, 10bbls pw, 145bbls rainwater
Source of Release Tank Battery	Date and Hour of Occurrence July 2, 2018 @ 3:00 PM MST	Date and Hour of Discovery July 2, 2018 @ 3:00 PM MST
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? OCD-Mike Bratcher & Crystal Weaver SLO-Ryan Mann	
By Whom? Mike Shoemaker, EHS Professional	Date and Hour July 3, 2018 MST @ 1:06 PM MST	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
A lightning strike occurred at the facility and a tank was hit and caught on fire. The fire was extinguished by the fire department.

Describe Area Affected and Cleanup Action Taken.*
Approximately 40bbls oil and 10bbls of produced water was released into the lined SPCC containment ring. Approximately 195 bbls was recovered from the containment. (40bbls oil, 10bbls pw and 145 of fluids used to extinguish the fire mixed with rainwater from the storm).

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Dana DeLaRosa	OIL CONSERVATION DIVISION Approved by Environmental Specialist:	
Printed Name: Dana DeLaRosa		
Title: Field Admin Support	Approval Date: 7/17/18	Expiration Date: N/A
E-mail Address: dana.delarosa@dvn.com	Conditions of Approval: See attached	Attached ☐ fAP-4864
Date: 7-16-2018 Phone: 575.746.5594		

* Attach Additional Sheets If Necessary

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	Nab1819933371
District RP	2RP-4864
Facility ID	30-015-36433
Application ID	

Release Notification

Responsible Party

Responsible Party: Devon Energy	OGRID: 328947
Contact Name: Lupe Carrasco	Contact Telephone: 580-748-1613
Contact Email: Lupe.Carrasco@dvn.com	Incident # *(assigned by OCD): Nab1819933371*
Contact mailing address: PO Box 250 Artesia, NM 88211	

Location of Release Source

Latitude 32.6861992 Longitude -104.0862122 *(NAD 83 in decimal degrees to 5 decimal places)*

Site Name: Turkey 4 State 2	Site Type: Oil Production
Date Release Discovered: 07/02/2018	API# *(if applicable) 30-015-36433*

Unit Letter	Section	Township	Range	County
L	04	19S	29E	Eddy

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 40	Volume Recovered (bbls)40
☒ Produced Water	Volume Released (bbls) 10	Volume Recovered (bbls) 10
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:
A lightning strike occurred at the facility, striking the tank and causing a fire to erupt. The fire was extinguished by the fire department.

State of New Mexico
Oil Conservation Division

Incident ID	Nab1819933371
District RP	2RP-4864
Facility ID	30-015-36433
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 was greater than 5 bbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Mike Shoemaker EHS professional on 07/03/2018 to Mike Bratcher-Crystal Weaver via phone and email	

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: Senior Environmental Project

Signature: Rebecca Pons Digitally signed by Rebecca Pons DN: cn=Rebecca Pons, o=Talon LPE, ou=Artesia, email=Rpons@talonlpe.com, c=US Date: 2021.03.09 15:29:43 -07'00' Date: 3/08/2021

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

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	Nab1819933371
District RP	2RP-4864
Facility ID	30-015-36433
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?	247 (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	Nab1819933371
District RP	2RP-4864
Facility ID	30-015-36433
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: Senior Environmental 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: 2021.03.09 15:30:10 -07'00' Date: 06/20/2020

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	Nab1819933371
District RP	2RP-4864
Facility ID	30-015-36433
Application ID	

Remediation Plan

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

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

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

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Rebecca Pons Title: Senior Environmental 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: 2021.03.09 15:56:08 -07'00' Date: 03/08/2021

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

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	Nab1819933371
District RP	2RP-4864
Facility ID	30-015-36433
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: Senior Environmental Project Manager

Signature: Rebecca Pons Date: 03/08/2021

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

OCD Only

Received by: Chad Hensley Date: 03/31/2021

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: 03/31/2021

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

APPENDIX IV

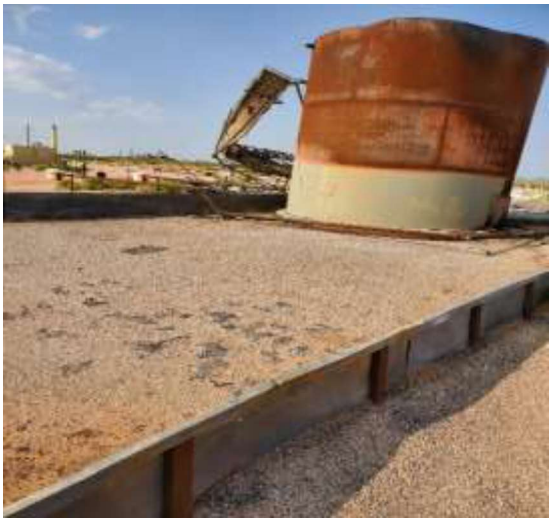
PHOTOGRAPHIC DOCUMENTATION

Devon Energy Turkey 4 State 2

PHOTO DOCUMENTATION

Location Signage


Site Photo


Interior of Containment


Pasture Area


South side of containment

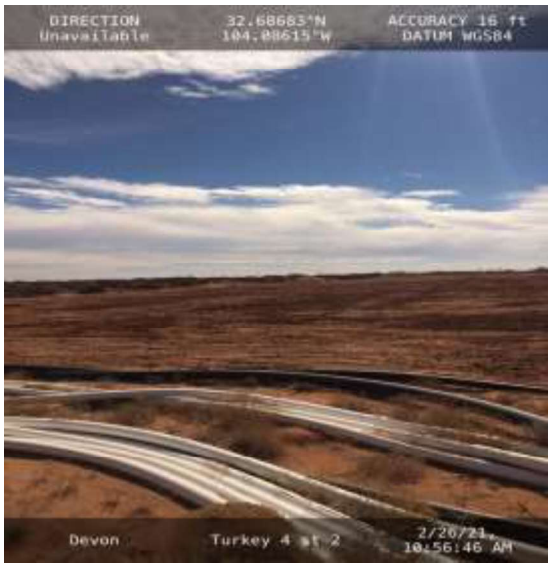

Remnant of tank bottom post lightening strike

Devon Energy Turkey 4 State 2

COMPLETION

Hand excavation South SW (1')

Excavation West SW (1')



Pad area reclaimed

Pad reclaimed 4' of topsoil re-seeded

P& A Well marker

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: clients.hallenvironmental.com

September 25, 2020

Brandon Sinclair

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

RE: Turkey 4 St.2 OrderNo.: 2009A99

Dear Brandon Sinclair:

Hall Environmental Analysis Laboratory received 8 sample(s) on 9/18/2020 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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: N.BG 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 10:01:00 AM
Lab ID: 2009A99-001 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	9/24/2020 4:14:19 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/22/2020 12:28:47 PM	55297
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/22/2020 12:28:47 PM	55297
Surr: DNOP	105	30.4-154		%Rec	1	9/22/2020 12:28:47 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 9:28:33 AM	55291
Surr: BFB	89.0	75.3-105		%Rec	1	9/21/2020 9:28:33 AM	55291
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	9/21/2020 9:28:33 AM	55291
Toluene	ND	0.050		mg/Kg	1	9/21/2020 9:28:33 AM	55291
Ethylbenzene	ND	0.050		mg/Kg	1	9/21/2020 9:28:33 AM	55291
Xylenes, Total	ND	0.099		mg/Kg	1	9/21/2020 9:28:33 AM	55291
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	9/21/2020 9:28:33 AM	55291

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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S.BG 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 10:07:00 AM
Lab ID: 2009A99-002 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	120	60		mg/Kg	20	9/24/2020 4:51:33 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	9/22/2020 12:38:20 PM	55297
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/22/2020 12:38:20 PM	55297
Surr: DNOP	107	30.4-154		%Rec	1	9/22/2020 12:38:20 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 10:39:47 AM	55291
Surr: BFB	85.7	75.3-105		%Rec	1	9/21/2020 10:39:47 AM	55291
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	9/21/2020 10:39:47 AM	55291
Toluene	ND	0.050		mg/Kg	1	9/21/2020 10:39:47 AM	55291
Ethylbenzene	ND	0.050		mg/Kg	1	9/21/2020 10:39:47 AM	55291
Xylenes, Total	ND	0.099		mg/Kg	1	9/21/2020 10:39:47 AM	55291
Surr: 4-Bromofluorobenzene	97.9	80-120		%Rec	1	9/21/2020 10:39:47 AM	55291

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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: E. BG 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 10:10:00 AM
Lab ID: 2009A99-003 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	ND	60		mg/Kg	20	9/24/2020 5:28:47 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/22/2020 12:47:53 PM	55297
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/22/2020 12:47:53 PM	55297
Surr: DNOP	115	30.4-154		%Rec	1	9/22/2020 12:47:53 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 11:50:43 AM	55291
Surr: BFB	85.6	75.3-105		%Rec	1	9/21/2020 11:50:43 AM	55291
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	9/21/2020 11:50:43 AM	55291
Toluene	ND	0.050		mg/Kg	1	9/21/2020 11:50:43 AM	55291
Ethylbenzene	ND	0.050		mg/Kg	1	9/21/2020 11:50:43 AM	55291
Xylenes, Total	ND	0.099		mg/Kg	1	9/21/2020 11:50:43 AM	55291
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	9/21/2020 11:50:43 AM	55291

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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: W. BG 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 10:04:00 AM
Lab ID: 2009A99-004 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	ND	60		mg/Kg	20	9/24/2020 5:41:12 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/22/2020 12:57:28 PM	55297
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/22/2020 12:57:28 PM	55297
Surr: DNOP	83.5	30.4-154		%Rec	1	9/22/2020 12:57:28 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 12:14:15 PM	55291
Surr: BFB	86.8	75.3-105		%Rec	1	9/21/2020 12:14:15 PM	55291
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	9/21/2020 12:14:15 PM	55291
Toluene	ND	0.050		mg/Kg	1	9/21/2020 12:14:15 PM	55291
Ethylbenzene	ND	0.050		mg/Kg	1	9/21/2020 12:14:15 PM	55291
Xylenes, Total	ND	0.099		mg/Kg	1	9/21/2020 12:14:15 PM	55291
Surr: 4-Bromofluorobenzene	99.9	80-120		%Rec	1	9/21/2020 12:14:15 PM	55291

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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: N.COMP 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 9:58:00 AM
Lab ID: 2009A99-005 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	100	59		mg/Kg	20	9/24/2020 5:53:36 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	20	9.4		mg/Kg	1	9/22/2020 1:07:02 PM	55297
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/22/2020 1:07:02 PM	55297
Surr: DNOP	101	30.4-154		%Rec	1	9/22/2020 1:07:02 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/21/2020 12:37:41 PM	55291
Surr: BFB	87.2	75.3-105		%Rec	1	9/21/2020 12:37:41 PM	55291
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	9/21/2020 12:37:41 PM	55291
Toluene	ND	0.049		mg/Kg	1	9/21/2020 12:37:41 PM	55291
Ethylbenzene	ND	0.049		mg/Kg	1	9/21/2020 12:37:41 PM	55291
Xylenes, Total	ND	0.097		mg/Kg	1	9/21/2020 12:37:41 PM	55291
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/21/2020 12:37:41 PM	55291

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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S. COMP 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 10:19:00 AM
Lab ID: 2009A99-006 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	1200	60		mg/Kg	20	9/24/2020 6:06:00 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	9/22/2020 1:16:37 PM	55297
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/22/2020 1:16:37 PM	55297
Surr: DNOP	88.7	30.4-154		%Rec	1	9/22/2020 1:16:37 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/21/2020 1:01:12 PM	55291
Surr: BFB	89.1	75.3-105		%Rec	1	9/21/2020 1:01:12 PM	55291
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	9/21/2020 1:01:12 PM	55291
Toluene	ND	0.048		mg/Kg	1	9/21/2020 1:01:12 PM	55291
Ethylbenzene	ND	0.048		mg/Kg	1	9/21/2020 1:01:12 PM	55291
Xylenes, Total	ND	0.097		mg/Kg	1	9/21/2020 1:01:12 PM	55291
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/21/2020 1:01:12 PM	55291

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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: E.COMP 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 10:16:00 AM
Lab ID: 2009A99-007 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	ND	60		mg/Kg	20	9/24/2020 6:18:24 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	110	9.2		mg/Kg	1	9/22/2020 1:26:12 PM	55297
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/22/2020 1:26:12 PM	55297
Surr: DNOP	91.6	30.4-154		%Rec	1	9/22/2020 1:26:12 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/21/2020 1:24:35 PM	55291
Surr: BFB	86.5	75.3-105		%Rec	1	9/21/2020 1:24:35 PM	55291
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.025		mg/Kg	1	9/21/2020 1:24:35 PM	55291
Toluene	ND	0.050		mg/Kg	1	9/21/2020 1:24:35 PM	55291
Ethylbenzene	ND	0.050		mg/Kg	1	9/21/2020 1:24:35 PM	55291
Xylenes, Total	ND	0.099		mg/Kg	1	9/21/2020 1:24:35 PM	55291
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/21/2020 1:24:35 PM	55291

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 **2009A99**
Date Reported: **9/25/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: W.COMP 0'
Project: Turkey 4 St.2
Collection Date: 9/17/2020 10:13:00 AM
Lab ID: 2009A99-008 **Matrix:** SOIL **Received Date:** 9/18/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**MRA**
Chloride	170	60		mg/Kg	20	9/24/2020 6:30:49 PM	55409
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	25	9.6		mg/Kg	1	9/22/2020 1:35:47 PM	55297
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/22/2020 1:35:47 PM	55297
Surr: DNOP	103	30.4-154		%Rec	1	9/22/2020 1:35:47 PM	55297
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/21/2020 1:48:03 PM	55291
Surr: BFB	90.4	75.3-105		%Rec	1	9/21/2020 1:48:03 PM	55291
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.024		mg/Kg	1	9/21/2020 1:48:03 PM	55291
Toluene	ND	0.049		mg/Kg	1	9/21/2020 1:48:03 PM	55291
Ethylbenzene	ND	0.049		mg/Kg	1	9/21/2020 1:48:03 PM	55291
Xylenes, Total	ND	0.098		mg/Kg	1	9/21/2020 1:48:03 PM	55291
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	9/21/2020 1:48:03 PM	55291

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#: **2009A99**
25-Sep-20

Client: Talon Artesia
Project: Turkey 4 St.2

Sample ID: **MB-55409** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS** Batch ID: **55409** RunNo: **72148**
Prep Date: **9/23/2020** Analysis Date: **9/24/2020** SeqNo: **2529059** Units: **mg/Kg**

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

Sample ID: **LCS-55409** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS** Batch ID: **55409** RunNo: **72148**
Prep Date: **9/23/2020** Analysis Date: **9/24/2020** SeqNo: **2529060** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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#: **2009A99**
25-Sep-20

Client: Talon Artesia
Project: Turkey 4 St.2

Sample ID: **LCS-55297** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **55297** RunNo: **72063**
Prep Date: **9/21/2020** Analysis Date: **9/22/2020** SeqNo: **2524681** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	10	50.00	0	127	70	130			
Surr: DNOP	7.7		5.000		154	30.4	154			

Sample ID: **LCS-55322** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **55322** RunNo: **72063**
Prep Date: **9/21/2020** Analysis Date: **9/22/2020** SeqNo: **2524684** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.0		5.000		80.5	30.4	154			

Sample ID: **LCS-55325** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **55325** RunNo: **72063**
Prep Date: **9/21/2020** Analysis Date: **9/23/2020** SeqNo: **2524685** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		92.7	30.4	154			

Sample ID: **MB-55297** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55297** RunNo: **72063**
Prep Date: **9/21/2020** Analysis Date: **9/22/2020** SeqNo: **2524686** 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	13		10.00		127	30.4	154			

Sample ID: **MB-55322** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55322** RunNo: **72063**
Prep Date: **9/21/2020** Analysis Date: **9/22/2020** SeqNo: **2524688** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.6		10.00		86.2	30.4	154			

Sample ID: **MB-55325** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **55325** RunNo: **72063**
Prep Date: **9/21/2020** Analysis Date: **9/22/2020** SeqNo: **2524689** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.1		10.00		90.9	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#: **2009A99**
25-Sep-20

Client: Talon Artesia
Project: Turkey 4 St.2

Sample ID: **mb-55291**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **55291**	RunNo: **72024**
Prep Date: **9/20/2020**	Analysis Date: **9/21/2020**	SeqNo: **2521835** 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	870		1000		87.3	75.3	105			

Sample ID: **lcs-55291**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **55291**	RunNo: **72024**
Prep Date: **9/20/2020**	Analysis Date: **9/21/2020**	SeqNo: **2521836** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.4	72.5	106			
Surr: BFB	960		1000		96.0	75.3	105			

Sample ID: **2009a99-002ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **S.BG 0'**	Batch ID: **55291**	RunNo: **72024**
Prep Date: **9/20/2020**	Analysis Date: **9/21/2020**	SeqNo: **2521839** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	24.95	0	104	61.3	114			
Surr: BFB	1000		998.0		101	75.3	105			

Sample ID: **2009a99-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **S.BG 0'**	Batch ID: **55291**	RunNo: **72024**
Prep Date: **9/20/2020**	Analysis Date: **9/21/2020**	SeqNo: **2521840** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	24.83	0	106	61.3	114	1.68	20	
Surr: BFB	980		993.0		98.2	75.3	105	0	0	

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#: **2009A99**
25-Sep-20

Client: Talon Artesia
Project: Turkey 4 St.2

Sample ID: **mb-55291** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **55291** RunNo: **72024**
Prep Date: **9/20/2020** Analysis Date: **9/21/2020** SeqNo: **2521851** 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	1.0		1.000		102	80	120			

Sample ID: **LCS-55291** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **55291** RunNo: **72024**
Prep Date: **9/20/2020** Analysis Date: **9/21/2020** SeqNo: **2521852** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.4	80	120			
Toluene	0.93	0.050	1.000	0	93.2	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.1	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID: **2009a99-001ams** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **N.BG 0'** Batch ID: **55291** RunNo: **72024**
Prep Date: **9/20/2020** Analysis Date: **9/21/2020** SeqNo: **2521854** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9970	0	108	76.3	120			
Toluene	1.1	0.050	0.9970	0	113	78.5	120			
Ethylbenzene	1.1	0.050	0.9970	0	115	78.1	124			
Xylenes, Total	3.5	0.10	2.991	0	116	79.3	125			
Surr: 4-Bromofluorobenzene	1.0		0.9970		102	80	120			

Sample ID: **2009a99-001amsd** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **N.BG 0'** Batch ID: **55291** RunNo: **72024**
Prep Date: **9/20/2020** Analysis Date: **9/21/2020** SeqNo: **2521855** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9990	0	102	76.3	120	5.25	20	
Toluene	1.1	0.050	0.9990	0	107	78.5	120	4.67	20	
Ethylbenzene	1.1	0.050	0.9990	0	110	78.1	124	4.68	20	
Xylenes, Total	3.3	0.10	2.997	0	109	79.3	125	5.34	20	
Surr: 4-Bromofluorobenzene	1.0		0.9990		101	80	120	0	0	

Qualifiers:

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

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: 2009A99 RcptNo: 1

Received By: **Cheyenne Cason** 9/18/2020 8:00:00 AM
Completed By: **Juan Rojas** 9/18/2020 9:15:01 AM
Reviewed By: 9/18/20

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: EM 9/18/20

Special Handling (if applicable)

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

Person Notified: _____ Date _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good				

Chain-of-Custody Record

Client: TALON LPE

Mailing Address: 408 W. TEXAS AVE

Phone #: 575-746-8768

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4-DAY
☒ Standard ☐ Rush

Project Name: TURKEY 4 ST. 2

Project #: 100794.362.01

Project Manager: B. SINCLAIR

Sampler: MICHAEL COLLIER

On Ice: ☑ Yes ☐ No

# of Coolers: 3

Cooler Temp(Including CF): See Rmrk

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. 2009A999	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)
9-17-20	10:01	SOIL	N. BG 0'	GLASS 1	ICE/COOL	-001	✓	✓					✓			
	10:07		S. BG 0'			-002										
	10:10		E. BG 0'			-003										
	10:04		W. BG 0'			-004										
	9:58		N. COMP 0'			-005										
	10:19		S. COMP 0'			-006										
	10:11		E. COMP 0'			-007										
	10:13		W. COMP 0'			-008										

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
9/17/20	1215				9/17/20	1215
9/17/20	1900					

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
					9/18/20	0820

Remarks: DIRECT BILL TO DEVON
ATTN: TOM BYNUM
W/O # 20843504

4.9 + 0.1 = 5.0 cm 9/18/20
5.5 + 0.1 = 5.6 cm 9/18/20
2.8 + 0.1 = 2.9 cm 9/18/20
1.8 + 0.1 = 1.9

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

January 26, 2021

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

RE: Turkey 4 State 2 OrderNo.: 2101588

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 3 sample(s) on 1/15/2021 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 **2101588**
Date Reported: **1/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: SW Comp
Project: Turkey 4 State 2
Collection Date: 1/14/2021 9:10:00 AM
Lab ID: 2101588-001 **Matrix:** SOIL **Received Date:** 1/15/2021 7:36:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	160	60		mg/Kg	20	1/18/2021 8:24:11 PM	57587
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/16/2021 5:35:14 PM	57568
Surr: BFB	109	70-130		%Rec	1	1/16/2021 5:35:14 PM	57568
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	12	9.7		mg/Kg	1	1/19/2021 6:38:04 PM	57592
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/19/2021 6:38:04 PM	57592
Surr: DNOP	118	30.4-154		%Rec	1	1/19/2021 6:38:04 PM	57592
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.024		mg/Kg	1	1/16/2021 5:35:14 PM	57568
Toluene	ND	0.049		mg/Kg	1	1/16/2021 5:35:14 PM	57568
Ethylbenzene	ND	0.049		mg/Kg	1	1/16/2021 5:35:14 PM	57568
Xylenes, Total	ND	0.097		mg/Kg	1	1/16/2021 5:35:14 PM	57568
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	1	1/16/2021 5:35:14 PM	57568
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	1/16/2021 5:35:14 PM	57568
Surr: Dibromofluoromethane	105	70-130		%Rec	1	1/16/2021 5:35:14 PM	57568
Surr: Toluene-d8	100	70-130		%Rec	1	1/16/2021 5:35:14 PM	57568

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 **2101588**
Date Reported: **1/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: SE Comp
Project: Turkey 4 State 2
Collection Date: 1/14/2021 9:15:00 AM
Lab ID: 2101588-002 **Matrix:** SOIL **Received Date:** 1/15/2021 7:36:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	210	60		mg/Kg	20	1/18/2021 9:01:25 PM	57587
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/16/2021 7:00:26 PM	57568
Surr: BFB	106	70-130		%Rec	1	1/16/2021 7:00:26 PM	57568
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/19/2021 7:49:45 PM	57592
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/19/2021 7:49:45 PM	57592
Surr: DNOP	110	30.4-154		%Rec	1	1/19/2021 7:49:45 PM	57592
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.025		mg/Kg	1	1/16/2021 7:00:26 PM	57568
Toluene	ND	0.050		mg/Kg	1	1/16/2021 7:00:26 PM	57568
Ethylbenzene	ND	0.050		mg/Kg	1	1/16/2021 7:00:26 PM	57568
Xylenes, Total	ND	0.099		mg/Kg	1	1/16/2021 7:00:26 PM	57568
Surr: 1,2-Dichloroethane-d4	97.1	70-130		%Rec	1	1/16/2021 7:00:26 PM	57568
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	1/16/2021 7:00:26 PM	57568
Surr: Dibromofluoromethane	105	70-130		%Rec	1	1/16/2021 7:00:26 PM	57568
Surr: Toluene-d8	102	70-130		%Rec	1	1/16/2021 7:00:26 PM	57568

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 **2101588**
Date Reported: **1/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: E Comp
Project: Turkey 4 State 2
Collection Date: 1/14/2021 9:20:00 AM
Lab ID: 2101588-003 **Matrix:** SOIL **Received Date:** 1/15/2021 7:36:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **VP**	
Chloride	ND	60		mg/Kg	20	1/18/2021 9:13:49 PM	57587
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/16/2021 8:25:40 PM	57568
Surr: BFB	108	70-130		%Rec	1	1/16/2021 8:25:40 PM	57568
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	18	9.5		mg/Kg	1	1/19/2021 8:13:33 PM	57592
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/19/2021 8:13:33 PM	57592
Surr: DNOP	136	30.4-154		%Rec	1	1/19/2021 8:13:33 PM	57592
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.024		mg/Kg	1	1/16/2021 8:25:40 PM	57568
Toluene	ND	0.049		mg/Kg	1	1/16/2021 8:25:40 PM	57568
Ethylbenzene	ND	0.049		mg/Kg	1	1/16/2021 8:25:40 PM	57568
Xylenes, Total	ND	0.098		mg/Kg	1	1/16/2021 8:25:40 PM	57568
Surr: 1,2-Dichloroethane-d4	98.0	70-130		%Rec	1	1/16/2021 8:25:40 PM	57568
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	1/16/2021 8:25:40 PM	57568
Surr: Dibromofluoromethane	104	70-130		%Rec	1	1/16/2021 8:25:40 PM	57568
Surr: Toluene-d8	102	70-130		%Rec	1	1/16/2021 8:25:40 PM	57568

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#: **2101588**

26-Jan-21

Client: Talon Artesia

Project: Turkey 4 State 2

Sample ID: **MB-57587**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **57587**	RunNo: **74690**							
Prep Date: **1/18/2021**	Analysis Date: **1/18/2021**	SeqNo: **2636028**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-57587**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **57587**	RunNo: **74690**							
Prep Date: **1/18/2021**	Analysis Date: **1/18/2021**	SeqNo: **2636029**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	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#: **2101588**
26-Jan-21

Client: Talon Artesia
Project: Turkey 4 State 2

Sample ID: **2101588-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **SW Comp** Batch ID: **57592** RunNo: **74729**
Prep Date: **1/18/2021** Analysis Date: **1/19/2021** SeqNo: **2637390** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	65	9.7	48.64	12.13	108	15	184			
Surr: DNOP	5.8		4.864		120	30.4	154			

Sample ID: **2101588-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **SW Comp** Batch ID: **57592** RunNo: **74729**
Prep Date: **1/18/2021** Analysis Date: **1/19/2021** SeqNo: **2637391** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	65	10	49.85	12.13	106	15	184	0.0807	23.9	
Surr: DNOP	5.7		4.985		114	30.4	154	0	0	

Sample ID: **LCS-57592** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **57592** RunNo: **74729**
Prep Date: **1/18/2021** Analysis Date: **1/19/2021** SeqNo: **2637435** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	63	10	50.00	0	125	68.9	141			
Surr: DNOP	6.3		5.000		125	30.4	154			

Sample ID: **MB-57592** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **57592** RunNo: **74729**
Prep Date: **1/18/2021** Analysis Date: **1/19/2021** SeqNo: **2637438** 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	14		10.00		144	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#: **2101588**
26-Jan-21

Client: Talon Artesia
Project: Turkey 4 State 2

Sample ID: **mb-57568** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **57568** RunNo: **74670**
Prep Date: **1/15/2021** Analysis Date: **1/16/2021** SeqNo: **2635273** 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	0.47		0.5000		93.5	70	130			
Surr: 4-Bromofluorobenzene	0.51		0.5000		102	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		105	70	130			
Surr: Toluene-d8	0.49		0.5000		98.3	70	130			

Sample ID: **lcs-57568** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **57568** RunNo: **74670**
Prep Date: **1/15/2021** Analysis Date: **1/16/2021** SeqNo: **2635274** 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	110	80	120			
Toluene	1.1	0.050	1.000	0	112	80	120			
Ethylbenzene	1.1	0.050	1.000	0	112	80	120			
Xylenes, Total	3.5	0.10	3.000	0	117	80	120			
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		102	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		101	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		104	70	130			
Surr: Toluene-d8	0.50		0.5000		99.4	70	130			

Sample ID: **2101588-001ams** SampType: **MS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **SW Comp** Batch ID: **57568** RunNo: **74670**
Prep Date: **1/15/2021** Analysis Date: **1/16/2021** SeqNo: **2635276** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9960	0	109	71.1	115			
Toluene	1.1	0.050	0.9960	0	113	79.6	132			
Ethylbenzene	1.1	0.050	0.9960	0	113	83.8	134			
Xylenes, Total	3.6	0.10	2.988	0	119	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.47		0.4980		94.7	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.4980		101	70	130			
Surr: Dibromofluoromethane	0.53		0.4980		107	70	130			
Surr: Toluene-d8	0.51		0.4980		102	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#: **2101588**
26-Jan-21

Client: Talon Artesia
Project: Turkey 4 State 2

Sample ID: **2101588-001amsd** SampType: **MSD4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **SW Comp** Batch ID: **57568** RunNo: **74670**
Prep Date: **1/15/2021** Analysis Date: **1/16/2021** SeqNo: **2635277** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9862	0	109	71.1	115	1.53	20	
Toluene	1.1	0.049	0.9862	0	112	79.6	132	1.59	20	
Ethylbenzene	1.1	0.049	0.9862	0	114	83.8	134	0.305	20	
Xylenes, Total	3.5	0.099	2.959	0	119	82.4	132	1.09	20	
Surr: 1,2-Dichloroethane-d4	0.48		0.4931		97.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.47		0.4931		96.0	70	130	0	0	
Surr: Dibromofluoromethane	0.55		0.4931		112	70	130	0	0	
Surr: Toluene-d8	0.50		0.4931		101	70	130	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2101588**

26-Jan-21

Client: Talon Artesia

Project: Turkey 4 State 2

Sample ID: **mb-57568**	SampType: **MBLK**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS**	Batch ID: **57568**	RunNo: **74670**
Prep Date: **1/15/2021**	Analysis Date: **1/16/2021**	SeqNo: **2635301** 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	530		500.0		106	70	130			

Sample ID: **lcs-57568**	SampType: **LCS**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS**	Batch ID: **57568**	RunNo: **74670**
Prep Date: **1/15/2021**	Analysis Date: **1/16/2021**	SeqNo: **2635302** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.2	70	130			
Surr: BFB	530		500.0		105	70	130			

Sample ID: **2101588-002ams**	SampType: **MS**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **SE Comp**	Batch ID: **57568**	RunNo: **74670**
Prep Date: **1/15/2021**	Analysis Date: **1/16/2021**	SeqNo: **2635305** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	24.75	0	94.3	49.2	122			
Surr: BFB	520		495.0		106	70	130			

Sample ID: **2101588-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **SE Comp**	Batch ID: **57568**	RunNo: **74670**
Prep Date: **1/15/2021**	Analysis Date: **1/16/2021**	SeqNo: **2635306** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.9	24.49	0	82.7	49.2	122	14.2	20	
Surr: BFB	520		489.7		106	70	130	0	0	

Qualifiers:

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

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: **2101588** RcptNo: **1**

Received By: **Isaiah Ortiz** **1/15/2021 7:36:00 AM** I-Ox

Completed By: **Isaiah Ortiz** **1/15/2021 8:06:33 AM** I-Ox

Reviewed By: SGL 1/15/21

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: JR 1/15/21

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	0.3	Good	Not Present			

Chain-of-Custody Record

Client: Talon LPE
4078 W Texas
Mailing Address: Artesia NM
Phone #: 575-748-1288
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☑ Rush 4 day
Project Name: Turkey Foot State 2
Project #:
Project Manager: Rebecca Ponds
Sampler: Rebecca Ponds
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 0.3°C ±0 (°C)

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2101588	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)
1/14	0910		SW Comp	Tedlar	Ice	001	✓	✓					✓			
	0915		SE Comp	✓	✓	002	✓	✓					✓			
	0920		E. Comp	✓	✓	003	✓	✓					✓			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
1/14	1430	R Ponds	A Cummings		1/14/21	1130
1/14/21	1900	A Cummings	In Courier		1/15/21	0736

Remarks: email R Ponds@talonlpe.com
Bill Olson

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 20539

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
TALON LPE 408 W Texas Artesia, NM88210	329944	20539	C-141

OCD Reviewer	Condition
chensley	None