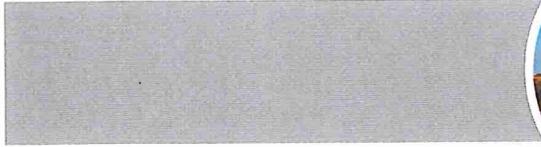


G5WLO-191125-C-1410



talonlpe.com • 866.742.0742



Soil Assessment and Remediation Work Plan

Smalls Federal #001H
API # 30-025-43001
Talon Project # 700778.123.01

Prepared For:

COG Operating LLC
600 W Illinois Ave
Midland, TX 79701-4882

Prepared By:

TALON/LPE
408 W. Texas Avenue
Artesia, NM 88210

November 19, 2019

NMOCD District 1
1625 N. French Drive
Hobbs, NM 88240

Mr. Jim Amos
Bureau of Land Management
602 E. Green Street
Carlsbad, NM 88220

Mr. Ryan Mann
New Mexico State Land Office
2827 N. Dal Paso, Suite 117
Hobbs, NM 88240

Subject: **Soil Assessment and Remediation Work Plan**
Smalls Federal #001H
Lea County, New Mexico
API # 30-025-43001

COG Operating LLC (COG) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities are contained herein.

Site Information

Smalls Federal #001H is located approximately thirty-three (33) miles southwest of Hobbs, New Mexico. The legal location for this release is Unit Letter J, Section 09, Township 23 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.317139 North and -103.472853 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Ratliff-Wink fine sandy loams. 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 and piedmont deposits. Drainage courses in this area are typically dry.

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 200-feet below ground surface (BGS). See [Appendix II](#) for the referenced groundwater depth.

Site Characterization

Pursuant to Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 of the New Mexico Administrative Code (NMAC), 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.

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

This release did not occur within any of these areas and the depth to groundwater exceeds 100-feet BGS. Based upon the analytical data collected for this subsurface investigation, the impacts from this release are below NMOCD remediation closure criteria. However, analytical data indicates chloride concentrations in excess of 600 mg/kg. As such, the upper 4-feet of this area will be restored to levels set forth in Table 1, 19.15.29 NMAC closure criteria. Therefore the reclamation closure criteria for this site will be as follows:

| Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS | Constituent | Method | Limit |
|---|-------------------|----------------------------------|-----------|
| ≤ 50 feet | Chloride | 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 June 9, 2019, twenty (20) barrels (bbls) of produced water were released from a hole in the flow line. Fifteen (15) bbls were recovered using a vacuum truck. The initial C-141 is attached in [Appendix III](#). The flow path extends approximately 750 feet in length by 4-8 feet wide and flows through a bar ditch adjacent to a county maintained roadway. The impacted area is illustrated on the attached site plans ([Appendix I](#)).

Site Assessment

On June 14, 2019, Talon mobilized personnel to begin the site assessment and soil sampling activities for the construction of a work plan. Grab soil samples were collected within and around the impacted area utilizing a hand auger. Results from our initial sampling event are presented in the following data table. A complete laboratory report can be found in [Appendix IV](#).

June 14, 2019 Sampling Event

| Sample ID | Depth (ft.) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
|---|-------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| Closure Criteria 19.15.29.12 NMAC | | 50 mg/kg | 10 mg/kg | | | | 100 mg/kg | 600 mg/kg |
| BG-1 | 0-1 | ND | ND | ND | ND | ND | 0 | ND |
| BG-2 | 0-1 | ND | ND | ND | ND | ND | 0 | 80 |
| BG-3 | 0-1 | ND | ND | ND | ND | ND | 0 | ND |
| S-1 | 0 | ND | ND | ND | ND | ND | 0 | ND |
| S-2 | 0 | ND | ND | ND | ND | ND | 0 | ND |
| | 1 | ND | ND | ND | ND | ND | 0 | 1880 |
| | 2 | ND | ND | ND | ND | ND | 0 | 32 |
| | 3 | ND | ND | ND | ND | ND | 0 | 32 |
| | 4 | ND | ND | ND | ND | ND | 0 | 32 |
| S-3 | 0 | ND | ND | ND | ND | ND | 0 | ND |
| | 1 | ND | ND | ND | ND | ND | 0 | ND |
| S-4 | 0 | ND | ND | ND | ND | ND | 0 | 7600 |
| | 1 | ND | ND | ND | ND | ND | 0 | 4000 |
| | 2 | ND | ND | ND | ND | ND | 0 | 4000 |
| | 3 | ND | ND | ND | ND | ND | 0 | 3360 |
| | 4 | ND | ND | ND | ND | ND | 0 | 384 |
| S-5 | 0 | ND | ND | ND | ND | ND | 0 | 4400 |
| S-6 | 0 | ND | ND | ND | ND | ND | 0 | 64 |
| S-7 | 0 | ND | ND | ND | ND | ND | 0 | 3040 |
| | 1 | ND | ND | ND | ND | ND | 0 | 2280 |
| | 2 | ND | ND | ND | ND | ND | 0 | 3760 |
| S-8 | 0 | ND | ND | ND | ND | ND | 0 | 2600 |
| S-9 | 0 | ND | ND | ND | ND | ND | 0 | 192 |
| S-10 | 0 | ND | ND | ND | ND | ND | 0 | 4400 |
| S-11 | 0 | ND | ND | ND | ND | ND | 0 | 4240 |
| S-12 | 0 | ND | ND | ND | ND | ND | 0 | 48 |
| S-13 | 0 | ND | ND | ND | ND | ND | 0 | 3360 |
| | 1 | ND | ND | ND | ND | ND | 0 | 3600 |
| | 2 | ND | ND | ND | ND | ND | 0 | 3600 |
| | 3 | ND | ND | ND | ND | ND | 0 | 4000 |
| | 4 | ND | ND | ND | ND | ND | 0 | 496 |
| S-14 | 0 | ND | ND | ND | ND | ND | 0 | 16 |
| S-15 | 0 | ND | ND | ND | ND | ND | 0 | ND |

| Sample ID | Depth (ft.) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
|-----------------------------------|-------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| Closure Criteria 19.15.29.12 NMAC | | 50 mg/kg | 10 mg/kg | | | | 100 mg/kg | 600 mg/kg |
| S-16 | 0 | ND | ND | ND | ND | ND | 0 | 4960 |
| | 1 | ND | ND | ND | ND | ND | 0 | 3520 |
| | 2 | ND | ND | ND | ND | ND | 0 | 5840 |
| | 3 | ND | ND | ND | ND | ND | 0 | 64 |
| | 4 | ND | ND | ND | ND | ND | 0 | 48 |
| S-17 | 0 | ND | ND | ND | ND | ND | 0 | 2040 |
| S-18 | 0 | ND | ND | ND | ND | ND | 0 | 32 |
| S-19 | 0 | ND | ND | ND | 285 | 97.9 | 382.9 | 3600 |
| | 1 | ND | ND | ND | ND | ND | 0 | 3000 |
| | 2 | ND | ND | ND | ND | ND | 0 | 768 |
| | 3 | ND | ND | ND | ND | ND | 0 | 160 |
| | 4 | ND | ND | ND | ND | ND | 0 | 208 |
| S-20 | 0 | ND | ND | ND | ND | ND | 0 | 400 |
| S-21 | 0 | ND | ND | ND | ND | ND | 0 | 2520 |
| S-22 | 0 | ND | ND | ND | ND | ND | 0 | 4880 |
| | 1 | ND | ND | ND | ND | ND | 0 | 2480 |
| | 2 | ND | ND | ND | ND | ND | 0 | 2400 |
| | 3 | ND | ND | ND | ND | ND | 0 | 3400 |
| | 4 | ND | ND | ND | ND | ND | 0 | 176 |
| S-23 | 0 | ND | ND | ND | ND | ND | 0 | 48 |
| S-24 | 0 | ND | ND | ND | ND | ND | 0 | 16 |
| S-25 | 0 | ND | ND | ND | ND | ND | 0 | 416 |

ND= Not Detected

NT= Not Tested

On September 3, 2019, Talon personnel utilized a Geoprobe rig to further vertically delineate those points at which chloride concentrations were still found to be greater than 600 mg/kg. The analytical results from this sampling event can be found in the following data table:

September 3, 2019 Sampling Event

| Sample ID | Depth (ft.) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
|---|-------------|------------|---------------|-----------|-----------|-----------|-----------------|-----------|
| Closure Criteria 19.15.29.12 NMAC | | 50 mg/kg | 10 mg/kg | | | | 100 mg/kg | 600 mg/kg |
| S-5 | 1 | NT | NT | NT | NT | NT | 0 | 32 |
| | 2 | NT | NT | NT | NT | NT | 0 | 16 |
| | 3 | NT | NT | NT | NT | NT | 0 | 64 |
| | 4 | NT | NT | NT | NT | NT | 0 | 496 |
| S-7 | 3 | NT | NT | NT | NT | NT | 0 | 2040 |
| | 4 | NT | NT | NT | NT | NT | 0 | 3840 |
| | 5 | NT | NT | NT | NT | NT | 0 | 304 |
| | 6 | NT | NT | NT | NT | NT | 0 | 32 |
| S-8 | 1 | NT | NT | NT | NT | NT | 0 | 64 |
| | 2 | NT | NT | NT | NT | NT | 0 | 32 |
| | 3 | NT | NT | NT | NT | NT | 0 | 32 |
| | 4 | NT | NT | NT | NT | NT | 0 | 208 |
| | 5 | NT | NT | NT | NT | NT | 0 | 64 |
| S-10 | 2 | NT | NT | NT | NT | NT | 0 | 1580 |
| | 3 | NT | NT | NT | NT | NT | 0 | 1330 |
| | 4 | NT | NT | NT | NT | NT | 0 | 32 |
| | 5 | NT | NT | NT | NT | NT | 0 | 288 |
| S-17 | 1 | NT | NT | NT | NT | NT | 0 | 176 |
| | 2 | NT | NT | NT | NT | NT | 0 | 592 |
| | 3 | NT | NT | NT | NT | NT | 0 | 1260 |
| | 4 | NT | NT | NT | NT | NT | 0 | 752 |
| | 5 | NT | NT | NT | NT | NT | 0 | 128 |
| S-21 | 1 | NT | NT | NT | NT | NT | 0 | 16 |
| | 2 | NT | NT | NT | NT | NT | 0 | ND |
| | 3 | NT | NT | NT | NT | NT | 0 | 32 |
| | 4 | NT | NT | NT | NT | NT | 0 | 32 |
| | 5 | NT | NT | NT | NT | NT | 0 | 528 |
| | 7 | NT | NT | NT | NT | NT | 0 | 1710 |
| | 9 | NT | NT | NT | NT | NT | 0 | 2800 |
| | 11 | NT | NT | NT | NT | NT | 0 | 3240 |
| | 13 | NT | NT | NT | NT | NT | 0 | 336 |
| 15 | NT | NT | NT | NT | NT | 0 | 16 | |

A final sampling event was carried out on November 3, 2019, to confirm the horizontal boundaries of the proposed excavation. The analytical results are summarized below:

November 12, 2019 Sampling Event

| Sample ID | Depth (ft.) | BTEX (mg/kg) | Benzene (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | Total TPH (mg/kg) | Cl (mg/kg) |
|---|-------------|--------------|-----------------|-------------|-------------|-------------|-------------------|------------|
| Closure Criteria 19.15.29.12 NMAC | | 50 mg/kg | 10 mg/kg | | | | 100 mg/kg | 600 mg/kg |
| S-26 | 0-1 | NT | NT | NT | NT | NT | 0 | 16 |
| | 2 | NT | NT | NT | NT | NT | 0 | 16 |
| | 3 | NT | NT | NT | NT | NT | 0 | 16 |
| S-27 | 0-1 | NT | NT | NT | NT | NT | 0 | 16 |
| S-28 | 0-1 | NT | NT | NT | NT | NT | 0 | ND |
| S-29 | 0-1 | NT | NT | NT | NT | NT | 0 | 16 |
| S-29 | 2 | NT | NT | NT | NT | NT | 0 | ND |

ND= Not Detected

NT= Not Tested

Proposed Remedial Actions

- Traffic control measures (signs, barrels, cones and flagmen) will be utilized to ensure the safety of field personnel. Remediation activities will be carried out with diligence and extreme care due to safety concerns while excavating near a roadway.
- The impacted area near sample location S-2 at the south end of the flow path will be excavated to a depth of 2.0-feet BGS. Proposed excavation area maps are attached in [Appendix I](#).
- The areas in the vicinity of sample points S-16 and S-19 will be excavated to 3.0-feet BGS.
- The areas near sample points S-4, S-7, S-10, S-11, S-13, S-17 and S-22 will be excavated to 4.0-feet BGS.
- Soil samples were collected approximately every 200 square feet and the impacted area is vertically delineated to below 600 mg/kg. Due to safety concerns we recommend that no final laboratory confirmation sampling be required. We propose to backfill each day based upon the results of our field chloride titrations to minimize the amount of time personnel are exposed to nearby traffic and avoid potential overnight traffic hazards of an open excavation.
- The excavated areas will be backfilled either with new caliche or topsoil dependent upon which material was removed. Once the backfilling activities are complete the work area will be machine compacted and contoured to match the surrounding location.
- All of the excavated material (approximately 880 yards) will be hauled to a NMOCD approved solid waste disposal facility.
- The work area will be seeded with State Sandy Loam (SL) seed mixture at the prescribed rate.

Closure

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



Brandon Sinclair
Environmental Scientist



David J. Adkins
District Manager

Attachments:

Appendix I Site Maps

Appendix II Soil Survey, Groundwater Data & FEMA Flood Map

Appendix III Initial C-141

Appendix IV Laboratory Data



APPENDIX I

SITE MAPS

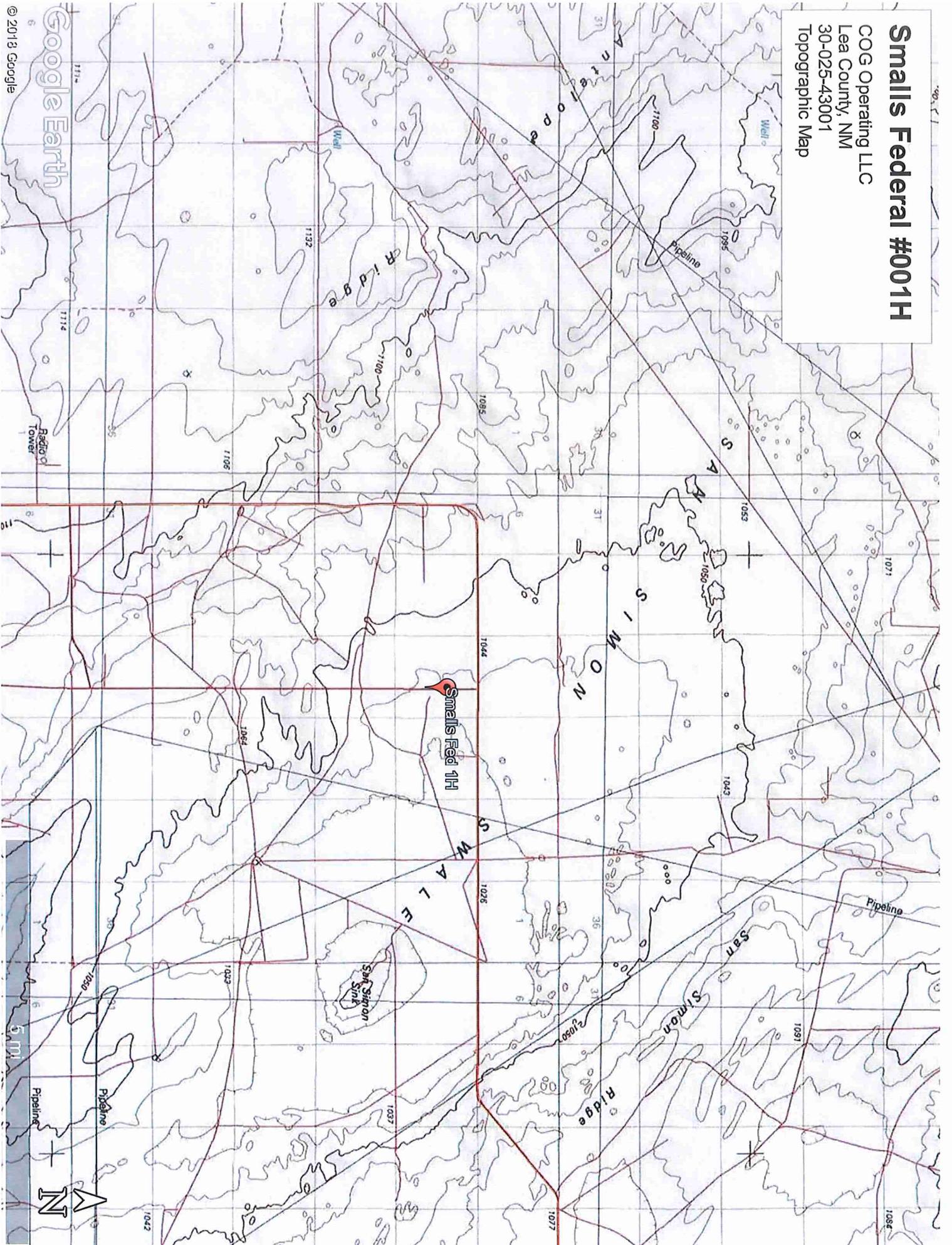
Smalls Federal #001H
COG Operating LLC
Lea County, NM
30-025-43001
Locator Map



Google Earth

© 2018 Google
Image Landsat / Copernicus

Smalls Federal #001H
 COG Operating LLC
 Lea County, NM
 30-025-43001
 Topographic Map



Google Earth
 © 2019 Google

Smalls Federal #001H
COG Operating LLC
Lea County, NM
30-025-43001
Karst Map

Legend
High
Low
Medium

Smalls Fed 1H

Google Earth
Image Landsat / Copernicus

10 mi



Smalls Federal #001H
 COG Operating LLC
 Lea County, NM
 30-025-43001
 Site Overview Map



Google Earth

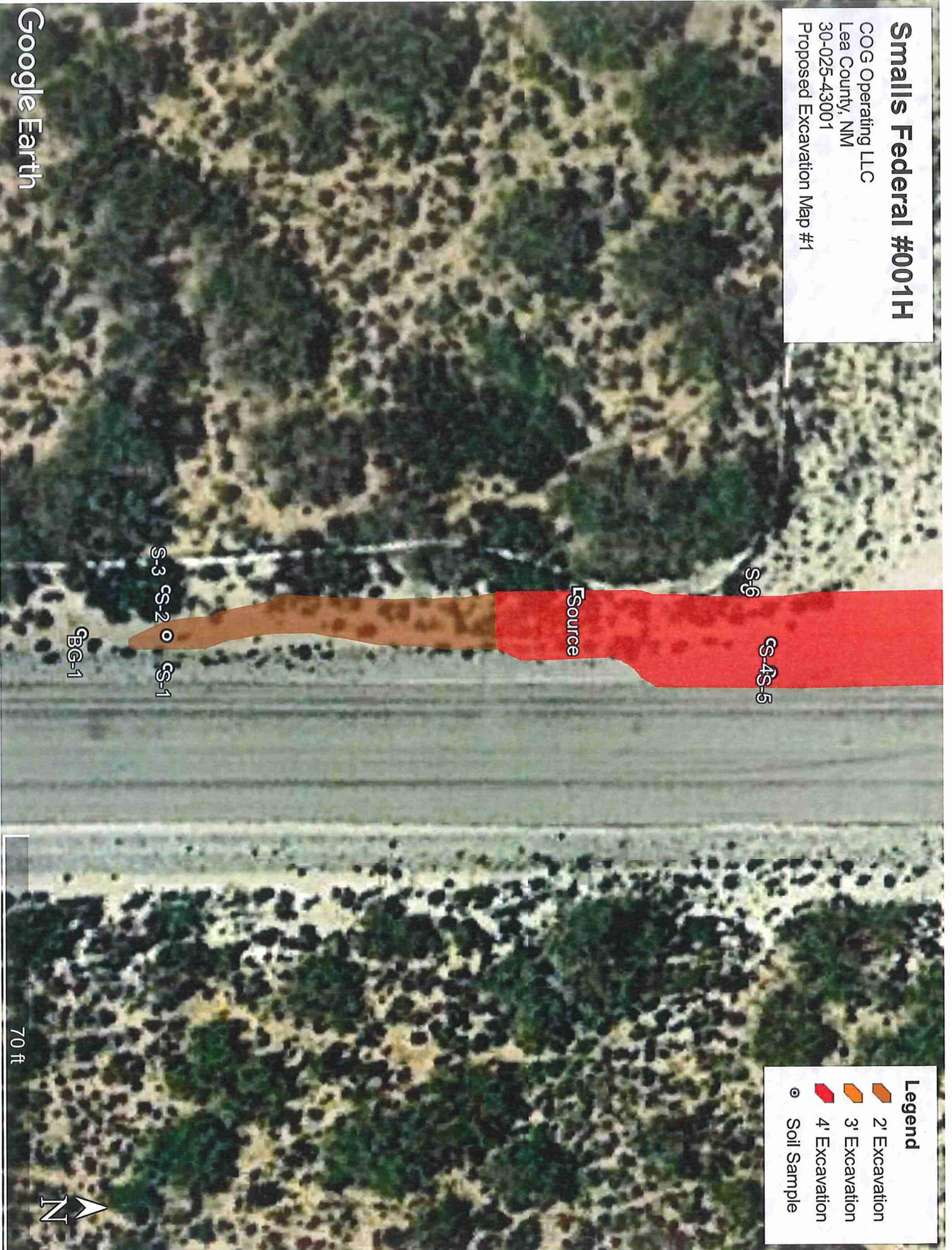
Legend

-  2' Excavation
-  3' Excavation
-  4' Excavation
-  Soil Sample

300 ft



Smalls Federal #001H
 COG Operating LLC
 Lea County, NM
 30-025-43001
 Proposed Excavation Map #1



Google Earth

Legend

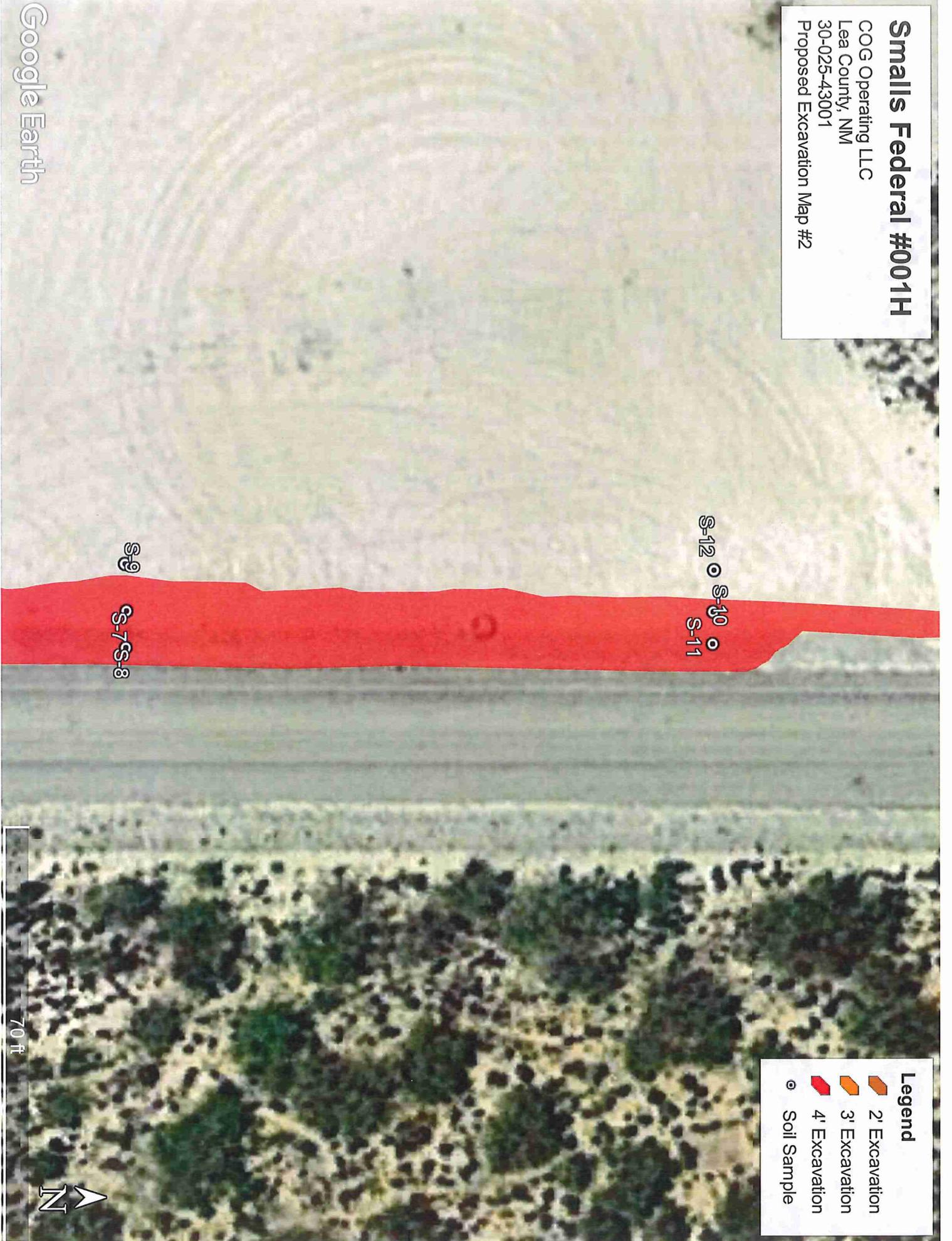
-  2' Excavation
-  3' Excavation
-  4' Excavation
-  Soil Sample

70 ft



Smalls Federal #001H
 COG Operating LLC
 Lea County, NM
 30-025-43001
 Proposed Excavation Map #2

Google Earth



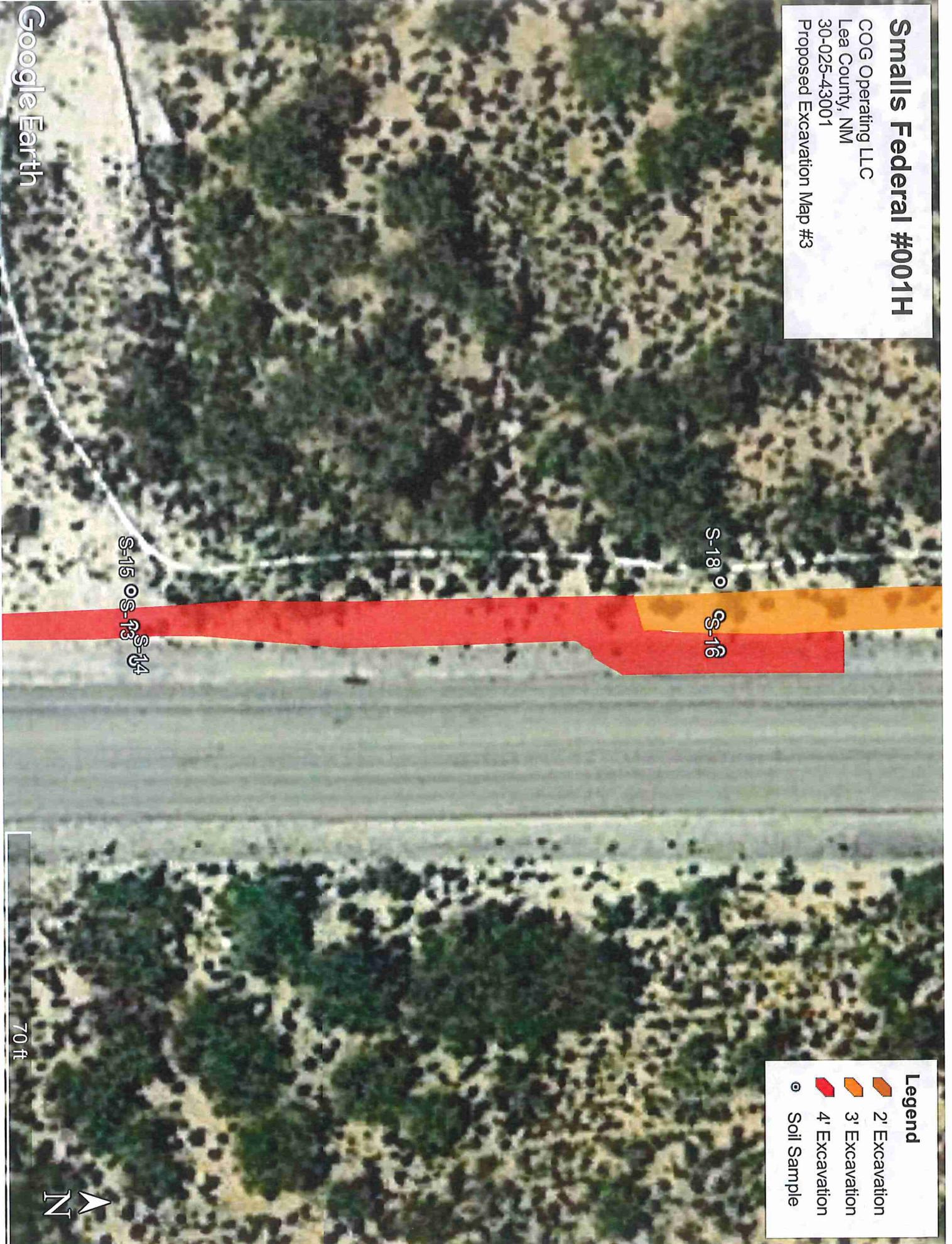
Legend

-  2' Excavation
-  3' Excavation
-  4' Excavation
-  Soil Sample

70 ft



Smalls Federal #001H
 COG Operating LLC
 Lea County, NM
 30-025-43001
 Proposed Excavation Map #3



Legend

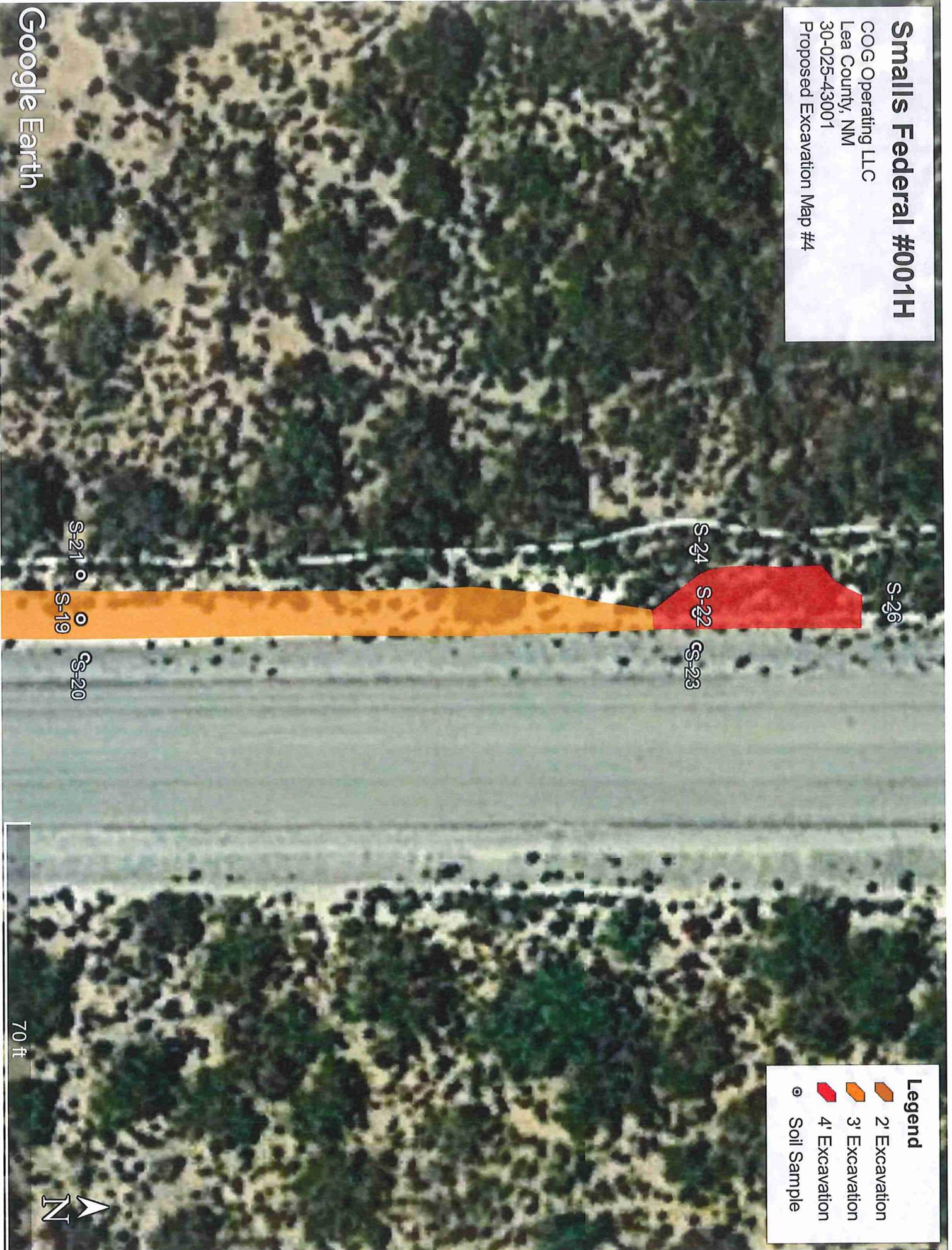
- 2' Excavation
- 3' Excavation
- 4' Excavation
- Soil Sample

70 ft



Google Earth

Smalls Federal #001H
 COG Operating LLC
 Lea County, NM
 30-025-43001
 Proposed Excavation Map #4



Google Earth

- Legend**
-  2' Excavation
 -  3' Excavation
 -  4' Excavation
 -  Soil Sample

70 ft





APPENDIX II

SOIL SURVEY

GROUNDWATER DATA

FEMA FLOOD MAP

Map Unit Description: Ratliff-Wink fine sandy loams---Lea County, New Mexico

Lea County, New Mexico

MN—Ratliff-Wink fine sandy loams

Map Unit Setting

National map unit symbol: dmqf
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

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

Description of Ratliff

Setting

Landform: Plains
Landform position (three-dimensional): Dip
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Calcareous alluvium and/or calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 4 inches: fine sandy loam
Bw - 4 to 22 inches: clay loam
Bk - 22 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural 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 in profile: 50 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: Moderate (about 8.1 inches)

Map Unit Description: Ratliff-Wink fine sandy loams---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 6c
Hydrologic Soil Group: B
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Description of Wink

Setting

Landform: Plains
Landform position (three-dimensional): Dip
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Calcareous sandy alluvium and/or calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: fine sandy loam
Bk - 12 to 23 inches: sandy loam
Bck - 23 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High
 (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 30 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: Sandy (R042XC004NM)
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 6 percent
Ecological site: Sandhills (R042XC022NM)
Hydric soil rating: No

Map Unit Description: Ratliff-Wink fine sandy loams---Lea County, New Mexico

Maljamar

Percent of map unit: 5 percent

Ecological site: Loamy Sand (R042XC003NM)

Hydric soil rating: No

Palomas

Percent of map unit: 4 percent

Ecological site: Loamy Sand (R042XC003NM)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 16, Sep 15, 2019



New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

| POD Number | POD Code | Sub-basin | County | Q | Q | Q | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column | | |
|-------------------------------|----------|-----------|--------|----|---|----|-----|-----|--------|---------|------|----------|-----------|------------|--------------|-----|-----|
| CP 01730 POD1 | CP | LE | 64 | 16 | 4 | 2 | 2 | 1 | 16 | 23S | 34E | 643549 | 3575824 | 815 | 594 | 200 | 394 |
| CP 01502 POD2 | CP | LE | 4 | 3 | 3 | 05 | 23S | 34E | 642074 | 3577676 | 1989 | 680 | 300 | 380 | | | |
| CP 00556 POD1 | CP | LE | 4 | 4 | 3 | 08 | 23S | 34E | 641762 | 3576206 | 2034 | 497 | 255 | 242 | | | |

Average Depth to Water: **251 feet**
Minimum Depth: **200 feet**
Maximum Depth: **300 feet**

Record Count:3

UTMNAD83 Radius Search (in meters):

Easting (X): 643755.85

Northing (Y): 3576613.36

Radius: 2500

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/30/19 12:22 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

National Flood Hazard Layer FIRMeTte



32°19'16.90"N



Legend

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

SPECIAL FLOOD HAZARD AREAS

| | |
|--|--|
| | Without Base Flood Elevation (BFE) Zone A, V, AE9 |
| | With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway |

0.2% Annual Chance Flood Hazard. Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile (Zone X)

Future Conditions 1% Annual Chance Flood Hazard (Zone X)

Area with Reduced Flood Risk due to Levee. See Notes. Zone X

OTHER AREAS OF FLOOD HAZARD

Area with Flood Risk due to Levee (Zone D)

Area of Minimal Flood Hazard (Zone X)
Effective LOMRS

OTHER AREAS

Area of Undetermined Flood Hazard (Zone X)

GENERAL STRUCTURES

Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance Water Surface Elevation

Coastal Transect
Base Flood Elevation Line (BFE)

Limit of Study
Jurisdiction Boundary

Coastal Transect Baseline
Profile Baseline

Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **9/30/2019 at 2:31:40 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Zone D

Designation on National Flood Insurance Program maps used for areas where there are possible, but undetermined, flood hazards. In areas designated as Zone D, no analysis of flood hazards has been conducted. Mandatory flood insurance purchase requirements do not apply, but coverage is available. The flood insurance rates for properties in Zone D are commensurate with the uncertainty of the flood risk.

Zone V

The flood insurance rate zone that corresponds to the 100-year coastal floodplains that have additional hazards associated with storm waves. Because approximate hydraulic analyses are performed for such areas, no Base Flood Elevations are shown within this zone. Mandatory flood insurance purchase requirements apply.

Zone VE

The flood insurance rate zone that corresponds to the 100-year coastal floodplains that have additional hazards associated with storm waves. Base Flood Elevations derived from the detailed hydraulic analyses are shown at selected intervals within this zone. Mandatory flood insurance purchase requirements apply.

Zone B, C, and X

Zones B, C, and X are the flood insurance rate zones that correspond to areas outside the 100-year floodplains, areas of 100-year sheet flow flooding where average depths are less than 1 foot, areas of 100-year stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 100-year flood by levees. No Base Flood Elevations or depths are shown within this zone.



APPENDIX III

INITIAL 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

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

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

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | | | |
|-------------------------|--|------------------------------|----------------|
| Responsible Party | COG Operating, LLC | OGRID | 229137 |
| Contact Name | Jennifer Knowlton | Contact Telephone | (575) 748-1570 |
| Contact email | JKnowlton@concho.com | Incident # (assigned by OCD) | |
| Contact mailing address | 600 West Illinois Avenue, Midland, Texas 79701 | | |

Location of Release Source

Latitude 32.31665 Longitude -103.47247
(NAD 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|----------------------|----------------------|--------------|
| Site Name | Smalls Federal #001H | Site Type | Tank Battery |
| Date Release Discovered | June 9, 2019 | API# (if applicable) | |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| J | 09 | 23S | 34E | Lea |

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

| | | |
|--|--|---|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 20 | Volume Recovered (bbls) 15 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

The release was caused by a hole in the flowline. The flowline is being repaired. The release was in the pasture, in the bar ditch and on the pad. A vacuum truck was dispatched to remove all freestanding fluids. Concho will evaluate the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

Initial Response

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

| |
|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. |
| If all the actions described above have <u>not</u> been undertaken, explain why: |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |
| Printed Name: <u>DeAnn Grant</u> Title: <u>HSE Administrative Assistant</u> Signature: <u><i>DeAnn Grant</i></u> Date: <u>6/20/2019</u> email: <u>agrants@concho.com</u> Telephone: <u>(432) 253-4513</u> |
| <u>OCD Only</u> Received by: _____ Date: _____ |



APPENDIX IV

LABORATORY DATA



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

June 21, 2019

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: SMALLS FED #001H

Enclosed are the results of analyses for samples received by the laboratory on 06/17/19 13:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: BG - 1 0-1' (H902080-01)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.97 | 98.5 | 2.00 | 2.13 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.96 | 97.8 | 2.00 | 3.33 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.86 | 93.0 | 2.00 | 3.64 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.65 | 94.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/19/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.6 % 41-142

Surrogate: 1-Chlorooctadecane 91.2 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: BG - 2 0-1' (H902080-02)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 06/19/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.8 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: BG - 3 0-1' (H902080-03)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/19/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 1 0' (H902080-04)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/19/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/17/2019
 Reported: 06/21/2019
 Project Name: SMALLS FED #001H
 Project Number: 700778.123.01
 Project Location: COG - LEA CO NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S- 2 0' (H902080-05)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PII) 105 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/19/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 41-142

Surrogate: 1-Chlorooctadecane 109 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 2 1' (H902080-06)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1880 | 16.0 | 06/19/2019 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 106 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 2 2' (H902080-07)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | QR-03 |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 103 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 2 3' (H902080-08)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 41-142

Surrogate: 1-Chlorooctadecane 116 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 2 4' (H902080-09)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 41-142

Surrogate: 1-Chlorooctadecane 112 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 3 0' (H902080-10)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 41-142

Surrogate: 1-Chlorooctadecane 113 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 3 1' (H902080-11)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 116 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 4 0' (H902080-12)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 7600 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 192 | 95.8 | 200 | 1.04 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 184 | 91.9 | 200 | 0.0484 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 112 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 4 1' (H902080-13)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4000 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 41-142

Surrogate: 1-Chlorooctadecane 90.2 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 4 2' (H902080-14)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4000 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.4 % 41-142

Surrogate: 1-Chlorooctadecane 89.9 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 4 3' (H902080-15)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PII) 109 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3360 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.2 % 41-142

Surrogate: 1-Chlorooctadecane 88.6 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 4 4' (H902080-16)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.1 % 41-142

Surrogate: 1-Chlorooctadecane 90.8 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 5 0' (H902080-17)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4400 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.2 % 41-142

Surrogate: 1-Chlorooctadecane 79.8 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 6 0' (H902080-18)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.4 % 41-142

Surrogate: 1-Chlorooctadecane 87.4 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 7 0' (H902080-19)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3040 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.3 % 41-142

Surrogate: 1-Chlorooctadecane 87.7 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 7 1' (H902080-20)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2280 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.3 % 41-142

Surrogate: 1-Chlorooctadecane 85.2 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 7 2' (H902080-21)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.90 | 94.8 | 2.00 | 1.12 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.4 | 2.00 | 0.0398 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.80 | 89.9 | 2.00 | 0.402 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.53 | 92.1 | 6.00 | 0.285 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3760 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.6 % 41-142

Surrogate: 1-Chlorooctadecane 89.0 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 8 0' (H902080-22)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | QR-03 |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2600 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.2 % 41-142

Surrogate: 1-Chlorooctadecane 84.7 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 9 0' (H902080-23)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.4 % 41-142

Surrogate: 1-Chlorooctadecane 88.4 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 10 0' (H902080-24)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 104 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4400 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.9 % 41-142

Surrogate: 1-Chlorooctadecane 88.3 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 11 0' (H902080-25)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4240 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.4 % 41-142

Surrogate: 1-Chlorooctadecane 83.6 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 12 0' (H902080-26)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.5 % 41-142

Surrogate: 1-Chlorooctadecane 86.9 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 13 0' (H902080-27)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3360 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | QM-07 |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 67.9 % 41-142

Surrogate: 1-Chlorooctadecane 69.9 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 13 1' (H902080-28)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3600 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.4 % 41-142

Surrogate: 1-Chlorooctadecane 87.4 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 13 2' (H902080-29)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3600 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.0 % 41-142

Surrogate: 1-Chlorooctadecane 90.9 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 13 3' (H902080-30)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4000 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.8 % 41-142

Surrogate: 1-Chlorooctadecane 89.6 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 13 4' (H902080-31)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 496 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 41-142

Surrogate: 1-Chlorooctadecane 88.7 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 14 0' (H902080-32)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 206 | 103 | 200 | 3.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 239 | 119 | 200 | 8.72 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.7 % 41-142

Surrogate: 1-Chlorooctadecane 83.8 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 15 0' (H902080-33)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.9 % 41-142

Surrogate: 1-Chlorooctadecane 83.4 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 16 0' (H902080-34)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PII) 103 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4960 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.3 % 41-142

Surrogate: 1-Chlorooctadecane 89.7 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 16 1' (H902080-35)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3520 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.2 % 41-142

Surrogate: 1-Chlorooctadecane 95.9 % 37.6-147

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 16 2' (H902080-36)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 5840 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.8 % 41-142

Surrogate: 1-Chlorooctadecane 103 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 16 3' (H902080-37)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.8 % 41-142

Surrogate: 1-Chlorooctadecane 97.4 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 16 4' (H902080-38)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/19/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/19/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.4 % 41-142

Surrogate: 1-Chlorooctadecane 97.9 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/17/2019
 Reported: 06/21/2019
 Project Name: SMALLS FED #001H
 Project Number: 700778.123.01
 Project Location: COG - LEA CO NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S- 17 0' (H902080-39)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2040 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.5 % 41-142

Surrogate: 1-Chlorooctadecane 94.1 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 18 0' (H902080-40)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/18/2019 | ND | 230 | 115 | 200 | 1.60 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/18/2019 | ND | 206 | 103 | 200 | 0.805 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.6 % 41-142

Surrogate: 1-Chlorooctadecane 98.8 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 19 0' (H902080-41)

| BTEX 8021B | | mg/kg | | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.93 | 96.3 | 2.00 | 6.21 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.89 | 94.3 | 2.00 | 7.12 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.87 | 93.7 | 2.00 | 8.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.83 | 97.2 | 6.00 | 8.14 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PII) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3600 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | 285 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | 97.9 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 127 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 19 1' (H902080-42)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3000 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 19 2' (H902080-43)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 768 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.5 % 41-142

Surrogate: 1-Chlorooctadecane 97.4 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 19 3' (H902080-44)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.3 % 41-142

Surrogate: 1-Chlorooctadecane 98.7 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 19 4' (H902080-45)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 20 0' (H902080-46)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 06/19/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 105 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 21 0' (H902080-47)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2520 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 106 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 22 0' (H902080-48)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4880 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.2 % 41-142

Surrogate: 1-Chlorooctadecane 101 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 22 1' (H902080-49)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2480 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 109 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 22 2' (H902080-50)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2400 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 41-142

Surrogate: 1-Chlorooctadecane 109 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 22 3' (H902080-51)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.36 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.12 | 106 | 2.00 | 1.93 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 1.98 | 99.0 | 2.00 | 1.45 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 5.95 | 99.1 | 6.00 | 2.35 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3400 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 22 4' (H902080-52)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.13 | 107 | 2.00 | 3.01 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.11 | 105 | 2.00 | 0.289 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.00 | 100 | 2.00 | 1.24 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 6.03 | 101 | 6.00 | 1.36 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 41-142

Surrogate: 1-Chlorooctadecane 107 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 23 0' (H902080-53)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.13 | 107 | 2.00 | 3.01 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.11 | 105 | 2.00 | 0.289 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.00 | 100 | 2.00 | 1.24 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 6.03 | 101 | 6.00 | 1.36 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.3 % 41-142

Surrogate: 1-Chlorooctadecane 104 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 24 0' (H902080-54)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.13 | 107 | 2.00 | 3.01 | | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.11 | 105 | 2.00 | 0.289 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.00 | 100 | 2.00 | 1.24 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 6.03 | 101 | 6.00 | 1.36 | | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | | |

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 105 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 06/17/2019 | Sampling Date: | 06/14/2019 |
| Reported: | 06/21/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | ** (See Notes) |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 25 0' (H902080-55)

| BTEX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.13 | 107 | 2.00 | 3.01 | |
| Toluene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.11 | 105 | 2.00 | 0.289 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/20/2019 | ND | 2.00 | 100 | 2.00 | 1.24 | |
| Total Xylenes* | <0.150 | 0.150 | 06/20/2019 | ND | 6.03 | 101 | 6.00 | 1.36 | |
| Total BTEX | <0.300 | 0.300 | 06/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 06/20/2019 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 06/19/2019 | ND | 196 | 98.0 | 200 | 0.0730 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/19/2019 | ND | 185 | 92.5 | 200 | 0.880 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/19/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 41-142

Surrogate: 1-Chlorooctadecane 110 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

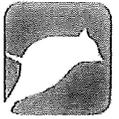
| | |
|-------|---|
| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

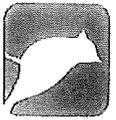
Company Name: **Talon LPE**
 Project Manager: **David Adkins**
 Address: **408 W Texas Ave**
 City: **Artesia** State: **NM** Zip: **88210**
 Phone #: **575-746-8768** Fax #: _____
 Project #: **700778-123.01** Project Owner: **COG**
 Project Name: **Smalls Fed #001H**
 Project Location: **Lea County**
 Sampler Name: **Brandon Sinclair**
 P.O. #: **700778-123.01**
 Company: **Talon LPE**
 Attn: **David Adkins**
 Address: _____
 City: **COG**
 State: _____ Zip: **Sheldon**
 Phone #: _____
 Fax #: _____

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | ANALYSIS REQUEST |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------|-----------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | | | |
| H902080 | B6-1 0-1' | ✓ | 1 | ✓ | | | | | 6/19/19 | 1030 | TPH EXT | |
| | B6-2 0-1' | | 1 | ✓ | | | | | 1040 | | Chlorides | |
| | B6-3 0-1' | | 1 | ✓ | | | | | 1050 | | BTEX | |
| | S-1 0' | | 1 | | | | | | 1100 | | | |
| | S-2 0' | | 1 | | | | | | 1105 | | | |
| | S-2 1' | | 1 | | | | | | 1110 | | | |
| | S-2 2' | | 1 | | | | | | 1115 | | | |
| | S-2 3' | | 1 | | | | | | 1120 | | | |
| | S-2 4' | | 1 | | | | | | 1125 | | | |
| | S-3 0' | | 1 | | | | | | 1135 | | | |

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: **4-17-19**
 Time: _____
 Received By: **Brandon Adkins**
 Date: **13:55**
 Time: _____
 Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: **13:90 #57**
 Sample Condition: Cool Intact Yes No
 CHECKED BY: (Initials) **RA**
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

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



CARDINAL Laboratories

101 East Marland, Hobbs, NM 88246
(575) 393-2326 FAX (575) 393-2476

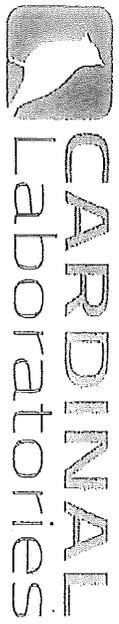
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: Talon LPE Project Manager: David Adkins Address: 908 W Texas Ave City: Artesia State: NM Zip: 88210 Phone #: 575-746-8768 Fax #: _____ Project #: 700728-12301 Project Owner: COG Project Name: Smalls Fed #0014 Project Location: Lea County Sampler Name: Brandon Sinclair For Use Only: _____ | | P.O. #: 700728-12301 Company: Talon LPE Attn: David Adkins Address: _____ City: COG State: _____ Zip: Sheldon Phone #: _____ Fax #: _____ | | | | | | | |
|---|-------------|---|--------------|------------|---------|----------|--------|------|-----------|
| ANALYSIS REQUEST | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV | SAMPLING | DATE | TIME | ANALYSIS |
| H902080 | | G | | SOIL | | | 6/4/19 | 1140 | TPH EXT |
| | 11 | | | WASTEWATER | | | | | Chlorides |
| | 12 | | | SOIL | | | | | BTEX |
| | 13 | | | SLUDGE | | | | | |
| | 14 | | | OTHER: | | | | | |
| | 15 | | | ACID/BASE: | | | | | |
| | 16 | | | ICE / COOL | | | | | |
| | 17 | | | OTHER: | | | | | |
| | 18 | | | | | | | | |
| | 19 | | | | | | | | |
| | 20 | | | | | | | | |

PLEASE NOTE: Liability and Damages: Cardinal Laboratory and clients estimate remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims for damages shall be subject to the terms and conditions of the contract. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profit, incurred by client, its subsidiaries, affiliates or employees. This limitation shall not apply to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| | |
|---|--|
| Requisitioned By: _____ Date: 6-17-19 Time: 13:55 | Received By: Brandon Sinclair Date: _____ Time: _____ |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ | Sample Condition: Cool <input type="checkbox"/> In tact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Checked By: _____ (Initials) | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ Add'l Fax #: _____ |
| REMARKS: _____ | |

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



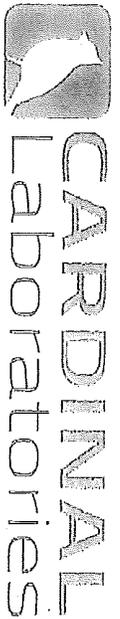
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

| | | | |
|--|--|--|---|
| Company Name: Talon LPE Project Manager: David Adkins Address: 408 W Texas Ave City: Artesia State: NM Zip: 87210 Phone #: 575-746-6768 Fax #: _____ Project #: 700778.123.01 Project Owner: COG Project Name: Smalls Fed #0014 Project Location: Lea County Sampler Name: Brandon Sinclair | | P.O. #: 700778.123.01 Company: Talon LPE Attn: David Adkins Address: BS 6/17 City: COG State: _____ Zip: _____ Phone #: Sheldon Fax #: Hitchcock | |
| Lab I.D. | | Sample I.D. | |
| (G)RAB OR (C)OMP. | | # CONTAINERS | |
| MATRIX | | PRESERV. SAMPLING | |
| GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: | | ACID/BASE: ICE / COOL OTHER: | |
| DATE | | TIME | |
| 4902080 | 31 32 33 34 35 36 37 38 39 40 | 5-13 5-14 5-15 5-16 5-16 5-16 5-16 5-17 5-17 5-18 | 4' 0' 0' 0' 1' 2' 3' 4' 0' 0' 0' |
| | | | 6/19/17 1350 1400 1415 1425 1430 1435 1440 1445 1500 1505 |
| | | | TPH EXT Chlorides BTEX |
| PLEASE NOTE: Liability and damages, Cardinal's liability and clients exclusive remedy for any claim relating whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services. Manufacturer by Cardinal, regardless of whether such claim is based upon any of the above stated measure or otherwise. | | | |
| Relinquished By: <i>[Signature]</i> Date: 6-17-19 Time: 13:55 | | Received By: Brandon Oleks Date: _____ Time: _____ | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) TS | |
| REMARKS: 13.9% #497 | | | |

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE P.O. #: 700778.123.01

Project Manager: David Adkins Company: Talon LPE

Address: 408 W Texas Ave City: Artesia State: NM Zip: 87210

Phone #: 575-746-6768 Fax #: Attn: David Adkins

Project #: 700778.123.01 Project Owner: COG Address: BS 6117

Project Name: Smalls Fed #0014 City: COG State: Zip:

Project Location: Lea County Phone #: Sheldon

Sampler Name: Brandon Sinclair Fax #: Hitchcock

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | ANALYSIS REQUEST |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|---------|------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | |
| 4902680 | | G | | | | | | | | 6/19/17 | 1515 | TPH EXT |
| 41 | 5-19 0' | | | | | | | | | | 1520 | chlorides |
| 42 | 5-19 1' | | | | | | | | | | 1525 | BTEX |
| 43 | 5-19 2' | | | | | | | | | | 1530 | |
| 44 | 5-19 3' | | | | | | | | | | 1535 | |
| 45 | 5-19 4' | | | | | | | | | | 1545 | |
| 46 | 5-20 0' | | | | | | | | | | 1550 | |
| 47 | 5-21 0' | | | | | | | | | | 1555 | |
| 48 | 5-22 0' | | | | | | | | | | 1605 | |
| 49 | 5-22 1' | | | | | | | | | | 1610 | |
| SD | 5-22 2' | | | | | | | | | | | |

PLEASE NOTE: Liability and Damages: Contractor's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In the event that Cardinal be liable for medical or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, the subdivider, or others, an appropriate release and/or release to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated release or otherwise.

Relinquished By: [Signature] Date: 6-17-19 Received By: Blanch Adams

Time: 13:55 Date:

Delivered By: (Circle One) UPS Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: 13.9c #97 Yes No

CHECKED BY: (Initials) ya

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

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



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

September 10, 2019

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: SMALLS FED #001H

Enclosed are the results of analyses for samples received by the laboratory on 09/04/19 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 09/04/2019 | Sampling Date: | 09/03/2019 |
| Reported: | 09/10/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S - 5 1' (H903064-01)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: S - 5 2' (H903064-02)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: S - 5 3' (H903064-03)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: S - 5 4' (H903064-04)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 496 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 09/04/2019 | Sampling Date: | 09/03/2019 |
| Reported: | 09/10/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S - 7 3' (H903064-05)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2040 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 7 4' (H903064-06)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3840 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 7 5' (H903064-07)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 7 6' (H903064-08)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 8 1' (H903064-09)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 09/04/2019 | Sampling Date: | 09/03/2019 |
| Reported: | 09/10/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S - 8 2' (H903064-10)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: S - 8 3' (H903064-11)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: S - 8 4' (H903064-12)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: S - 8 5' (H903064-13)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: S - 10 1' (H903064-14)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1410 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | | |

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 09/04/2019 | Sampling Date: | 09/03/2019 |
| Reported: | 09/10/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S - 10 2' (H903064-15)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1580 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 10 3' (H903064-16)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1330 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 10 4' (H903064-17)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 10 5' (H903064-18)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 09/09/2019 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: S - 17 1' (H903064-19)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 09/04/2019 | Sampling Date: | 09/03/2019 |
| Reported: | 09/10/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S - 17 2' (H903064-20)

| Chloride, SM4500CI-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 592 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 17 3' (H903064-21)

| Chloride, SM4500CI-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1260 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 17 4' (H903064-22)

| Chloride, SM4500CI-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 752 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 17 5' (H903064-23)

| Chloride, SM4500CI-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 1' (H903064-24)

| Chloride, SM4500CI-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 09/04/2019 | Sampling Date: | 09/03/2019 |
| Reported: | 09/10/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S - 21 2' (H903064-25)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 3' (H903064-26)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 4' (H903064-27)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 5' (H903064-28)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 528 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 7' (H903064-29)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1710 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 09/04/2019 | Sampling Date: | 09/03/2019 |
| Reported: | 09/10/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S - 21 9' (H903064-30)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2800 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 11' (H903064-31)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3240 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 13' (H903064-32)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Sample ID: S - 21 15' (H903064-33)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 09/09/2019 | ND | 448 | 112 | 400 | 3.64 | |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

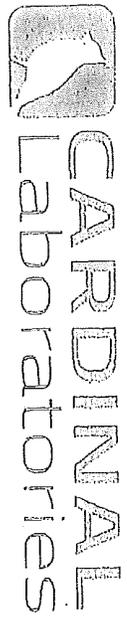
Company Name: Alon LPF
 Project Manager: David Adkins
 Address: 408 W Texas Ave State: NM Zip: 88210
 City: Artesia
 Phone #: 575-746-8768 Fax #:
 Project #: 700778.123.01 Project Owner: COG
 Project Name: Smalls Federal #0014
 Project Location: Lea County
 Sampler Name: Brandon Sinsair
 P.O. #:
 Company: COG
 Attn: Sheldon Hitchcock
 Address: 2208 W Main St
 City: Artesia
 State: NM Zip: 88210
 Phone #:
 Fax #:

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | DATE | TIME | ANALYSIS |
|----------------|-------------|-------------------------------------|--------------|-------------------------------------|------------|------|-----|--------|------|------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | | | |
| <u>H902064</u> | | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | | | | | <u>Chlorides</u> |
| 1 | S-5 1' | | | | | | | | | | |
| 2 | S-5 2' | | | | | | | | | | |
| 3 | S-5 3' | | | | | | | | | | |
| 4 | S-5 4' | | | | | | | | | | |
| 5 | S-7 3' | | | | | | | | | | |
| 6 | S-7 4' | | | | | | | | | | |
| 7 | S-7 5' | | | | | | | | | | |
| 8 | S-7 6' | | | | | | | | | | |
| 9 | S-8 1' | | | | | | | | | | |
| 10 | S-8 2' | | | | | | | | | | |

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profit incurred by client, its subcontractors, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated terms, conditions or limitations.

Relinquished By: Bar Silk Date: 9-4-19 Time: 16:30
 Received By: Sheldon Hitchcock
 Reinstated By: Sheldon Hitchcock
 Delivered By: (Circle One) 110 #97 Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: Delivered 1.50 Yes No
 CHECKED BY: VS
 REMARKS: NO RUSHY PER CUSTOMER

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | |
|------------------------------------|-------------------------|------------------|
| Company Name: Talon LPE | P.O. #: | ANALYSIS REQUEST |
| Project Manager: David Adkins | Company: COG | |
| Address: 408 W Texas Ave | Attn: Sheldon Hitchcock | |
| City: Artesia | Address: 2208 W Main | |
| State: NM Zip: 88210 | City: Artesia | |
| Phone #: 575-746-8268 Fax #: | State: NM Zip: 88210 | |
| Project #: 700226.12301 | Project Owner: COG | |
| Project Name: Smalls Federal #001H | Phone #: | |
| Project Location: Lea County | Fax #: | |
| Sampler Name: Brandon Sinclair | PRESERV: | SAMPLING |
| FOR LAB USE ONLY | | |

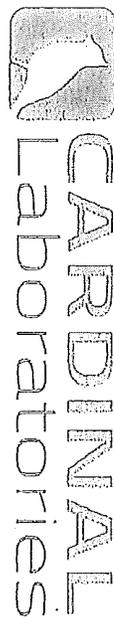
| Lab I.D. | Sample I.D. | G/RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | ANALYSIS | |
|----------|-------------|------------------|--------------|-------------|------------|------|-----|--------|--------|--------|------|----------|-----------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | | | | |
| H985064 | | G | | | | | | | | 9/5/19 | 1329 | ✓ | Chlorides |
| 21 | S-17 3' | | | | | | | | | | | | |
| 22 | S-17 4' | | | | | | | | | | | | |
| 23 | S-17 5' | | | | | | | | | | | | |
| 24 | S-21 1' | | | | | | | | | | | | |
| 25 | S-21 2' | | | | | | | | | | | | |
| 26 | S-21 3' | | | | | | | | | | | | |
| 27 | S-21 4' | | | | | | | | | | | | |
| 28 | S-21 5' | | | | | | | | | | | | |
| 29 | S-21 7' | | | | | | | | | | | | |
| 30 | S-21 9' | | | | | | | | | | | | |

PLEASE NOTE: Usability and changes: Customers liability and claims regarding recovery for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause shall be made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services provided by Cardinal, regardless of whether such claim is based upon any of the above stated causes of damages.

| | | | |
|---|--|---|--------------|
| Relinquished By: <i>David Adkins</i> | Date: 11.30 | Received By: <i>Monica White</i> | Date: 9.4.19 |
| Relinquished By: <i>David Adkins</i> | Time: 11:30 | Received By: <i>Monica White</i> | Time: 9:41 |
| Delivered By: (Circle One) <i>1.12</i> | Sample Condition | CHECKED BY: <i>AS</i> | |
| Sampler - UPS - Bus - Other: <i>Cardinal 1.58</i> | <input type="checkbox"/> Yes <input type="checkbox"/> Intact <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | |

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

REMARKS: *Rush*



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Taloh LPE
 Project Manager: David Adkins
 Address: 408 W Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 575-246-9768 Fax #:
 Project #: 700778.123.01 Project Owner: COG
 Project Name: Smalls Federal #0014
 Project Location: Lea County
 Sampler Name: Bradley Sinclair
 P.O. #: _____ Company: COG
 Address: 2208 W Main
 City: Artesia
 State: NM Zip: 88210
 Phone #: _____ Fax #:

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | DATE | TIME | ANALYSIS REQUEST |
|----------|-------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------|------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | |
| H90304 | | G | | | | | | | | | | |
| 31 | 5-21 | 11 | | | | | | | 9/3/19 | 1444 | | ✓ Chlorides |
| 32 | 5-21 | 13 | | | | | | | 1446 | | | ✓ |
| 33 | 5-21 | 15 | | | | | | | 1450 | | | ✓ |

PLEASE NOTE: Liability and Damages: Cardinal Liability and Damages: Cardinal liability and damages are limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or resulting from the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 9-4-19 Received By: [Signature] Date: 11-30
 Time: _____

Delivered By: (Circle One) 1.1c 497 Sample Condition: _____
 Cooler: Yes No Yes No Yes No
 Sampler - UPS - Bus - Other: Contract 1.5c CHECKED BY: [Signature] (Initials)

Phone Result: Yes No No - Add'l Phone #:
 Fax Result: Yes No No - Add'l Fax #:
 REMARKS: Rush

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



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

November 14, 2019

DAVID ADKINS
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: SMALLS FED #001H

Enclosed are the results of analyses for samples received by the laboratory on 11/13/19 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 11/13/2019 | Sampling Date: | 11/12/2019 |
| Reported: | 11/14/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 26 0'-1' (H903861-01)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/14/2019 | ND | 432 | 108 | 400 | 3.77 | |

Sample ID: S- 26 2' (H903861-02)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/14/2019 | ND | 432 | 108 | 400 | 3.77 | |

Sample ID: S- 26 3' (H903861-03)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/14/2019 | ND | 432 | 108 | 400 | 3.77 | |

Sample ID: S- 27 0'-1' (H903861-04)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/14/2019 | ND | 432 | 108 | 400 | 3.77 | |

Cardinal Laboratories

*—Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

| | | | |
|-------------------|------------------|---------------------|----------------|
| Received: | 11/13/2019 | Sampling Date: | 11/12/2019 |
| Reported: | 11/14/2019 | Sampling Type: | Soil |
| Project Name: | SMALLS FED #001H | Sampling Condition: | Cool & Intact |
| Project Number: | 700778.123.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | COG - LEA CO NM | | |

Sample ID: S- 28 0'-1' (H903861-05)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 11/14/2019 | ND | 432 | 108 | 400 | 3.77 | | |

Sample ID: S- 29 0'-1' (H903861-06)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 11/14/2019 | ND | 432 | 108 | 400 | 3.77 | | |

Sample ID: S- 29 2' (H903861-07)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 11/14/2019 | ND | 432 | 108 | 400 | 3.77 | | |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in cursive script, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

