



September 23, 2019

Dylan Rose-Coss
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

| | |
|----------------|---------------|
| Incident ID | pending |
| District RP | 1RP-5410 |
| Facility ID | fAB1908835112 |
| Application ID | pAB1908835332 |

Re: Remediation Summary and Closure Report
Site Name: 2C-3-4
GPS: Latitude: 32.1748 Longitude: -103.0959
Legals: UL "G", Sec. 31, T24S, R38E
Lea County, New Mexico
NMOCD Ref. No. 1RP-5410

Lowry Environmental & Associates, LLC (LEA), on behalf of ETC Texas Pipeline, Ltd., has prepared this Remediation Summary and Closure Report for the Release Site known as the 2C-3-4. Details of the release are summarized on the table below:

| Nature and Volume of Release | | | | |
|--|---------------------|--|-------------------------|------|
| Date Release Discovered | | 3/6/2019 | | |
| Source of Release | | Pipeline | | |
| Type of Release | Natural Gas Liquids | | Volume Released (bbls) | 9.4 |
| | | | Volume Recovered (bbls) | None |
| Cause of Release | | | | |
| The release was attributed to the failure of a segment of buried natural gas pipeline as a result of corrosion. | | | | |
| Affected Area | | | | |
| The release saturated an area within a pipeline right-of-way and adjacent pasture land totaling approximately 2,490 sq. ft; a light mist affected an additional area measuring approximately 9,300 sq. ft. | | | | |
| Was this a major release? | | If YES, for what reasons (s) is this considered a major release? | | |
| No | | N/A | | |
| If Yes, was immediate notice given to the OCD? By whom? To whom? When and by what means? | | | | |
| N/A | | | | |

A copy of the Release Notification (NMOCD Form C-141) is provided as Attachment #8.

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| Site Assessment/Characterization | |
|---|------------|
| What is the shallowest depth to groundwater beneath the area affected by the release? | 50-100 Ft. |
| Did this release impact groundwater or surface water? | No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | No |
| Are the lateral extents of the release within 300 feet of a wetland? | No |
| Are the lateral extents of the release overlying a subsurface mine? | No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | No |
| Are the lateral extents of the release within a 100-year floodplain? | No |
| Did the release impact areas not on an exploration, development, production or storage site? | Yes |

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey was conducted in an effort to determine the depth to groundwater within a 1 Mile radius of the Site and identify any registered water wells within a 1/2 Mile radius of the Site. A search of the NMOSE and USGS databases suggested the presence of 1 water well (321017103060401) 0.42 Mi of the Site.

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

| Closure Criteria for Soil Impacted by a Release | |
|---|-------------|
| Benzene | 10 mg/kg |
| Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX) | 50 mg/kg |
| Total Petroleum Hydrocarbons | 2500 mg/kg |
| Combined GRO and DRO | 1000 mg/kg |
| Chloride | 10000 mg/kg |

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2. Depth to groundwater information is provided as Attachment #4. A Photographic Log is provided as Attachment #7.

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INITIAL SITE ASSESSMENT

On **March 27, 2019**, LEA conducted an initial site assessment. During the initial site assessment, fourteen (14) representative soil samples (V-1 @ 0-6", V-1 @ 4', V-1 @ 6'-R V-2 @ 0-6", V-2 @ 2', NH-1 @ 0-6", NH-1 @ 20", NH-1b @ 0-6", NH-1b @ 12", EH-1 @ 0-6", EH-1 @ 24", SH-1 @ 0-6", SH-1 @ 24", WH-1 @ 0-6", WH-1 @ 24") were collected from the affected area in an effort to determine the vertical and horizontal extent of soil impacts. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of the TPH concentrations in soil samples V-1 @ 0-6", V-1 @ 4', V-2 @ 0-6" .

A table summarizing laboratory analytical results from soil samples collected during the initial site assessment is provided below:

| Concentrations of BTEX, TPH and/or Chloride in Soil - Initial Assessment | | | | | | | | | | | |
|--|---------|-------|-------------|--------------------|-----------------|---|--|---|--|---|---------------------|
| Sample ID | Date | Depth | Soil Status | SW 846 8021B | | SW 846 8015M Ext. | | | | | 4500Cl |
| | | | | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| V-1 @ 0-6" | 3/27/19 | 0-6" | Excavated | Excavated | <0.300 | <50.0 | 5,380 | 5,380 | 1,240 | 6,620 | 80.0 |
| V-1 @ 4' | 3/27/19 | 4' | Excavated | Excavated | 11.2 | 651 | 29,600 | 30,251 | 7,660 | 37,911 | 480 |
| V-1 @ 6'-R | 3/27/19 | 6' | Excavated | Excavated | <0.300 | <10.0 | 334 | 334 | 88 | 422 | 16.0 |
| V-2 @ 0-6" | 3/27/19 | 0-6" | Excavated | Excavated | <0.300 | <50.0 | 5,860 | 5,860 | 1,640 | 7,500 | 80.0 |
| V-2 @ 2' | 3/27/19 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | 29.7 | 29.7 | <10.0 | 29.7 | 16.0 |
| NH-1 @ 0-6" | 3/27/19 | 0-6" | Excavated | Excavated | <0.300 | <10.0 | 819 | 819 | 170 | 989 | 16.0 |
| NH-1 @ 20" | 3/27/19 | 20" | In-Situ | <0.050 | <0.300 | <10.0 | 26.5 | 26.5 | <10.0 | 26.5 | 16.0 |
| NH-1b @ 0-6" | 3/27/19 | 0-6" | In-Situ | <0.050 | <0.300 | <10.0 | 18.1 | <10.0 | 18.1 | 18.1 | 16.0 |
| NH-1b @ 12" | 3/27/19 | 12" | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| EH-1 @ 0-6" | 3/27/19 | 0-6" | In-Situ | <0.050 | <0.300 | <10.0 | 16.2 | 16.2 | <10.0 | 16.2 | 16.0 |
| EH-1 @ 24" | 3/27/19 | 24" | In-Situ | <0.050 | 0.405 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| SH-1 @ 0-6" | 3/27/19 | 0-6" | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| SH-1 @ 24" | 3/27/19 | 24" | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| WH-1 @ 0-6" | 3/27/19 | 0-6" | In-Situ | <0.050 | <0.300 | <10.0 | 19.9 | 19.9 | <10.0 | 19.9 | 16.0 |
| WH-1 @ 24" | 3/27/19 | 24" | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| Closure Criteria | | | | 10 | 50 | - | - | 1,000 | - | 2,500 | 10,000 |

A "Site & Sample Location Map" is provided as Attachment #3. Field Data, if applicable, is provided as Attachment #9. Soil profile observations are provided on Attachment #5. Laboratory analytical reports are provided as Attachment #6.

| | |
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PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment, ETC Texas Pipeline, Ltd. proposed the following remediation activities designed to advance the Site toward an approved closure:

- Utilizing mechanical equipment, excavate impacted soil in the area characterized by sample point V-1 to a depth beyond 4 Ft. bgs, the area characterized by sample point V-2 to a depth of approximately 2 ft. bgs and the area characterized by sample point NH-1 to a depth of approximately 20 inches (in.).
- The floor and sidewalls of the excavation will be advanced until laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH and chloride are below the NMOCD Closure Criteria
- Vegetation within the "lightly misted area" will be monitored for "die off". In the event vegetation is lost, affected areas will be excavated and/or in accordance with the landowner. ETC maintains scraping the affected pasture poses a risk to the existing grass stand.
- Excavated soil will be temporarily stockpiled on-site, atop an impermeable liner, pending transportation under manifest to an NMOCD-approved disposal facility.
- Upon excavating impacted soil affected above the NMOCD Closure Criteria and receiving laboratory analytical results from confirmation soil samples, the excavated area will be backfilled with locally sourced, non-impacted "like" material. Excavation backfill will be placed at or near original relative positions. The affected area will be contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

SAMPLING PLAN

Upon completion of excavation activities, representative five-point composite excavation confirmation soil samples will be collected from the excavation sidewalls in each cardinal direction, representing no more than **50 linear ft.** A minimum of **one (1)** representative five-point composite excavation confirmation soil sample will be collected from the base of the excavated area representing every **500 square feet.** Additional, "discrete" confirmation soil samples will be collected from wet or visibly stained areas inferred to have been affected by the release, as necessary.

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NMOCD APPROVALS/STIPULATIONS

The Site Assessment Report and Proposed Remediation Plan was subsequently approved with the condition that the Site be delineated vertically to 100 mg/kg TPH.

Please reference the associated Site Assessment Report and Proposed Remediation Plan that was submitted for 1RP-5410 additional details.

REMEDATION ACTIVITIES SUMMARY

On **August 8, 2019**, remediation activities commenced at the release site. Impacted soil affected above the NMOCD Closure Criteria was excavated and temporarily stockpiled on-site, pending final disposition. Impacted soil affected above the NMOCD Reclamation Standard present within the top 4 Ft. was excavated and temporarily stockpiled on-site, pending final disposition.

On **August 9, 2019**, LEA collected twelve (13) excavation confirmation soil samples (E. Floor @ 2', Floor @ 7', W. Floor @ 2', N. Floor @ 2' #1, N. Floor @ 2' #2, NSWa, ESWa, SSWa, WSWa, NSWb, ESWb, SSWa-b and WSWb) from the floor and sidewalls of the excavated area. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. TPH and chloride concentrations were below the NMOCD Reclamation Standard in each of the submitted soil samples with the exception of soil sample N. Floor @ 2' #2 (168 mg/kg), ESWa (206 mg/kg) and NSWb (259.1 mg/kg).

In addition, in accordance with the NMOCD, one (1) test trench (TT-1) was advanced adjacent to the inferred release point. During the advancement of the test trench, one (1) soil sample (TT-1 @ 11') was collected and submitted to the laboratory for analysis of TPH and chloride concentrations. Laboratory analytical results indicated TPH and chloride concentrations were below the NMOCD Reclamation Standard.

Upon receiving laboratory analytical results from the initial soil samples, remediation activities resumed at the release site. Impacted soil in the areas characterized by soil samples N. Floor @ 2' #2, ESWa and NSWb was excavated and transported to and NMOCD-approved disposal facility.

On **August 14, 2019**, two (2) excavation confirmation soil samples (N. Floor #2 8-14 and ESWa 8-14) were collected from the floor and sidewalls of the excavated area and submitted to an NMOCD-approved laboratory for analysis of BTEX, TPH and chloride concentrations, which were determined to be below the NMOCD Reclamation Standard.

On **September 18, 2019**, three (3) additional confirmation soil samples (NW FL-1 @ 3", NW FL-2 @ 3" and EH-1C @ Surf.) were collected from the affected area and submitted to an NMOCD-approved laboratory for analysis of TPH concentrations, which were determined to be less than the laboratory sample detection limit.

A table summarizing laboratory analytical results from confirmation soil samples is provided on the following page:

| | |
|----------------|---------------|
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| Application ID | pAB1908835332 |

| Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples | | | | | | | | | | | |
|--|---------|-------|-------------|--------------------|-----------------|---|--|---|--|---|---------------------|
| Sample ID | Date | Depth | Soil Status | SW 846 8021B | | SW 846 8015M Ext. | | | | | E300/4500Cl |
| | | | | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| E. Floor @ 2' | 8/9/19 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| Floor @ 7' | 8/9/19 | 7' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32.0 |
| W. Floor @ 2' | 8/9/19 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| N. Floor @ 2' #1 | 8/9/19 | 2' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| N. Floor @ 2' #2 | 8/9/19 | 2' | Excavated | <0.050 | <0.300 | <10.0 | 121 | 121 | 47.3 | 168 | <16.0 |
| NSWa | 8/9/19 | NA | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| ESWa | 8/9/19 | NA | Excavated | <0.050 | <0.300 | <10.0 | 135 | 135 | 71.3 | 206 | 16.0 |
| SSWa | 8/9/19 | NA | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32.0 |
| WSWa | 8/9/19 | NA | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| NSWb | 8/9/19 | NA | Excavated | <0.050 | <0.300 | <10.0 | 172 | 172 | 87.1 | 259.1 | 16.0 |
| ESWb | 8/9/19 | NA | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| SSWa-b | 8/9/19 | NA | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| WSWb | 8/9/19 | NA | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16.0 |
| TT-1 @ 11' | 8/9/19 | 0-2' | In-Situ | - | - | <10.0 | 16.0 | 16.0 | <10.0 | 16.0 | 32.0 |
| N. Floor #2 8-14 | 8/14/19 | 4' | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| ESWa 8-14 | 8/14/19 | NA | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| NW FL-1 @ 3" | 9/18/19 | 3" | In-Situ | - | - | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | - |
| NW FL-2 @ 3" | 9/18/19 | 3" | In-Situ | - | - | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | - |
| EH-1C @ Surf. | 9/18/19 | Surf. | In-Situ | - | - | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | - |
| Closure Criteria | | | | 10 | 50 | - | - | 1,000 | - | 2,500 | 10,000 |

| | |
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CLOSURE REQUEST

Remediation activities were conducted in accordance with an NMOCD-approved Workplan. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria/NMOCD Reclamation Standard in each of the submitted soil samples. Between August 8 and August 14, 2019, approximately 120 cubic yards of impacted soil was excavated and transported to an NMOCD-approved disposal facility. The final dimensions of the excavated area were approximately

RESTORATION AND RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. Excavation backfill was contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Areas affected by remediation activities will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site.

Based on laboratory analytical results, field activities conducted to date and conditions at the site, LEA recommends ETC Texas Pipeline, Ltd. provide a copy of this Remediation Summary and Closure Report to the NMOCD and request closure be granted to the 2C-3-4 Site.

Respectfully,



Joel W. Lowry
Environmental Professional
Lowry Environmental & Associates, LLC

Attachments:

- Attachment #1- Figure 1 - Topographic Map
- Attachment #2- Figure 2 - Aerial Map
- Attachment #3- Figure 3 - Site & Sample Location Map
- Attachment #4- Depth to Groundwater Information
- Attachment #5- Soil Profile
- Attachment #6- Laboratory Analytical Reports
- Attachment #7- Photographic Log
- Attachment #8- Release Notification (FORM C-141)
- Attachment #9- Field Data

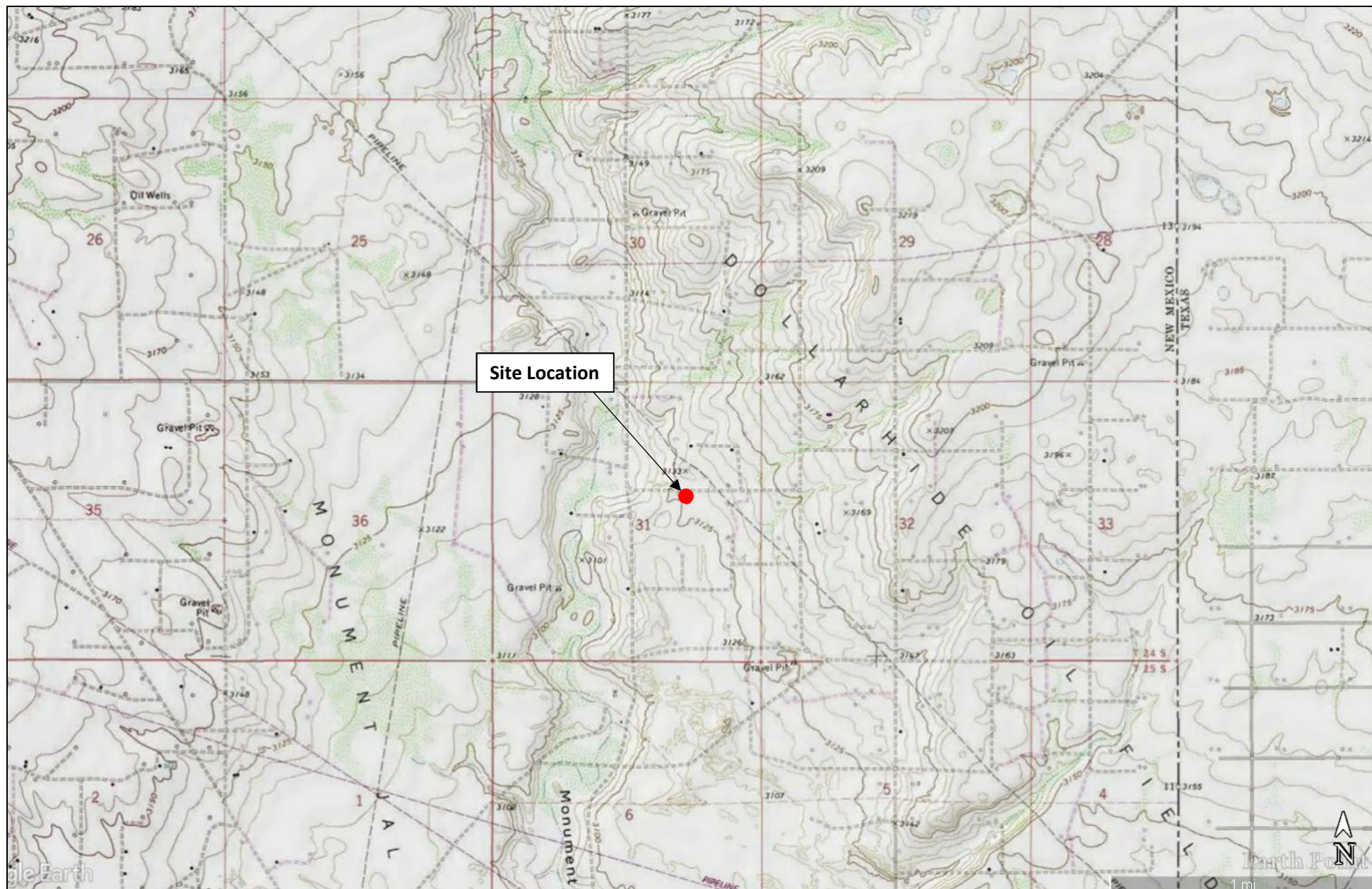
LIMITATIONS

This document has been prepared on behalf of ETC Texas Pipeline, Ltd.. Use of information contained in this report, including exhibits and attachments, by any other party without the consent of LEA and/or ETC Texas Pipeline, Ltd. is prohibited.

This document has been prepared in a professional manner, using the degree of skill and care exercised by similar environmental professionals. LEA notes that the facts and conditions referenced in this document may change over time and that the conclusions and recommendations are only applicable to the facts and conditions as described at the time this document was prepared.

LEA has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or intended.

ATTACHMENT #1
Figure 1 - Topographic Map



| | | |
|--|--|--|
| <p>LEGEND:</p> <p>● Site Location</p> | <p>Figure 1</p> <p>Topographic Map ETC Texas Pipeline, Ltd. 2C-3-4 GPS: 32.1748, -103.0959 Lea County, New Mexico</p> | <p>LOWRY environmental</p> <p>Drafted by: jwl Checked by: client Date: 4/6/2019</p> |
|--|--|--|

ATTACHMENT #2
Figure 2 - Aerial Map



LEGEND:






- | | |
|---|---|
| ● Site Location |  Non-Industrial Building |
| ○ Fresh Water Well |  Subsurface Mine |
|  100-Year Floodplain |  Playa Lake |
|  High/Critical Karst | ○ 1/2 Mi Radius |

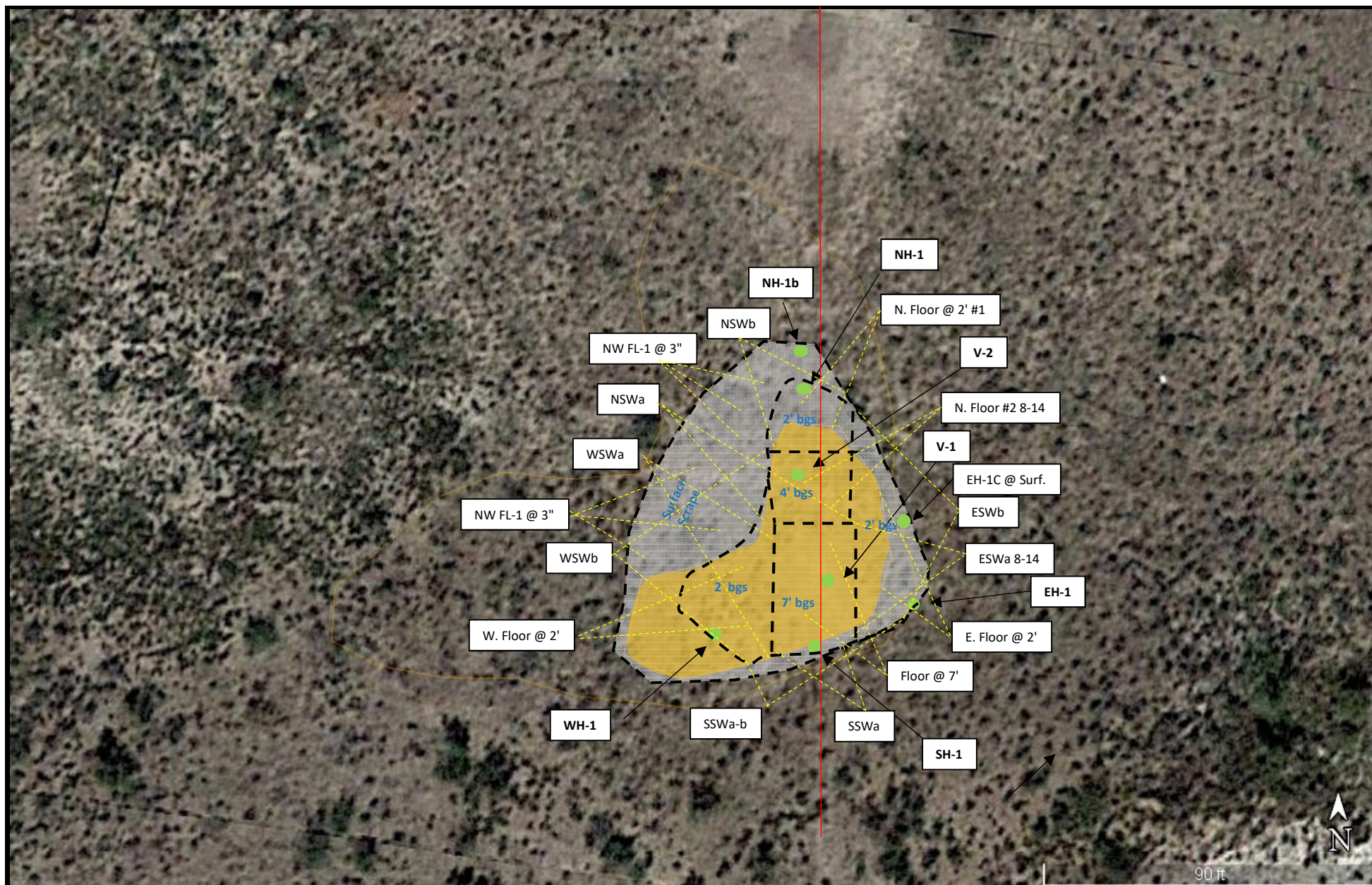
Figure 2
 Aerial Map
 ETC Texas Pipeline, Ltd.
 2C-3-4
 GPS: 32.1748, -103.0959
 Lea County, New Mexico



Drafted by: jwl Checked by: client Date: 4/6/2019

ATTACHMENT #3

Figure 3 - Site & Sample Location Map



LEGEND:

- Delineation Sample Point
- Affected Area
- Buried Pipeline
- Excavated Area

Figure 3

Site & Sample Location Map

ETC Texas Pipeline, Ltd.

2C-3-4

GPS: 32.1748, -103.0959

Lea County, New Mexico

LOWRY
environmental

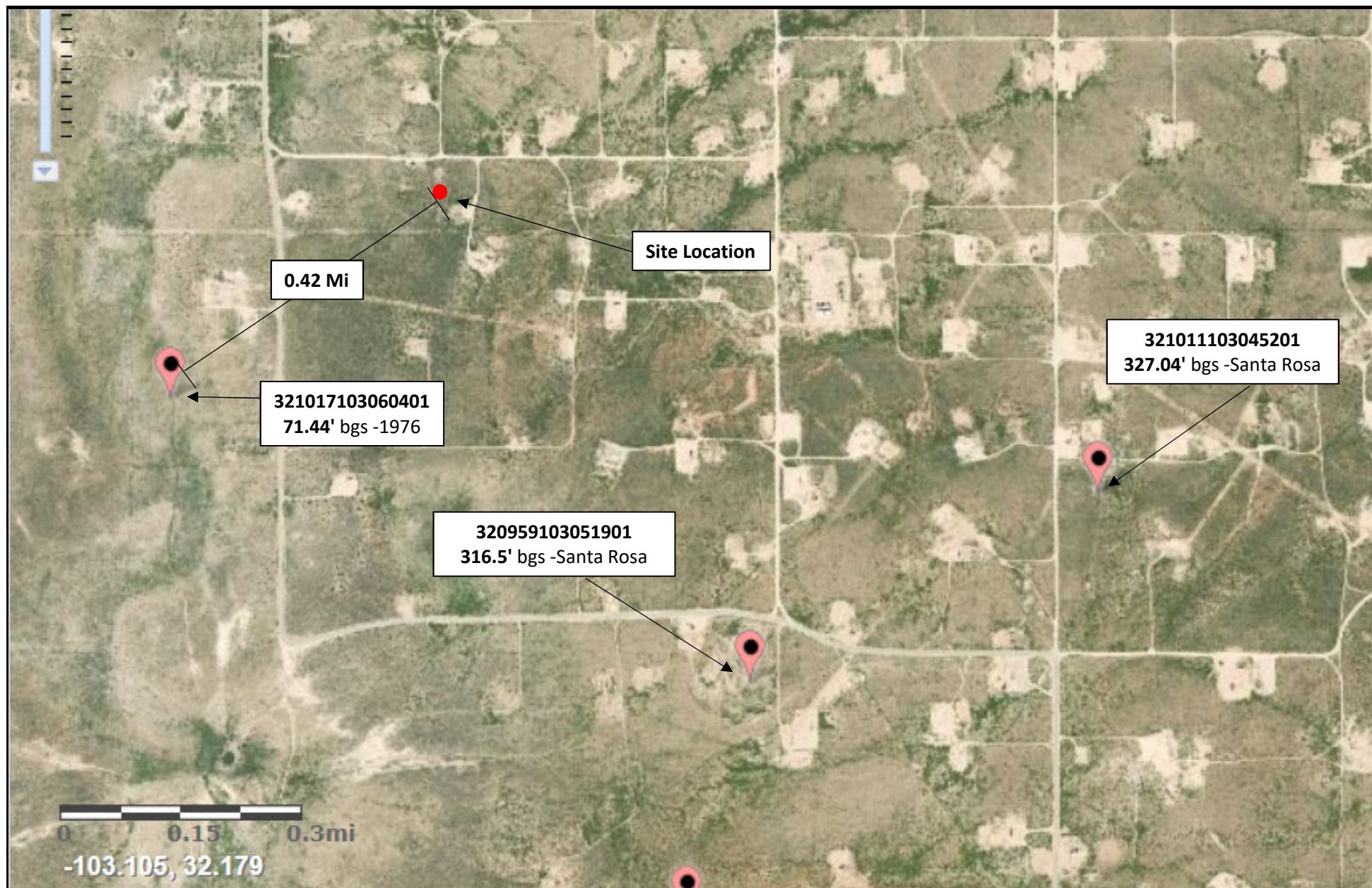


Drafted by: jwl

Checked by: client

Date: 11/21/2019

ATTACHMENT #4
Depth to Groundwater Information



LEGEND:

● Site Location

Figure 4

USGS Well Proximity Map

ETC Texas Pipeline, Ltd.

2C-3-4

GPS: 32.1748, -103.0959

Lea County, New Mexico



Drafted by: jwl

Checked by: client

Date: 8/24/2019



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced,

O=orphaned,

C=the file is closed)

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

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

(In feet)

| POD Number | Code | POD Sub-basin | County | Q Q Q | | | | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column | |
|-------------------------------|------|---------------|--------|-------|----|---|----|-----|-----|-----|--------|----------|----------|-----------|------------|--------------|----|
| | | | | 64 | 16 | 4 | 4 | | | | | | | | | | |
| CP 00085 POD1 | | CP | LE | 4 | 2 | 2 | 36 | 24S | 37E | | 678261 | 3561768* | 1322 | 109 | | 82 | 27 |
| CP 00084 POD1 | | CP | LE | 2 | 2 | 2 | 36 | 24S | 37E | | 678261 | 3561968* | 1391 | 98 | | 77 | 21 |
| CP 00084 POD2 | | CP | LE | | 2 | 4 | 36 | 24S | 37E | | 678176 | 3561065* | 1395 | 180 | | 92 | 88 |
| Average Depth to Water: | | | | | | | | | | | | | | | | 83 feet | |
| Minimum Depth: | | | | | | | | | | | | | | | | 77 feet | |
| Maximum Depth: | | | | | | | | | | | | | | | | 92 feet | |

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 679531.1

Northing (Y): 3561400.3

Radius: 1610

*UTM location was derived from PLSS - see Help

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.

4/3/19 3:04 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Date

USGS

science for a changing world

National Water Information System

USGS Water Resources

?

Water-level date-time accuracy

Water level, feet below land surface

Water level, feet above specific vertical datum

Referenced vertical datum

?

Water-level accuracy

?

Status

?

Method of measurement

USGS Home

Contact USGS

Search USGS

?

Measuring agency

Data Category:

Geographic Area:

Groundwater

United States

GO

Click to hideNews Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321017103060401

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321017103060401 24S.38E.31.142114

Lea County, New Mexico

Latitude 32°10'17", Longitude 103°06'04" NAD27

Land-surface elevation 3,102 feet above NAVD88

The depth of the well is 90 feet below land surface.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | Water-level date-time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | Water-level accuracy | Status | Method of measurement | Measuring agency | Source of measurement |
|------------|------|--------------------------------|--------------------------------------|---|---------------------------|----------------------|--------|-----------------------|------------------|-----------------------|
| 1968-02-22 | | D | 63.96 | | | | 2 | | U | |
| 1970-12-04 | | D | 66.95 | | | | 2 | | U | |
| 1976-01-14 | | D | 71.44 | | | | 2 | | U | |

Explanation

| Section | Code | Description |
|--------------------------------|------|--|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level accuracy | 2 | Water level accuracy to nearest hundredth of a foot |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | U | Unknown method. |
| Measuring agency | | Not determined |
| Source of measurement | U | Source is unknown. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

[Questions about sites/data?](#)

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[Subscribe for system changes](#)

| Date | Time | ? | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water-level accuracy | ? Status | ? Method of measurement | ? Meas agent |
|---------------|----------|---------------------------------|--------------------------------------|---|---------------------------|---------------------------|-------------|---|-----------------|
| Accessibility | Plug-Ins | U.S. Department of the Interior | U.S. Geological Survey | | | | |  | |

Title: Groundwater for USA: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



National Water Information System: Web Interface

[USGS Water Resources](#)

| | | |
|----------------|------------------|----|
| Data Category: | Geographic Area: | |
| Groundwater | United States | GO |

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- [Full News](#) 

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320959103051901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320959103051901 24S.38E.32.312331

Lea County, New Mexico

Latitude 32°09'59", Longitude 103°05'19" NAD27

Land-surface elevation 3,123 feet above NAVD88

The depth of the well is 824 feet below land surface.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water-level accuracy | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement |
|------------|------|---|---|---|---------------------------------|------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|
| 1976-01-14 | | D | 316.50 | | | 2 | | U | | |

Explanation

| Section | Code | Description |
|--------------------------------|------|--|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level accuracy | 2 | Water level accuracy to nearest hundredth of a foot |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | U | Unknown method. |
| Measuring agency | | Not determined |
| Source of measurement | U | Source is unknown. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2019-04-03 17:23:25 EDT

0.58 0.55 nadww02



National Water Information System: Web Interface

[USGS Water Resources](#)

| | | |
|----------------|------------------|----|
| Data Category: | Geographic Area: | |
| Groundwater | United States | GO |

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- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321011103045201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321011103045201 24S.38E.32.233411

Lea County, New Mexico

Latitude 32°10'11", Longitude 103°04'52" NAD27

Land-surface elevation 3,177 feet above NAVD88

The depth of the well is 845 feet below land surface.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water-level accuracy | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement |
|------------|------|---|---|---|---------------------------------|------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|
| 1976-01-14 | | D | 354.74 | | | 2 | | | U | |
| 1981-03-18 | | D | 327.04 | | | 2 | | | U | |

Explanation

| Section | Code | Description |
|--------------------------------|------|--|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level accuracy | 2 | Water level accuracy to nearest hundredth of a foot |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | U | Unknown method. |
| Measuring agency | | Not determined |
| Source of measurement | U | Source is unknown. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2019-04-03 17:24:40 EDT

0.64 0.61 nadww02

ATTACHMENT #5
Soil Profile

SOIL PROFILE

Site Name: 2C-3-4

Date: 3/27/2019

| Description | | Depth (ft. bgs) |
|------------------------|--|-----------------|
| Brownish / Red Topsoil | | 1 |
| | | 2 |
| Reddish sand | | 3 |
| | | 4 |
| | | 5 |
| | | 6 |
| Rock Refusal | | 7 |
| | | 8 |
| | | 9 |
| | | 0 |
| | | 1 |
| | | 2 |
| | | 3 |
| | | 4 |
| | | 5 |
| | | 6 |
| | | 7 |
| | | 8 |
| | | 9 |
| | | 0 |
| | | 1 |
| | | 2 |
| | | 3 |
| | | 4 |
| | | 5 |
| | | 6 |
| | | 7 |
| | | 8 |
| | | 9 |
| | | 0 |
| | | 1 |
| | | 2 |
| | | 3 |
| | | 4 |
| | | 5 |
| | | 6 |
| | | 7 |
| | | 8 |
| | | 9 |
| | | 0 |

ATTACHMENT #6
Laboratory Analytical Reports

April 03, 2019

JOEL LOWRY

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2C - 3-4

Enclosed are the results of analyses for samples received by the laboratory on 03/28/19 14:30.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Analytical Results For:ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:Reported:
03-Apr-19 13:51

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|----------------|---------------|--------|-----------------|-----------------|
| V - 1 @ 0-6" | H901173-01 | Soil | 27-Mar-19 11:05 | 28-Mar-19 14:30 |
| V - 1 @ 4' | H901173-02 | Soil | 27-Mar-19 11:07 | 28-Mar-19 14:30 |
| V - 1 @ 6'R | H901173-03 | Soil | 27-Mar-19 11:10 | 28-Mar-19 14:30 |
| V - 2 @ 0-6" | H901173-04 | Soil | 27-Mar-19 11:15 | 28-Mar-19 14:30 |
| V - 2 @ 2' | H901173-05 | Soil | 27-Mar-19 11:18 | 28-Mar-19 14:30 |
| NH - 1 @ 0-6" | H901173-07 | Soil | 27-Mar-19 11:25 | 28-Mar-19 14:30 |
| NH - 1 @ 20" | H901173-08 | Soil | 27-Mar-19 11:28 | 28-Mar-19 14:30 |
| NH - 1B @ 0-6" | H901173-09 | Soil | 27-Mar-19 11:30 | 28-Mar-19 14:30 |
| NH - 1B @ 12" | H901173-10 | Soil | 27-Mar-19 11:34 | 28-Mar-19 14:30 |
| EH - 1 @ 0-6" | H901173-11 | Soil | 27-Mar-19 11:36 | 28-Mar-19 14:30 |
| EH - 1 @ 24" | H901173-12 | Soil | 27-Mar-19 11:39 | 28-Mar-19 14:30 |
| SH - 1 @ 0-6" | H901173-13 | Soil | 27-Mar-19 11:42 | 28-Mar-19 14:30 |
| SH - 1 @ 24" | H901173-14 | Soil | 27-Mar-19 11:45 | 28-Mar-19 14:30 |
| WH - 1 @ 0-6" | H901173-15 | Soil | 27-Mar-19 11:48 | 28-Mar-19 14:30 |
| WH - 1 @ 24" | H901173-16 | Soil | 27-Mar-19 11:51 | 28-Mar-19 14:30 |

Client added BTEX/TPH/CI to samples -03, -09 and -10 on 04/02/19. This is the revised report reflecting that addition. This report will replace the original sent on 04/02/19.

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

V - 1 @ 0-6" H901173-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 9032910 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|---------------------------------------|--------|--|--------|----------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9032906 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9032906 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9032906 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9032906 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9032906 | ms | 01-Apr-19 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 94.9 % | 73.3-129 | | 9032906 | ms | 01-Apr-19 | 8021B | |

Petroleum Hydrocarbons by GC FID

S-06

| | | | | | | | | | | |
|-------------------------------|-------|--|--------|----------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <50.0 | | 50.0 | mg/kg | 5 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 5380 | | 50.0 | mg/kg | 5 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | 1240 | | 50.0 | mg/kg | 5 | 9032905 | MS | 29-Mar-19 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 90.7 % | 41-142 | | 9032905 | MS | 29-Mar-19 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 269 % | 37.6-147 | | 9032905 | MS | 29-Mar-19 | 8015B | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

V - 1 @ 4'

H901173-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 480 | | 16.0 | mg/kg | 4 | 9032910 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|-----|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|-----|---------|----|-----------|-------|--|
| Benzene* | <0.500 | | 0.500 | mg/kg | 500 | 9032906 | ms | 30-Mar-19 | 8021B | |
| Toluene* | <0.500 | | 0.500 | mg/kg | 500 | 9032906 | ms | 30-Mar-19 | 8021B | |
| Ethylbenzene* | 2.09 | | 0.500 | mg/kg | 500 | 9032906 | ms | 30-Mar-19 | 8021B | |
| Total Xylenes* | 9.07 | | 1.50 | mg/kg | 500 | 9032906 | ms | 30-Mar-19 | 8021B | |
| Total BTEX | 11.2 | | 3.00 | mg/kg | 500 | 9032906 | ms | 30-Mar-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 101 % | 73.3-129 | | 9032906 | ms | 30-Mar-19 | 8021B | |
|---------------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

S-06

| | | | | | | | | | | |
|------------------|-------|--|-----|-------|----|---------|----|-----------|-------|--|
| GRO C6-C10* | 651 | | 100 | mg/kg | 10 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 29600 | | 100 | mg/kg | 10 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | 7660 | | 100 | mg/kg | 10 | 9032905 | MS | 29-Mar-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 141 % | 41-142 | | 9032905 | MS | 29-Mar-19 | 8015B | |
|---------------------------|--|--|-------|--------|--|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 992 % | 37.6-147 | | 9032905 | MS | 29-Mar-19 | 8015B | |
|-------------------------------|--|--|-------|----------|--|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

V - 1 @ 6'R H901173-03 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9040209 | AC | 03-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.5 % | | 73.3-129 | 9040202 | ms | 02-Apr-19 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |
| DRO >C10-C28* | 334 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |
| EXT DRO >C28-C36 | 87.9 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 82.8 % | | 41-142 | 9040206 | MS | 03-Apr-19 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 101 % | | 37.6-147 | 9040206 | MS | 03-Apr-19 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

V - 2 @ 0-6"
H901173-04 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 80.0 | | 16.0 | mg/kg | 4 | 9032910 | JH | 01-Apr-19 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129 9040102 ms 01-Apr-19 8021B

Petroleum Hydrocarbons by GC FID

S-06

| | | | | | | | | | | |
|----------------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <50.0 | | 50.0 | mg/kg | 5 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 5860 | | 50.0 | mg/kg | 5 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | 1640 | | 50.0 | mg/kg | 5 | 9032905 | MS | 29-Mar-19 | 8015B | |

Surrogate: 1-Chlorooctane 87.7 % 41-142 9032905 MS 29-Mar-19 8015B

Surrogate: 1-Chlorooctadecane 283 % 37.6-147 9032905 MS 29-Mar-19 8015B

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

V - 2 @ 2'

H901173-05 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032910 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 73.3-129 9040102 ms 01-Apr-19 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 29.7 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |

Surrogate: 1-Chlorooctane 81.6 % 41-142 9032905 MS 29-Mar-19 8015B

Surrogate: 1-Chlorooctadecane 81.7 % 37.6-147 9032905 MS 29-Mar-19 8015B

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

NH - 1 @ 0-6"
H901173-07 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032910 | JH | 01-Apr-19 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

| | | | | | | | | | | |
|--|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 94.9 % | | 73.3-129 | 9040102 | ms | 01-Apr-19 | 8021B | |
|--|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|----------------------------|------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 816 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | 170 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 85.2 % | | 41-142 | 9032905 | MS | 29-Mar-19 | 8015B | |
|----------------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 112 % | | 37.6-147 | 9032905 | MS | 29-Mar-19 | 8015B | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

NH - 1 @ 20" H901173-08 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032910 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 73.3-129 9040102 ms 01-Apr-19 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 26.5 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |

Surrogate: 1-Chlorooctane 81.0 % 41-142 9032905 MS 29-Mar-19 8015B

Surrogate: 1-Chlorooctadecane 81.9 % 37.6-147 9032905 MS 29-Mar-19 8015B

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

NH - 1B @ 0-6" H901173-09 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 9040209 | AC | 03-Apr-19 | 4500-Cl-B | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 97.3 % | | 73.3-129 | 9040202 | ms | 02-Apr-19 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |
| DRO >C10-C28* | 18.1 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 85.2 % | | 41-142 | 9040206 | MS | 03-Apr-19 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 84.9 % | | 37.6-147 | 9040206 | MS | 03-Apr-19 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

NH - 1B @ 12"

H901173-10 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 9040209 | AC | 03-Apr-19 | 4500-Cl-B | |
|----------|-------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040202 | ms | 02-Apr-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 95.7 % | | 73.3-129 | 9040202 | ms | 02-Apr-19 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9040206 | MS | 03-Apr-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 83.8 % | | 41-142 | 9040206 | MS | 03-Apr-19 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 84.2 % | | 37.6-147 | 9040206 | MS | 03-Apr-19 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

EH - 1 @ 0-6"
H901173-11 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032913 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 95.9 % | | 73.3-129 | 9040102 | ms | 01-Apr-19 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 13.2 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 80.4 % | | 41-142 | 9032905 | MS | 29-Mar-19 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 83.1 % | | 37.6-147 | 9032905 | MS | 29-Mar-19 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

EH - 1 @ 24" H901173-12 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032913 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 73.3-129 9040102 ms 01-Apr-19 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |

Surrogate: 1-Chlorooctane 76.0 % 41-142 9032905 MS 29-Mar-19 8015B

Surrogate: 1-Chlorooctadecane 77.3 % 37.6-147 9032905 MS 29-Mar-19 8015B

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

SH - 1 @ 0-6"
H901173-13 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032913 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 95.6 % | | 73.3-129 | 9040102 | ms | 01-Apr-19 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032905 | MS | 29-Mar-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 81.2 % | | 41-142 | 9032905 | MS | 29-Mar-19 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 82.1 % | | 37.6-147 | 9032905 | MS | 29-Mar-19 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

SH - 1 @ 24" H901173-14 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032913 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 73.3-129 9040102 ms 01-Apr-19 8021B

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |

Surrogate: 1-Chlorooctane 75.4 % 41-142 9032912 MS 29-Mar-19 8015B

Surrogate: 1-Chlorooctadecane 75.8 % 37.6-147 9032912 MS 29-Mar-19 8015B

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

WH - 1 @ 0-6"

H901173-15 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032913 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.8 % | | 73.3-129 | 9040102 | ms | 01-Apr-19 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | 19.9 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 78.0 % | | 41-142 | 9032912 | MS | 29-Mar-19 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 79.4 % | | 37.6-147 | 9032912 | MS | 29-Mar-19 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

WH - 1 @ 24"

H901173-16 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories

Inorganic Compounds

| | | | | | | | | | | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 9032913 | JH | 01-Apr-19 | 4500-Cl-B | |
|----------|------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 9040102 | ms | 01-Apr-19 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 95.8 % | | 73.3-129 | 9040102 | ms | 01-Apr-19 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 9032912 | MS | 29-Mar-19 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 84.4 % | | 41-142 | 9032912 | MS | 29-Mar-19 | 8015B | |
|---------------------------|--|--|--------|--|--------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 84.3 % | | 37.6-147 | 9032912 | MS | 29-Mar-19 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

Inorganic Compounds - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 9032910 - General Prep - Wet Chem

Blank (9032910-BLK1)

Prepared & Analyzed: 29-Mar-19

Chloride ND 16.0 mg/kg

LCS (9032910-BS1)

Prepared & Analyzed: 29-Mar-19

Chloride 416 16.0 mg/kg 400 104 80-120

LCS Dup (9032910-BSD1)

Prepared & Analyzed: 29-Mar-19

Chloride 416 16.0 mg/kg 400 104 80-120 0.00 20

Batch 9032913 - General Prep - Wet Chem

Blank (9032913-BLK1)

Prepared & Analyzed: 29-Mar-19

Chloride ND 16.0 mg/kg

LCS (9032913-BS1)

Prepared & Analyzed: 29-Mar-19

Chloride 432 16.0 mg/kg 400 108 80-120

LCS Dup (9032913-BSD1)

Prepared & Analyzed: 29-Mar-19

Chloride 432 16.0 mg/kg 400 108 80-120 0.00 20

Batch 9040209 - General Prep - Wet Chem

Blank (9040209-BLK1)

Prepared & Analyzed: 02-Apr-19

Chloride ND 16.0 mg/kg

LCS (9040209-BS1)

Prepared & Analyzed: 02-Apr-19

Chloride 416 16.0 mg/kg 400 104 80-120

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:Reported:
03-Apr-19 13:51**Inorganic Compounds - Quality Control****Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 9040209 - General Prep - Wet Chem**LCS Dup (9040209-BSD1)**

Prepared & Analyzed: 02-Apr-19

| | | | | | | | | | | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |
|----------|-----|------|-------|-----|--|-----|--------|------|----|--|

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 9032906 - Volatiles

Blank (9032906-BLK1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0923 | | mg/kg | 0.100 | | 92.3 | 73.3-129 | | | |

LCS (9032906-BS1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|--|
| Benzene | 2.13 | 0.050 | mg/kg | 2.00 | | 107 | 72.2-131 | | | |
| Toluene | 2.01 | 0.050 | mg/kg | 2.00 | | 100 | 71.7-126 | | | |
| Ethylbenzene | 2.09 | 0.050 | mg/kg | 2.00 | | 104 | 68.9-126 | | | |
| Total Xylenes | 6.34 | 0.150 | mg/kg | 6.00 | | 106 | 71.4-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0911 | | mg/kg | 0.100 | | 91.1 | 73.3-129 | | | |

LCS Dup (9032906-BSD1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|------|------|--|
| Benzene | 2.06 | 0.050 | mg/kg | 2.00 | | 103 | 72.2-131 | 3.15 | 6.91 | |
| Toluene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.6 | 71.7-126 | 2.84 | 7.12 | |
| Ethylbenzene | 2.04 | 0.050 | mg/kg | 2.00 | | 102 | 68.9-126 | 1.99 | 7.88 | |
| Total Xylenes | 6.19 | 0.150 | mg/kg | 6.00 | | 103 | 71.4-125 | 2.45 | 7.46 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0902 | | mg/kg | 0.100 | | 90.2 | 73.3-129 | | | |

Batch 9040102 - Volatiles

Blank (9040102-BLK1)

Prepared & Analyzed: 01-Apr-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0954 | | mg/kg | 0.100 | | 95.4 | 73.3-129 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 9040102 - Volatiles

LCS (9040102-BS1)

Prepared & Analyzed: 01-Apr-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|--|
| Benzene | 1.93 | 0.050 | mg/kg | 2.00 | | 96.4 | 72.2-131 | | | |
| Toluene | 1.86 | 0.050 | mg/kg | 2.00 | | 92.9 | 71.7-126 | | | |
| Ethylbenzene | 2.00 | 0.050 | mg/kg | 2.00 | | 100 | 68.9-126 | | | |
| Total Xylenes | 6.14 | 0.150 | mg/kg | 6.00 | | 102 | 71.4-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0956 | | mg/kg | 0.100 | | 95.6 | 73.3-129 | | | |

LCS Dup (9040102-BS1)

Prepared & Analyzed: 01-Apr-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|------|------|--|
| Benzene | 1.87 | 0.050 | mg/kg | 2.00 | | 93.5 | 72.2-131 | 2.98 | 6.91 | |
| Toluene | 1.80 | 0.050 | mg/kg | 2.00 | | 89.9 | 71.7-126 | 3.33 | 7.12 | |
| Ethylbenzene | 1.92 | 0.050 | mg/kg | 2.00 | | 95.8 | 68.9-126 | 4.55 | 7.88 | |
| Total Xylenes | 5.85 | 0.150 | mg/kg | 6.00 | | 97.4 | 71.4-125 | 4.85 | 7.46 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0929 | | mg/kg | 0.100 | | 92.9 | 73.3-129 | | | |

Batch 9040202 - Volatiles

Blank (9040202-BLK1)

Prepared & Analyzed: 02-Apr-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0955 | | mg/kg | 0.100 | | 95.5 | 73.3-129 | | | |

LCS (9040202-BS1)

Prepared & Analyzed: 02-Apr-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|--|--|--|
| Benzene | 1.93 | 0.050 | mg/kg | 2.00 | | 96.4 | 72.2-131 | | | |
| Toluene | 1.85 | 0.050 | mg/kg | 2.00 | | 92.4 | 71.7-126 | | | |
| Ethylbenzene | 1.99 | 0.050 | mg/kg | 2.00 | | 99.7 | 68.9-126 | | | |
| Total Xylenes | 6.16 | 0.150 | mg/kg | 6.00 | | 103 | 71.4-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0946 | | mg/kg | 0.100 | | 94.6 | 73.3-129 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 9040202 - Volatiles

LCS Dup (9040202-BSD1)

Prepared & Analyzed: 02-Apr-19

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|-------|--|------|----------|------|------|-------|
| Benzene | 1.73 | 0.050 | mg/kg | 2.00 | | 86.3 | 72.2-131 | 11.0 | 6.91 | QR-02 |
| Toluene | 1.67 | 0.050 | mg/kg | 2.00 | | 83.7 | 71.7-126 | 9.88 | 7.12 | QR-02 |
| Ethylbenzene | 1.81 | 0.050 | mg/kg | 2.00 | | 90.3 | 68.9-126 | 9.83 | 7.88 | QR-02 |
| Total Xylenes | 5.62 | 0.150 | mg/kg | 6.00 | | 93.6 | 71.4-125 | 9.30 | 7.46 | QR-02 |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0949 | | mg/kg | 0.100 | | 94.9 | 73.3-129 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 9032905 - General Prep - Organics

Blank (9032905-BLK1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 52.2 | | mg/kg | 50.0 | | 104 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 53.0 | | mg/kg | 50.0 | | 106 | 37.6-147 | | | |

LCS (9032905-BS1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 180 | 10.0 | mg/kg | 200 | | 90.2 | 76.5-133 | | | |
| DRO >C10-C28 | 201 | 10.0 | mg/kg | 200 | | 101 | 72.9-138 | | | |
| Total TPH C6-C28 | 382 | 10.0 | mg/kg | 400 | | 95.5 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 54.6 | | mg/kg | 50.0 | | 109 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 54.5 | | mg/kg | 50.0 | | 109 | 37.6-147 | | | |

LCS Dup (9032905-BS1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--------|------|--|
| GRO C6-C10 | 180 | 10.0 | mg/kg | 200 | | 90.2 | 76.5-133 | 0.0144 | 20.6 | |
| DRO >C10-C28 | 194 | 10.0 | mg/kg | 200 | | 97.2 | 72.9-138 | 3.58 | 20.6 | |
| Total TPH C6-C28 | 375 | 10.0 | mg/kg | 400 | | 93.7 | 78-132 | 1.87 | 18 | |
| Surrogate: 1-Chlorooctane | 52.5 | | mg/kg | 50.0 | | 105 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 49.9 | | mg/kg | 50.0 | | 99.9 | 37.6-147 | | | |

Batch 9032912 - General Prep - Organics

Blank (9032912-BLK1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|-----|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 51.4 | | mg/kg | 50.0 | | 103 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 53.6 | | mg/kg | 50.0 | | 107 | 37.6-147 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

Batch 9032912 - General Prep - Organics

LCS (9032912-BS1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|
| GRO C6-C10 | 205 | 10.0 | mg/kg | 200 | | 102 | 76.5-133 | | |
| DRO >C10-C28 | 190 | 10.0 | mg/kg | 200 | | 95.1 | 72.9-138 | | |
| Total TPH C6-C28 | 395 | 10.0 | mg/kg | 400 | | 98.7 | 78-132 | | |
| Surrogate: 1-Chlorooctane | 54.2 | | mg/kg | 50.0 | | 108 | 41-142 | | |
| Surrogate: 1-Chlorooctadecane | 52.6 | | mg/kg | 50.0 | | 105 | 37.6-147 | | |

LCS Dup (9032912-BS1)

Prepared & Analyzed: 29-Mar-19

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|
| GRO C6-C10 | 213 | 10.0 | mg/kg | 200 | | 107 | 76.5-133 | 4.05 | 20.6 |
| DRO >C10-C28 | 200 | 10.0 | mg/kg | 200 | | 99.9 | 72.9-138 | 4.92 | 20.6 |
| Total TPH C6-C28 | 413 | 10.0 | mg/kg | 400 | | 103 | 78-132 | 4.47 | 18 |
| Surrogate: 1-Chlorooctane | 55.0 | | mg/kg | 50.0 | | 110 | 41-142 | | |
| Surrogate: 1-Chlorooctadecane | 53.8 | | mg/kg | 50.0 | | 108 | 37.6-147 | | |

Batch 9040206 - General Prep - Organics

Blank (9040206-BLK1)

Prepared & Analyzed: 02-Apr-19

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | |
| Surrogate: 1-Chlorooctane | 43.2 | | mg/kg | 50.0 | | 86.4 | 41-142 | | |
| Surrogate: 1-Chlorooctadecane | 42.0 | | mg/kg | 50.0 | | 84.1 | 37.6-147 | | |

LCS (9040206-BS1)

Prepared: 02-Apr-19 Analyzed: 03-Apr-19

| | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|
| GRO C6-C10 | 166 | 10.0 | mg/kg | 200 | | 83.2 | 76.5-133 | | |
| DRO >C10-C28 | 212 | 10.0 | mg/kg | 200 | | 106 | 72.9-138 | | |
| Total TPH C6-C28 | 378 | 10.0 | mg/kg | 400 | | 94.5 | 78-132 | | |
| Surrogate: 1-Chlorooctane | 47.0 | | mg/kg | 50.0 | | 94.1 | 41-142 | | |
| Surrogate: 1-Chlorooctadecane | 46.0 | | mg/kg | 50.0 | | 92.0 | 37.6-147 | | |

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
P. O. BOX 1226
JAL NM, 88252

Project: 2C - 3-4
Project Number: NONE GIVEN
Project Manager: JOEL LOWRY
Fax To:

Reported:
03-Apr-19 13:51

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 9040206 - General Prep - Organics

LCS Dup (9040206-BSD1)

Prepared & Analyzed: 02-Apr-19

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| GRO C6-C10 | 165 | 10.0 | mg/kg | 200 | | 82.3 | 76.5-133 | 1.04 | 20.6 | |
| DRO >C10-C28 | 205 | 10.0 | mg/kg | 200 | | 102 | 72.9-138 | 3.29 | 20.6 | |
| Total TPH C6-C28 | 369 | 10.0 | mg/kg | 400 | | 92.3 | 78-132 | 2.29 | 18 | |
| Surrogate: 1-Chlorooctane | 46.7 | | mg/kg | 50.0 | | 93.5 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 45.1 | | mg/kg | 50.0 | | 90.1 | 37.6-147 | | | |

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Celey D. Keene, Lab Director/Quality Manager

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-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. |
| 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

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Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|------------------------------|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|------------------|--|--|--|--|--|--|--|--|--|
| Company Name: ETC Texas Pipeline, Ltd. | | | | | | | | | | P.O. #: | | | | | | | | | | BILL TO | | | | | | | | | | ANALYSIS REQUEST | | | | | | | | | |
| Project Manager: Joel Lowry | | | | | | | | | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 600 N. Marlenfeld, St., Suite 700, Midland, TX 79701 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: Fax #: | | | | | | | | | | Owner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Owner: ETC Texas Pipeline, Ltd. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: 2C-3-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Lea | | | | | | | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Name: Jordyne Taylor | | | | | | | | | | Dean Ericson | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | PRESERV. | | | | | | | | | | SAMPLING | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | | | | | | | | | Sample I.D. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H901178 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 EH-1 at 0-6" | | | | | | | | | | (G)RAB OR (C)OMP. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 EH-1 at 24" | | | | | | | | | | # CONTAINERS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 SH-1 at 0-6" | | | | | | | | | | GROUNDWATER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 SH-1 at 24" | | | | | | | | | | WASTEWATER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 WH-1 at 0-6" | | | | | | | | | | SOIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 WH-1 at 24" | | | | | | | | | | OIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 WH-1b at 0-6" | | | | | | | | | | SLUDGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 WH-1b at 24" | | | | | | | | | | OTHER : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | ACID/BASE: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | ICE / COOL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | OTHER : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | TPH 8015 M. Ext (New Mexico) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | Chloride 4500 Cl-B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | BTX 8021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | TPH TX 1005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | HOLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | RUSH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

August 13, 2019

JOEL LOWRY

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2C - 3-4

Enclosed are the results of analyses for samples received by the laboratory on 08/09/19 16:18.

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, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: E. FLOOR @ 2' (H902756-01)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | ND | 416 | 104 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.8 % 41-142

Surrogate: 1-Chlorooctadecane 101 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: FLOOR @ 7' (H902756-02)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 32.0 | 16.0 | 08/13/2019 | ND | 416 | 104 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.6 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 ENERGY TRANSFER
 JOEL LOWRY
 P. O. BOX 1226
 JAL NM, 88252
 Fax To:

 Received: 08/09/2019
 Reported: 08/13/2019
 Project Name: 2C - 3-4
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

 Sampling Date: 08/09/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W. FLOOR @ 2' (H902756-03)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | ND | 416 | 104 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 109 % 37.6-147

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: N. FLOOR @ 2' #1 (H902756-04)

| BTX 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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 | 08/13/2019 | ND | 416 | 104 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.0 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 ENERGY TRANSFER
 JOEL LOWRY
 P. O. BOX 1226
 JAL NM, 88252
 Fax To:

 Received: 08/09/2019
 Reported: 08/13/2019
 Project Name: 2C - 3-4
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

 Sampling Date: 08/09/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: N. FLOOR @ 2' #2 (H902756-05)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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 | 08/13/2019 | ND | 416 | 104 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | 121 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | 47.3 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.7 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 ENERGY TRANSFER
 JOEL LOWRY
 P. O. BOX 1226
 JAL NM, 88252
 Fax To:

 Received: 08/09/2019
 Reported: 08/13/2019
 Project Name: 2C - 3-4
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

 Sampling Date: 08/09/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: NSWa (H902756-06)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | ND | 416 | 104 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 109 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: ESWa (H902756-07)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | ND | 416 | 104 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | 135 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | 71.3 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SSWa (H902756-08)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 32.0 | 16.0 | 08/13/2019 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.0 % 41-142

Surrogate: 1-Chlorooctadecane 100 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WSWa (H902756-09)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.3 % 41-142

Surrogate: 1-Chlorooctadecane 104 % 37.6-147

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: NSWb (H902756-10)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | 172 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | 87.1 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.5 % 41-142

Surrogate: 1-Chlorooctadecane 114 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 ENERGY TRANSFER
 JOEL LOWRY
 P. O. BOX 1226
 JAL NM, 88252
 Fax To:

 Received: 08/09/2019
 Reported: 08/13/2019
 Project Name: 2C - 3-4
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

 Sampling Date: 08/09/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: ESWh (H902756-11)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.9 % 41-142

Surrogate: 1-Chlorooctadecane 104 % 37.6-147

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 ENERGY TRANSFER
 JOEL LOWRY
 P. O. BOX 1226
 JAL NM, 88252
 Fax To:

 Received: 08/09/2019
 Reported: 08/13/2019
 Project Name: 2C - 3-4
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

 Sampling Date: 08/09/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SSWa-b (H902756-12)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.2 % 41-142

Surrogate: 1-Chlorooctadecane 103 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/09/2019
Reported: 08/13/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NM

Sampling Date: 08/09/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WSWb (H902756-13)

| 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 | 08/13/2019 | ND | 2.15 | 107 | 2.00 | 6.45 | |
| Toluene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.29 | 115 | 2.00 | 6.86 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/13/2019 | ND | 2.17 | 108 | 2.00 | 5.60 | |
| Total Xylenes* | <0.150 | 0.150 | 08/13/2019 | ND | 6.69 | 112 | 6.00 | 5.14 | |
| Total BTEX | <0.300 | 0.300 | 08/13/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | 08/13/2019 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.4 % 41-142

Surrogate: 1-Chlorooctadecane 105 % 37.6-147

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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 |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|--|--|--|---|--|-------------------------|--|--|--|---------------------------------|--|----------|--|-----|--|-----------|--|--|--|--|--|--|--|
| Company Name: ETC Texas Pipeline, Ltd. | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | |
| Project Manager: Joel Lowry | | | | P.O. #: | | | | | | | | | | | | | | | | | | | | | |
| Address: 600 N. Marland, St., Suite 700, Midland, TX 79701 | | | | Company: ETC Texas Pipeline, Ltd. | | | | | | | | | | | | | | | | | | | | | |
| City: | | | | Attn: Dean Ericson | | | | | | | | | | | | | | | | | | | | | |
| State: | | | | Address: | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 432-466-4450 | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | | | City: | | | | | | | | | | | | | | | | | | | | | |
| Project Name: 2C-3-4 | | | | State: | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Lea County, New Mexico | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. H902754 | | Sample I.D. | | (G)RAB OR (C)OMP # CONTAINERS | | MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: | | | | PRESERV ACID/BASE: ICE / COOL OTHER: | | SAMPLING DATE TIME | | Chloride | | TPH | | BTEX 8021 | | | | | | | |
| 1 E. Floor @ 2' | | C | | 1 | | X | | | | X | | 8/9/19 11:05 | | X | | X | | X | | | | | | | |
| 2 Floor @ 7' | | C | | 1 | | X | | | | X | | 8/9/19 11:10 | | X | | X | | X | | | | | | | |
| 3 W. Floor @ 2' | | C | | 1 | | X | | | | X | | 8/9/19 11:12 | | X | | X | | X | | | | | | | |
| 4 N. Floor @ 2' #1 | | C | | 1 | | X | | | | X | | 8/9/19 11:21 | | X | | X | | X | | | | | | | |
| 5 N. Floor @ 2' #2 | | C | | 1 | | X | | | | X | | 8/9/19 11:23 | | X | | X | | X | | | | | | | |
| 6 NSWa | | C | | 1 | | X | | | | X | | 8/9/19 11:40 | | X | | X | | X | | | | | | | |
| 7 ESWa | | C | | 1 | | X | | | | X | | 8/9/19 11:35 | | X | | X | | X | | | | | | | |
| 8 SSWa | | C | | 1 | | X | | | | X | | 8/9/19 11:42 | | X | | X | | X | | | | | | | |
| 9 WSWa | | C | | 1 | | X | | | | X | | 8/9/19 11:37 | | X | | X | | X | | | | | | | |
| 10 NSWB | | C | | 1 | | X | | | | X | | 8/9/19 11:51 | | X | | X | | X | | | | | | | |

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| | | | |
|---|--|---|--|
| Relinquished By: <i>Joel Lowry</i> Date: 8/14/19 Time: 4:19 | | Received By: <i>Joel Ericson</i> Date: 8/14/19 Time: | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.00 corrected 1.40 #97 | | Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | |
| Relinquished By: | | Checked By: <i>Joel</i> (Initials) | |
| Remarks: Rusty!! Added 8/13/19 by <i>Joel</i> | | Add'l Phone #: Add'l Fax #: | |

dean.ericson@energytransfer.com
joel@lowryenvironmental.com

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

FORM-006 R 2.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

August 14, 2019

JOEL LOWRY

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2C - 3-4

Enclosed are the results of analyses for samples received by the laboratory on 08/09/19 16:18.

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 ENERGY TRANSFER
 JOEL LOWRY
 P. O. BOX 1226
 JAL NM, 88252
 Fax To:

 Received: 08/09/2019
 Reported: 08/14/2019
 Project Name: 2C - 3-4
 Project Number: NONE GIVEN
 Project Location: LEA CO NM

 Sampling Date: 08/09/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: TT - 1 @ 11' (H902757-01)

| 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 | 08/13/2019 | 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 | 08/13/2019 | ND | 198 | 99.0 | 200 | 3.23 | |
| DRO >C10-C28* | 16.0 | 10.0 | 08/13/2019 | ND | 190 | 94.8 | 200 | 5.83 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/13/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.5 % | 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.4 % | 37.6-147 | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

August 15, 2019

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2C - 3-4

Enclosed are the results of analyses for samples received by the laboratory on 08/14/19 10:40.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
DEAN ERICSON
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/14/2019
Reported: 08/15/2019
Project Name: 2C - 3-4
Project Number: 32.1748-103.0959
Project Location: LEA CO NM

Sampling Date: 08/14/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: ESWA 8-14 (H902777-01)

| BTX 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 | 08/14/2019 | ND | 1.85 | 92.4 | 2.00 | 1.69 | |
| Toluene* | <0.050 | 0.050 | 08/14/2019 | ND | 1.97 | 98.6 | 2.00 | 4.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/14/2019 | ND | 1.97 | 98.7 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 08/14/2019 | ND | 5.99 | 99.8 | 6.00 | 6.80 | |
| Total BTX | <0.300 | 0.300 | 08/14/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 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 | <16.0 | 16.0 | 08/14/2019 | 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 | 08/14/2019 | ND | 207 | 103 | 200 | 1.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/14/2019 | ND | 208 | 104 | 200 | 1.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/14/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.1 % 41-142

Surrogate: 1-Chlorooctadecane 95.0 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
DEAN ERICSON
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 08/14/2019
Reported: 08/15/2019
Project Name: 2C - 3-4
Project Number: 32.1748-103.0959
Project Location: LEA CO NM

Sampling Date: 08/14/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: N. FLOOR #2 8-14 (H902777-02)

| BTX 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 | 08/14/2019 | ND | 1.85 | 92.4 | 2.00 | 1.69 | |
| Toluene* | <0.050 | 0.050 | 08/14/2019 | ND | 1.97 | 98.6 | 2.00 | 4.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/14/2019 | ND | 1.97 | 98.7 | 2.00 | 4.93 | |
| Total Xylenes* | <0.150 | 0.150 | 08/14/2019 | ND | 5.99 | 99.8 | 6.00 | 6.80 | |
| Total BTX | <0.300 | 0.300 | 08/14/2019 | 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 | <16.0 | 16.0 | 08/14/2019 | 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 | 08/14/2019 | ND | 207 | 103 | 200 | 1.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/14/2019 | ND | 208 | 104 | 200 | 1.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/14/2019 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.0 % 41-142

Surrogate: 1-Chlorooctadecane 105 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 |

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Celey D. Keene, Lab Director/Quality Manager

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

Rush!!
Rush!!



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

September 23, 2019

JOEL LOWRY

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2C - 3-4

Enclosed are the results of analyses for samples received by the laboratory on 09/19/19 15:15.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:Received: 09/19/2019
Reported: 09/23/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NMSampling Date: 09/18/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker**Sample ID: NW FL - 1 @ 3" (H903245-01)**

| 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 | 09/20/2019 | ND | 205 | 103 | 200 | 0.584 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/20/2019 | ND | 205 | 103 | 200 | 2.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/20/2019 | ND | | | | | |
| <hr/> | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 94.8 % | 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.7 % | 37.6-147 | | | | | | | |

Sample ID: NW FL - 2 @ 3" (H903245-02)

| 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 | 09/20/2019 | ND | 205 | 103 | 200 | 0.584 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/20/2019 | ND | 205 | 103 | 200 | 2.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/20/2019 | ND | | | | | |
| <hr/> | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 99.1 % | 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 % | 37.6-147 | | | | | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:ENERGY TRANSFER
JOEL LOWRY
P. O. BOX 1226
JAL NM, 88252
Fax To:Received: 09/19/2019
Reported: 09/23/2019
Project Name: 2C - 3-4
Project Number: NONE GIVEN
Project Location: LEA CO NMSampling Date: 09/18/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker**Sample ID: EH - 1 C @ SURFACE (H903245-03)**

| 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 | 09/20/2019 | ND | 205 | 103 | 200 | 0.584 | |
| DRO >C10-C28* | <10.0 | 10.0 | 09/20/2019 | ND | 205 | 103 | 200 | 2.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 09/20/2019 | ND | | | | | |
| | | | | | | | | | |
| Surrogate: 1-Chlorooctane | 100 % | 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 % | 37.6-147 | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager

ETC Texas Pipeline, Ltd.

Address: 600 N. Marientfeld, St., Suite 700, Midland, TX 79701

Phone #: 432-466-4450 Fax #: _____

Project Name: 2C-3-4

Project Location: Lea County, New Mexico

Sampler Name:

| | | |
|------------------|--|--|
| FOR LAB USE ONLY | | |
|------------------|--|--|

H903245

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 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Reinquished Bx

Received By: Jamara W. Black Spc

Sampler - UPS - Bus - Other:

| | Cool | Intact |
|---|---|---|
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |
| <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

(Initials)

ioel@lowrenvironmental.com

dean.ericson@enerqtransfer.com

ATTACHMENT #7
Photographic Log

PHOTOGRAPHIC LOG



Figure 1 View of surface staining from the initial release and sample location.

PHOTOGRAPHIC LOG



Figure 2 View of surface staining from the initial release.

PHOTOGRAPHIC LOG



Figure 3 View of surface staining from the initial release.

PHOTOGRAPHIC LOG



Figure 4 View of portion of the excavated area.

PHOTOGRAPHIC LOG



Figure 5 View of portion of the excavated area.



Figure 6 View of portion of the excavated area.

PHOTOGRAPHIC LOG



Figure 7 View of the affected area after remediation activities.



Figure 8 View of the affected area after remediation activities.

PHOTOGRAPHIC LOG



Figure 9 View of the affected area after remediation activities.

ATTACHMENT #8
Release Notification (FORM C-141)

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

State of New Mexico Energy
Minerals and Natural Resources Department
Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, NM 87505

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

| | |
|----------------|-----------------|
| Incident ID | 0 |
| District RP | 0 1RP-5410 |
| Facility ID | 0 fAB1908835112 |
| Application ID | 0 pAB1908835332 |

Release Notification
Responsible Party

| | | | |
|-------------------------|--|------------------------------|--------------|
| Responsibly Party | ETC Texas Pipeline, Ltd. | OGRID | 371183 |
| Contact Name | Carolyn Blackaller | Contact Telephone | 817-302-9766 |
| Contact Email | carolyn.blackaller@energytransfer.com | Incident # (assigned by OCD) | 0 |
| Contact Mailing Address | 600 N. Marienfeld. St., Suite 700, Midland, TX 79701 | | |

Location of Release Source

Latitude 32.1748 Longitude -103.0959
(Nad 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|----------|----------------------|----------|
| Site Name | 2C-3-4 | Site Type | Pipeline |
| Date Release Discovered | 03/06/19 | API# (if applicable) | NA |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| G | 31 | T24S | 38E | Lea |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Willis Family Trust)

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"/> Liquids ** | Volume Released (bbls) ** 9.4 | Volume Recovered (bbls) None |
| | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| <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 attributed to the failure of a segment of buried natural gas pipeline as a result of corrosion. | | |
| **What type of liquids release above? AB | | |



State of New Mexico
Oil Conservation Division

| | | |
|----------------|---|---------------|
| Incident ID | 0 | NAB1908835620 |
| District RP | 0 | 1RP-5410 |
| Facility ID | 0 | fAB1908835112 |
| Application ID | 0 | pAB1908835332 |

| | |
|---|--|
| 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

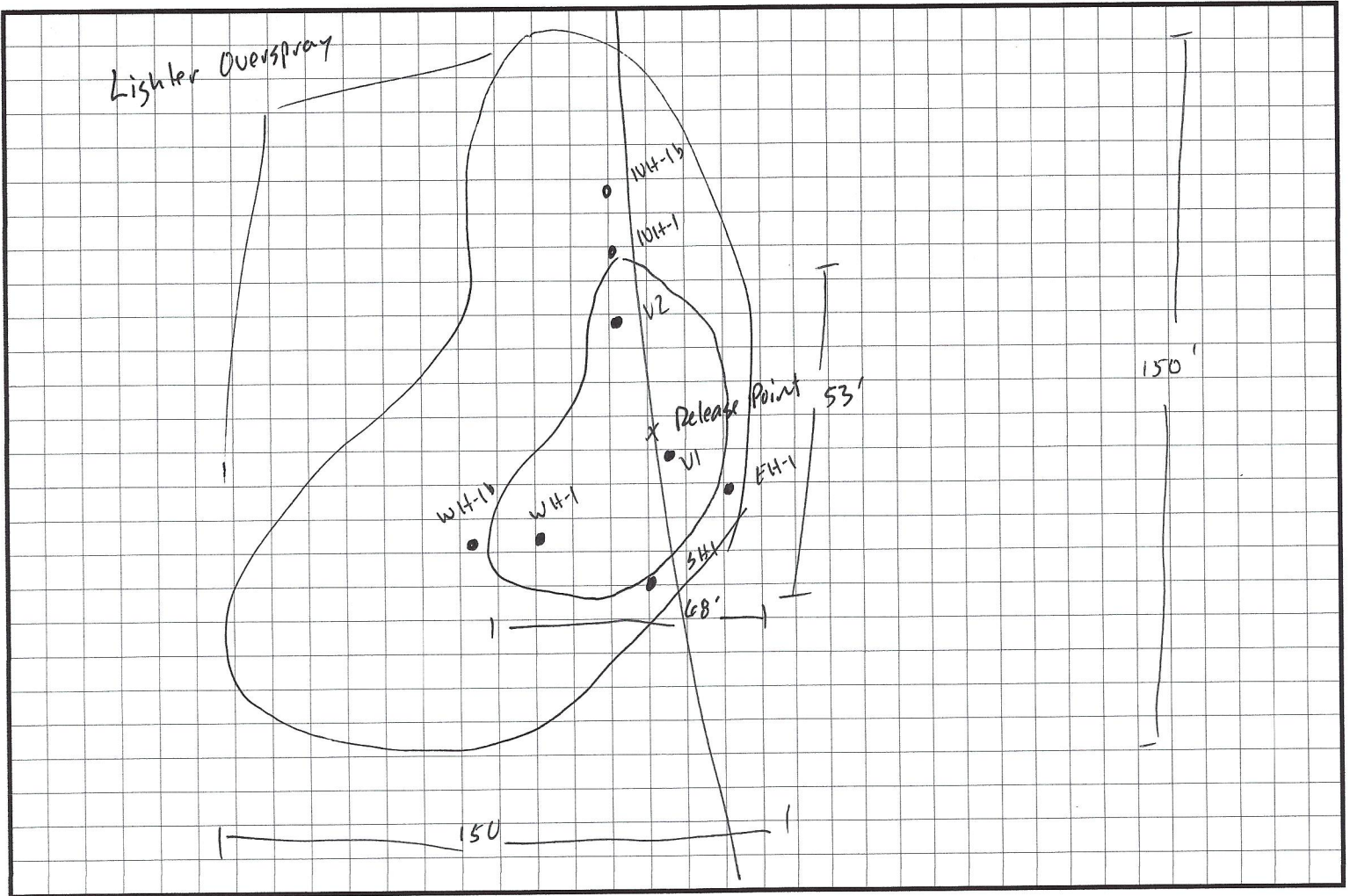
| | |
|--|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Release materials have been contained via the use of 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>Carolyn Blackaller</u> | Title: <u>Sr. Environmental Specialist</u> |
| Signature: <u></u> | Date: <u>3/20/2019</u> |
| email: <u>carolyn.blackaller@energytransfer.com</u> | Telephone: <u>817-302-9766</u> |
| OCD Only | |
| Received by: <u></u> | Date: <u>3/29/2019</u> |

ATTACHMENT #9
Field Data

FIELD NOTES

Site Name: 2C-3-4

Date: 3/27/2019



Map / Measure affected Area
 Delaware Site Hit Rock @ 6'
 Field Screen Samples

| Field ID | Odor/PID | Chloride |
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| Field ID | Odor/PID | Chloride |
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| Field ID | Odor/PID | Chloride |
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| Field ID | Odor/PID | Chloride |
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| Field ID | Odor/PID | Chloride |
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| Field ID | Odor/PID | Chloride |
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Site Name: 2C-3-4

Date: 3/27/19

[illegible]