Form C-141 Page 3

State of New Mexico Oil Conservation Division

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

Site Assessment/Characterization

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

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

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. \boxtimes

Field data

 \boxtimes Data table of soil contaminant concentration data

Depth to water determination

Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release

Boring or excavation logs

Photographs including date and GIS information

Topographic/Aerial maps

 \boxtimes Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

| Form C-141 Page 4 | State of New Mexico Oil Conservation Division | Incident ID District RP Facility ID Application ID | |
|--|--|--|--|
| regulations all operators are requ public health or the environment failed to adequately investigate a | tion given above is true and complete to the best of my known uired to report and/or file certain release notifications and p t. The acceptance of a C-141 report by the OCD does not n and remediate contamination that pose a threat to groundw. C-141 report does not relieve the operator of responsibility | owledge and understand that pursuant perform corrective actions for releases relieve the operator of liability should ater, surface water, human health or th | which may endanger their operations have environment. In |
| Printed Name: Jon E Fields | Title: Director, | Field Environmental | |
| Signature: | tubs Date: | 19 | |
| email: jefields@eprod.com | Telephone: 713- | -381-6684 | - |
| OCD Only | | | |
| Received by: | Date | e: | |

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

Remediation Plan

| Remediation Plan Checklist: Each of the following items must | be included in the plan. |
|--|---|
| Detailed description of proposed remediation technique | |
| Scaled sitemap with GPS coordinates showing delineation poi | nts |
| Estimated volume of material to be remediated | |
| \boxtimes Closure criteria is to Table 1 specifications subject to 19.15.29 | .12(C)(4) NMAC |
| Proposed schedule for remediation (note if remediation plan ti | meline is more than 90 days OCD approval is required) |
| | |
| Deferral Requests Only: Each of the following items must be co | onfirmed as part of any request for deferral of remediation. |
| Contamination must be in areas immediately under or around deconstruction. | production equipment where remediation could cause a major facility |
| Extents of contamination must be fully delineated. | |
| Contamination does not cause an imminent risk to human heal | th, the environment, or groundwater. |
| I handler antific that the information given above is true and exact | |
| rules and regulations all operators are required to report and/or file | ete to the best of my knowledge and understand that pursuant to OCD certain release notifications and perform corrective actions for releases |
| which may endanger public health or the environment. The accept | ance of a C-141 report by the OCD does not relieve the operator of |
| liability should their operations have failed to adequately investiga | te and remediate contamination that pose a threat to groundwater, |
| surface water, human health or the environment. In addition, OCE responsibility for compliance with any other federal, state, or local | acceptance of a C-141 report does not relieve the operator of laws and/or regulations |
| i chi chi chi chi chi chi chi chi chi ch | |
| Printed Name: Jeffelds@eprod.com UN (. 17E0LS | Title: Director, Field Environmental |
| Printed Name: jefields@eprod.com Jon E. Fields Signature: | Date: 1-28-19 |
| email: jefields@eprod.com | Telephone: 713-381-6684 |
| | |
| OCD Only | |
| Received by: | Date: |
| | |
| Approved Approved with Attached Conditions of | f Approval Denied Deferral Approved |
| | |
| Signature: | Date: |
| | |

Form C-141 Page 6 State of New Mexico Oil Conservation Division

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

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

| Printed Name: Jon E. Fields | Title: Director, Field Environmental |
|--|--|
| Signature: Kuld | Date: 1-28-19 |
| email: jefields@eprod.com | Telephone: 713-381-6684 |
| | |
| OCD Only | |
| Received by: | Date: |
| Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and/ | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. |
| Closure Approved by: | Date: |
| Printed Name: | |



Assessment and Remediation Report

Enterprise 1009 Line Strike, RP# 1 RP-5269 Lea County, New Mexico

Prepared For:

Enterprise Field Services, LLC PO Box 4324 Houston, Texas 77210-4324

Prepared By:

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

January 25, 2019

Alena Miro Enterprise Field Services LLC PO Box 4324 Houston, Texas 77210-4324

Subject: Assessment and Remediation Report Enterprise 1009 Line Strike, RP# 1RP-5269 Lea County, New Mexico

Dear Ms. Miro

Enterprise Field Services, LLC (Enterprise) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, and remediation activities are presented herein.

Site Information

The Enterprise 1009 Line is located approximately fifty-four (54) miles southwest of Hobbs, New Mexico. The legal location for this release is Unit Letter A, Section 2, Township 22 South and Range 23 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.327189 North and -103.640416 West. A site plan is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Pyote and Maljamar fine sands with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Upper Permian in age and is comprised of sandy eolian deposits derived from sedimentary rock. Drainage courses in this area are well drained.

Ground Water and Site Ranking

The New Mexico State Engineer Data Base indicates that the average depth to groundwater in the project vicinity to be greater than 100-feet below ground surface (BGS) This is also supported by the Chevron Texaco Groundwater Trend Map. See Appendix II for the referenced groundwater data.

Therefore the ranking for this site is a **0** based on the following:

| Depth to ground water | >100' |
|--------------------------------|--------|
| Wellhead Protection Area | >1000' |
| Distance to surface water body | >1000' |

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRALs) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 2500 mg/kg for TPH and 20,000 mg/kg Total Chlorides.

Incident Description

On October 28, 2018, the Enterprise 1009 Line was struck by heavy equipment doing unauthorized improvements to the pipeline right of way. As a result, 2437 MSCF of natural gas and 300 BBLs of pipeline fluids was released into the right of way including overspray southward into the pasture. The flow path covered approximately 1,100-feet varying from 3 to 9-feet wide. No fluids were recovered as the liquids rapidly soaked in to the soil. A site map of the impacted area is presented in Appendix I. Photographic documentation is also attached.

Talon mobilized personnel on October 28, 2018, to conduct an initial site assessment of the impacted area. Soil samples were collected utilizing a hand auger to depths of approximately 3-feet BGS. The analytical results of our initial sampling event are presented in the following data table.

| | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH EXT (mg/kg) |
|-----|-----------------|-----------------|----------------------|--------------------|--------------------|--------------------|
| S-1 | 0 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 1 | < 0.300 | 16 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 3 | < 0.300 | 16 | <10.0 | <10.0 | <10.0 |
| S-2 | 0 | 1.68 | 320 | 13.1 | 61.5 | <10.0 |
| | 1 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 3 | < 0.300 | 48 | <10.0 | <10.0 | <10.0 |
| S-3 | 0 | 260 | 512 | 3590 | 2060 | 74.3 |
| | 1 | < 0.300 | 496 | <10.0 | <10.0 | 12.5 |
| | 3 | < 0.300 | 64 | <10.0 | <10.0 | <10.0 |
| S-4 | 0 | 733 | 2680 | 6110 | 1180 | 43.6 |
| | 1 | 0.513 | 48 | 12.5 | 27.9 | <10.0 |
| | 2 | < 0.300 | 48 | <10.0 | 54.9 | <10.0 |
| | 3 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| S-5 | 0 | 3860 | 432 | 60900 | 7760 | 383 |
| | 1 | 10 | 640 | 61.5 | 127 | 36.1 |
| | 3 | 9.62 | 80 | 131 | 149 | 11.7 |
| S-6 | 0 | 206 | 1360 | 4010 | 3470 | 119 |
| | 0.5 | 31.1 | 944 | 938 | 1240 | 59.3 |
| | 1 | < 0.300 | 96 | <10.0 | 23.5 | 12.3 |
| | 2 | < 0.300 | 48 | <10.0 | <10.0 | <10.0 |
| | 3 | < 0.300 | 64 | <10.0 | <10.0 | <10.0 |

11-5-18 Laboratory Report. See Appendix IV for complete report of laboratory results.

Page | 3

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH EXT (mg/kg) |
|--------------|-----------------|-----------------|----------------------|--------------------|--------------------|--------------------|
| S-7 | 0 | 0.800 | 304 | 10.7 | 45.7 | <10.0 |
| | 0.5 | 0.312 | 256 | <10.0 | 26.7 | <10.0 |
| | 1 | < 0.300 | 176 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |

The Enterprise 1009 Line was repaired and put back into service on November 8, 2018. Talon subsequently mobilized personnel and equipment to the site to begin excavation and sampling activities on the impacted flow path along the pipeline right of way. The overspray area was to be addressed by the operator responsible for the pipeline strike.

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH EXT (mg/kg) |
|--------------|-----------------|-----------------|----------------------|--------------------|--------------------|--------------------|
| SP-1 | 1 | < 0.300 | 16 | <10.0 | 17.3 | 19.9 |
| | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-2 | 1 | < 0.300 | 32 | <10.0 | 15.3 | <10.0 |
| | 2 | < 0.300 | 80 | <10.0 | 57.6 | <10.0 |
| SP-3 | 1 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| DI U | 2 | 0.490 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-4 | 1 | 180 | 224 | 4390 | 1670 | 57.8 |
| | 2 | 229 | 32 | 3800 | 1310 | 62.3 |
| SP-5 | 1 | 0.346 | 32 | <10.0 | 15.6 | <10.0 |
| | 2 | 0.802 | 32 | <10.0 | <10.0 | <10.0 |
| SP-6 | 1 | 386 | 48 | 5330 | 1480 | 65.8 |
| | 2 | 535 | 48 | 8620 | 1800 | 83.7 |
| SP-7 | 1 | 0.495 | <16.0 | 10.1 | 24.7 | 19.8 |
| | 2 | 1.32 | 32 | <10.0 | <10.0 | <10.0 |
| SP-8 | 1 | 0.562 | 144 | 17 | 114 | 21.9 |
| | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-9 | 1 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-10 | 2 | 0.542 | 16 | 10.8 | <10.0 | <10.0 |
| SP-11 | 1 | 295 | 32 | 4320 | 1250 | 25 |
| SP-12 | 1 | < 0.300 | 16 | <10.0 | <10.0 | <10.0 |
| | 2 | 0.740 | 32 | 13 | <10.0 | <10.0 |
| SP-17 | 1 | 291 | 336 | 6610 | 1580 | 41.7 |
| | 2 | 26.6 | 224 | 659 | 348 | <10.0 |
| SP-18 | 1 | < 0.300 | 16 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| SP-19 | 1 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-20 | 1 | < 0.300 | 16 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |

11-29-18 Laboratory Report

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH EXT (mg/kg) |
|--------------|-----------------|-----------------|----------------------|--------------------|--------------------|--------------------|
| SP-21 | 1 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-22 | 2 | < 0.300 | 16 | <10.0 | <10.0 | <10.0 |
| SP-23 | 1 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-24 | 1 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| | 2 | < 0.300 | 16 | <10.0 | <10.0 | <10.0 |
| SP-25 | 2 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-26 | 1 | < 0.300 | 32 | 11.3 | <10.0 | <10.0 |

A Geoprobe rig was mobilized to the site on November 29, 2018, to collect vertical delineation soil samples at greater depths. Borings were advanced at the source of the release (B1), along the flow path (B2) and at the pooling area at the end of the flow path (B3). The sampling results are presented on the following data table and the complete laboratory report is attached hereto.

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH EXT (mg/kg) |
|--------------|-----------------|-----------------|----------------------|--------------------|--------------------|--------------------|
| B1 | 4 | 0.941 | 480 | 23.3 | 81.2 | <10.0 |
| | 6 | 0.744 | 240 | <10.0 | 22.9 | <10.0 |
| | 8 | 14.7 | 720 | 419 | 421 | <10.0 |
| | 10 | 399 | 560 | 6310 | 1660 | 54.8 |
| | 12 | 356 | 288 | 4100 | 1140 | 67.4 |
| ~ | 14 | 293 | 32 | 5190 | 1860 | 59 |
| | 16 | 1200 | 160 | 12300 | 2430 | 46 |
| R | 18 | 1.75 | 48 | 19.8 | 16.6 | <10.0 |
| B2 | 4 | 0.390 | 208 | <10.0 | <10.0 | <10.0 |
| | 6 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 8 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| | 10 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| B3 | 4 | 1.65 | 32 | 19.7 | 41.1 | <10.0 |
| | 6 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| | 8 | 5.26 | 32 | 34.9 | 67.1 | <10.0 |
| | 10 | 3.42 | 64 | 36.2 | 77.9 | <10.0 |
| | 12 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| | 14 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |

12-11-18 Laboratory Report, Geoprobe Sampling

R - Refusal with Geoprobe

| Sample ID | Depth (feet) | BTEX (mg/kg) | Chlorides (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH EXT (mg/kg) |
|--------------|-----------------|-----------------|----------------------|--------------------|--------------------|--------------------|
| BG-1 | 0 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| | 1 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-4 | 5 | 473 | <16.0 | 5730 | 992 | <10.0 |
| | 6 | 656 | 16.0 | 8380 | 1500 | <10.0 |
| SP-6 | 3 | 1590 | 16.0 | 18100 | 2590 | <10.0 |
| | 4 | 836 | 16.0 | 9750 | 1450 | 10.8 |
| | 5 | 3.63 | 16.0 | 39.8 | 39.8 | <10.0 |
| SP-11 | 2 | < 0.300 | 16.0 | <10.0 | <10.0 | <10.0 |
| | 3 | < 0.300 | 16.0 | <10.0 | <10.0 | <10.0 |
| | 4 | < 0.300 | <16.0 | <10.0 | <10.0 | <10.0 |
| SP-13 | 3 | < 0.300 | 64 | <10.0 | <10.0 | <10.0 |
| SP-14 | 3 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |
| SP-15 | 3 | < 0.300 | 64 | <10.0 | <10.0 | <10.0 |
| SP-16 | 3 | < 0.300 | 32 | <10.0 | <10.0 | <10.0 |

1-21-19 Laboratory Report

BG - Back Ground Sample

Remedial Actions Completed:

- The flow path was initially excavated to approximately 1-foot deep and the area sampled. Sample locations are shown on the attached Site Plan.
- The impacted area of the flow path from the southwest was excavated to a depth of approximately 2.5-feet BGS extending to the source of the release. This area was backfilled with caliche and machine compacted to facilitate access of heavy equipment to the remaining work areas.
- The impacted area in the vicinity of the source was excavated to approximately 4-feet deep and as close as possible to the Enterprise 1009 Line due to safety concerns.
- The excavation continues from the source area to the northeast along the release flow path at a depth of approximately 2.5-feet deep.
- The impacted soils at the northeast termination point of the flow path (the pooling area previously bermed) has been excavated to a depth of approximately 3-feet BGS.
- All of the impacted material was transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility.

Proposed Closure Activities:

- A 20-mil liner will be installed in the source area excavation and in the pooling area at a depth of 4-feet BGS. The liner will be keyed in at the edges to prevent potential future movement. This will be done to encapsulate the remaining impacted soil at depth. A one foot layer of topsoil or sand will be placed over the liner to prevent damage and the remaining excavation will be backfilled to grade with locally obtained caliche.
- The remaining open excavated areas of the flow path will be backfilled with locally obtained caliche.

If we can provide additional information or be of further assistance, please contact our office at (575)-746-8768.

Respectfully submitted,

Talon/LPE

Chris Jones Project Manager David J. Adkins District Manager

Attachments:Appendix ISite PlanAppendix IIGroundwater Data, Soil SurveyAppendix IIIPhotographic DocumentationAppendix IVLaboratory Reports

APPENDIX I

SITE PLAN



APPENDIX II

GROUNDWATER DATA

SOIL SURVEY

| and Directory Community | | lew Mexico Officer Pr Column/A | | Ŭ | |
|--|---|---|---|----------------------------------|-----------------------------------|
| (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=N (quarters are smallest to largest) | | ers) (In fe | eet) |
| POD Number CP 01701 POD1 | POD Sub- Code basin (CP | Q Q Q County 6416 4 Sec Tws Rng LE 1 3 35 21S 32E | X Y D 626652 3589283 🌍 | istanceDepthWellDept 1197 840 | Water hWater Column 560 280 |
| | | | Average | e Depth to Water: | 560 feet |
| | | | .) | Minimum Depth: | 560 feet |
| | | | ٨ | Aaximum Depth: | 560 feet |
| Record Count:1 | | | | ****** | |
| UTMNAD83 Radiu | is Search (in meter | <u>s):</u> | | | |
| Easting (X): 62 | 7552 | Northing (Y): 3588493 | Radius: 3000 | | |
| The data is furnished by th concerning the accuracy. c | e NMOSE/ISC and is | accepted by the recipient with the expre , usability, or suitability for any particula | essed understanding that the O ar purpose of the data. | SE/ISC make no warranties, o | expressed or implied, |

1/27/19 5:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

| neretar Saran Director Saran | V | | | | | | | | | f the St age D | | | | | |
|--|-------------------------------|--------------------|--------------|-------|--------|--|-------------------|------------|-------------|-------------------|--------------------|--------------------|------------------|--------------|--|
| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer | (R=POD been rep O=orpha | placed, | | (| quar | ers a | re 1=N | JW 2=1 | NF 3=SW | 4=SF) | | | | | |
| serves a water right file.) | C=the fil closed) | C=the file is (q | | | | (quarters are 1=NW 2=NE 3=SW 4 (quarters are smallest to largest) (N | | | | IAD83 UTM in I | meters) | (In f | (In feet) | | |
| | | POD Sub- | | Q | QC | 2 | | | | | | | v | Vater | |
| POD Number CP 01701 POD1 | Code | basin CP | County LE | 64 | | | Tws 21S | | X 626652 | | DistanceDe 1197 | pthWellDept 840 | hWater Co 560 | olumn 280 | |
| <u>C 02821</u> | | С | LE | 2 | 2 3 | 14 | 228 | 32E | 627303 | 3584563* 🍋 | 3937 | 540 | 340 | 200 | |
| <u>C 02096</u> | | CUB | ED | | 2 3 | 14 | 22S | 32E | 627204 | 3584464* 🌍 | 4044 | 435 | 360 | 7 | |
| C 03717 POD1 | | С | LE | 4 | 4 1 | 09 | 22S | 32E | 624094 | 3586365 🌍 | 4060 | 650 | | | |
| | | | | | | | | | | Ave | rage Depth to V | /ater: | 420 fee | ət | |
| | | | | | | | | | | | Minimum De | epth: | 340 fee | ət | |
| | | | | | | | | | | | Maximum De | epth: | 560 fee | ət | |
| Record Count:4 | | | | 1 | | | | | | | | | | | |
| UTMNAD83 Radiu | is Search | (in mete | ers): | | | | | | | | | | | | |
| Easting (X): 62 | 7552 | | North | ning |) (Y): | 358 | 3493 | | | Radius: 5000 | | | | | |
| *UTM location was deriv | | | | l har | 41 | -1-1- | A | b = | | | - 005/100 - 1 | | | | |

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, or suitability for any particular purpose of the data.

1/27/19 5:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Lea County, New Mexico

PU—Pyote and maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq Elevation: 3,000 to 3,900 feet Mean annual precipitation: 10 to 12 inches Mean annual air temperature: 60 to 62 degrees F Frost-free period: 190 to 205 days Farmland classification: Not prime farmland

Map Unit Composition

Maljamar and similar soils: 45 percent Pyote and similar soils: 45 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Maljamar

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand Bt - 24 to 50 inches: sandy clay loam Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: Low (about 5.6 inches)

SDA

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Description of Pyote

Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 2.0
Available water storage in profile: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7s Hydrologic Soil Group: A Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent Ecological site: Sandhills (R042XC022NM) Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 15, Sep 12, 2018



APPENDIX III

PHOTOGRAPHS

Initial Release Photos

Source









Overspray Area



Pooling Area Northeast



Remediation Photos

Excavation Pooling Area



Excavation Source Area







Excavation Flow Paths, Note Benching Side Walls







View Southwest Portion of Flow Path Backfilled to Access Source Area

APPENDIX IV

LABORATORY REPORTS

1



November 05, 2018

DAVID ADKINS TALON LPE 408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ENTERPRISE PIPELINE #1009

Enclosed are the results of analyses for samples received by the laboratory on 10/31/18 11:10.

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 accredited certif.html.

Cardinal Laboratories is accreditated 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,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



.

Analytical Results For:

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

| Received: Reported: Project Name: Project Number: Project Location: | 10/31/2018 11/05/2018 ENTERPRISE PIPELINE #1009 700348.425.01 ENTERPRISE - LEA CO NM | Sampling Date: Sampling Type: Sampling Condition: Sample Received By: | 10/29/2018 Soil Cool & Intact Tamara Oldaker | |
|---|--|--|---|--|
|---|--|--|---|--|

Sample ID: S- 1 0' (H803119-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.12 | 106 | 2.00 | 0.582 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.95 | 97.7 | 2.00 | 0.222 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.86 | 93.2 | 2.00 | 0.180 | |
| Total Xylenes* | 0.174 | 0.150 | 11/02/2018 | ND | 5.77 | 96.2 | 6.00 | 0.209 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 98.0 % 69.8-142

| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 189 | 94.7 | 200 | 0.769 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 208 | 104 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 41-142 | 2 | | _ | | | | |
| Surrogate: 1-Chlorooctadecane | 98.0 | % 37.6-14 | 17 | | | | | | |

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*=Accredited Analyte

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Celleg D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 | |
|-------------------|---------------------------|---------------------|----------------|--|
| Reported: | 11/05/2018 | Sampling Type: | Soil | |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact | |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker | |
| Project Location: | ENTERPRISE - LEA CO NM | | | |

Sample ID: S- 1 1' (H803119-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.12 | 106 | 2.00 | 0.582 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.95 | 97.7 | 2.00 | 0.222 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.86 | 93.2 | 2.00 | 0.180 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2018 | ND | 5.77 | 96.2 | 6.00 | 0.209 | |
| Total BTEX | <0.300 | 0,300 | 11/02/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 97.6 | % 69.8-14 | 2 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 189 | 94.7 | 200 | 0.769 | |
| DR0 >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 208 | 104 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.6 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.6 | % 37.6-14 | 17 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 1 2' (H803119-03)

| BTEX 8021B | mg/kg | | Analyze | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.12 | 106 | 2,00 | 0.582 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.95 | 97.7 | 2.00 | 0.222 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.86 | 93.2 | 2.00 | 0.180 | |
| Total Xylenes* | <0,150 | 0,150 | 11/02/2018 | ND | 5,77 | 96.2 | 6.00 | 0.209 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 97.9 % 69.8-142

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 189 | 94.7 | 200 | 0.769 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 208 | 104 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.5 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.1 | % 37.6-14 | 17 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S-1 3' (H803119-04)

| BTEX 8021B | mg/ | /kg | Analyze | d By: ms | | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0,050 | 0.050 | 11/02/2018 | ND | 2.12 | 106 | 2,00 | 0.582 | | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.95 | 97.7 | 2.00 | 0.222 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.86 | 93.2 | 2.00 | 0.180 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/Ò2/2018 | ND | 5.77 | 96.2 | 6.00 | 0.209 | | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | | |

69.8-142

Surrogate: 4-Bromofluorobenzene (PID 99.8 %

| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO.C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 189 | 94.7 | 200 | 0.769 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 208 | 104 | 200 | 2.32 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | | |
| Surrogate: 1-Chlorooctane | 89.7 | % 41-142 | ? | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.3 | % 37.6-14 | 17 | | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

3

Sample ID: S- 2 0' (H803119-05)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | · |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 0,109 | 0.050 | 11/02/2018 | ND | 1.87 | 93,4 | 2,00 | 1.78 | |
| Ethylbenzene* | 0.168 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2,00 | 1.05 | |
| Total Xylenes* | 1.41 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 1,68 | 0.300 | 11/02/2018 | ND | | | | | |

69.8-142

Surrogate: 4-Bromofluorobenzene (PIL 104 %

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 13,1 | 10.0 | 11/02/2018 | ND | 189 | 94.7 | 200 | 0.769 | |
| DRO >C10-C28* | 61.5 | 10.0 | 11/02/2018 | ND | 208 | 104 | 200 | 2,32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.4 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.7 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager


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

| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 2 1' (H803119-06)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2,02 | 101 | 2.00 | 2.94 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2,00 | 1.05 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 97.6 % 69.8-142

| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 189 | 94.7 | 200 | 0.769 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 208 | 104 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.0 | % 41-142 | , , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.8 | % 37.6-14 | 7 | | | | | | |

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Celleg D. Kerre



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

| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 2 2' (H803119-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | un di internetti internetti internetti internetti internetti internetti internetti internetti internetti interne | " |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|--|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 101 % 69.8-142

| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 189 | 94.7 | 200 | 0.769 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 208 | 104 | 200 | 2.32 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.3 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.8 | % 37.6-14 | 7 | | | | | | |

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Celeg Di Keene

Celey D. Keene, Lab Director/Quality Manager



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

| Received: 10/31/2018 Sampling Date: 10/29/2018 | 10/31/2018 | Sampling Date: | 10/29/2018 |
|---|-------------------------------|---------------------|----------------|
| Reported: 11/05/2018 Sampling Type: Soil | 11/05/2018 | Sampling Type: | Soil |
| Project Name: ENTERPRISE PIPELINE #1009 Sampling Condition: Cool & Intact | ne: ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: 700348.425.01 Sample Received By: Tamara Oldaker | nber: 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: ENTERPRISE - LEA CO NM | ation: ENTERPRISE - LEA CO NM | | |

Sample ID: S- 2 3' (H803119-08)

| BTEX 8021B | mg, | /kg | Analyze | Analyzed By: ms | | v | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1,05 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 98.4 % 69.8-142

| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.5 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 3 0' (H803119-09)

| BTEX 8021B | mg | /kg | Analyze | Analyzed By: ms | | | | | a |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <2.00 | 2.00 | 11/02/2018 | ND | 2.02 | 101 | 2,00 | 2.94 | |
| Toluene* | 36.1 | 2.00 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 28.4 | 2.00 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 194 | 6.00 | 11/02/2018 | ND | 5.49 | 91,5 | 6.00 | 0.781 | |
| Total BTEX | 260 | 12,0 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 113 % 69.8-142

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 512 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 3590 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | 2060 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | 74.3 | 10.0 | 11/01/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 245 | % 41-142 | • | | | | ę | | |
| Surrogate: 1-Chlorooctadecane | 115 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 3 1' (H803119-10)

| BTEX 8021B | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2,94 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1,78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1,05 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2018 | ND | 5.49 | 91,5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 100 %

| Chloride, SM4500CI-B | mg/kg | | Analyzed By: AC | | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 496 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | mg/kg | | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | 12.5 | 10.0 | 11/01/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 41-142 |) | | | | | ` | |
| Surrogate: 1-Chlorooctadecane | 94.5 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 3 3' (H803119-11)

| BTEX 8021B | mg/kg | | Analyze | Analyzed By: ms | | | | | |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 0.082 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 100 | % 69.8-14 | 2 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.7 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 4 0' (H803119-12)

| BTEX 8021B | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 10.6 | 2.00 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 194 | 2.00 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 63.3 | 2.00 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 465 | 6,00 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 733 | 12.0 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 109 % 69.8-142

| Chloride, SM4500Cl-B | mg/kg | | Analyze | Analyzed By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|-----------------|---------------|---------------|---------------|-----------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2680 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | QM-07 |
| TPH 8015M mg/kg | | /kg | Analyzed By: MS | | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 6110 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | 1180 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | 43.6 | 10.0 | 11/01/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 178 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 4 1' (H803119-13)

| 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 | 11/02/2018 | ND | 2.02 | 101 | 2,00 | 2.94 | |
| Toluene* | 0.060 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 0.403 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 0.513 | 0.300 | 11/02/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 102 | % 69.8-14 | 2 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: AC | | | ± mm | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | - 11 - 04 - 0 | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 12.5 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | 27.9 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| | 2712 | 1010 | | | | | | | |

Surrogate: 1-Chlorooctane 85.8 % 41-142 Surrogate: 1-Chlorooctadecane 82.2 % 37.6-147

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Sample ID: S- 4 2' (H803119-14)

| 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 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.87 | 93,4 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 0.265 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 99.9 % 69.8-142

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | 54.9 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/01/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.9 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 4 3' (H803119-15)

| Result <0.050 0.149 <0.050 | Reporting Limit 0.050 0.050 | Analyzed 11/02/2018 | Method Blank ND | BS | % Recovery | True Value QC | RPD | Qualifier |
|--|---|---|--|---|---|---|---|--|
| 0.149 | | | ND | 2.02 | | | | |
| | 0.050 | | | 2.02 | 101 | 2.00 | 2.94 | |
| <0.050 | | 11/02/2018 | ND | 1.87 | 93,4 | 2.00 | 1.78 | |
| ~0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| <0.150 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| <0.300 | 0.300 | 11/02/2018 | ND | | | | | |
| 99.1 % | 69.8-142 | ? | | | | | | |
| mg/l | kg | Analyze | d By: AC | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| 32.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| mg/ | kg | Analyze | d By: MS | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| <10.0 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| <10.0 | 10.0 | 11/01/2018 | ND | | | | | |
| 94.9 % | 6 41-142 | | | | | | | |
| 91.3 % | 6 37.6-147 | 7 | | | | | | |
| < < F : _ F < < | 0.150 0.300 99.1 % mg/l Result 32.0 mg/l Result <10.0 <10.0 <10.0 | 0.150 0.150 0.300 0.300 99.1% 69.8-142 mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 | 0.150 0.150 11/02/2018 0.300 0.300 11/02/2018 99.1 % 69.8-142 mg/kg Analyzed Result Reporting Limit Analyzed 32.0 16.0 11/02/2018 mg/kg Analyzed Result Reporting Limit Analyzed (10.0 10.0 11/01/2018 (10.0 10.0 11/01/2018 (10.0 10.0 11/01/2018 (10.0 10.0 11/01/2018 (10.0 10.0 11/01/2018 (10.0 10.0 11/01/2018 (10.0 10.0 11/01/2018 | 0.150 0.150 11/02/2018 ND 0.300 0.300 11/02/2018 ND 99.1 % 69.8-142 ND mg/kg Analyzed By: AC Result Reporting Limit Analyzed Mg/kg Analyzed By: MS mg/kg Analyzed By: MS Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank (10.0) 10.0 11/01/2018 ND (410.0) 10.0 11/01/2018 ND (40.0) 10.0 11/01/2018 ND (40.0) 10.0 11/01/2018 ND (40.0) 10.0 11/01/2018 ND | 0.150 0.150 11/02/2018 ND 5.49 0.300 0.300 11/02/2018 ND 5.49 99.1 % 69.8-142 ND 99.1 % 69.8-142 mg/kg Analyzed By: AC Method Blank BS 32.0 16.0 11/02/2018 ND 400 mg/kg Analyzed By: MS 400 mg/kg Analyzed By: MS 5 Result Reporting Limit Analyzed Method Blank BS (10.0 10.0 11/01/2018 ND 198 (10.0 10.0 11/01/2018 ND 201 (10.0 10.0 11/01/2018 ND 201 (40.0 10.0 11/01/2018 ND 201 (40.0 10.0 11/01/2018 ND 201 | 0.150 0.150 11/02/2018 ND 5.49 91.5 0.300 0.300 11/02/2018 ND 5.49 91.5 99.1 % 69.8-142 ND ND 5.49 91.5 99.1 % 69.8-142 ND ND 5.49 91.5 99.1 % 69.8-142 Analyzed By: AC Method Blank BS % Recovery 8esult Reporting Limit Analyzed Method Blank BS % Recovery 32.0 16.0 11/02/2018 ND 400 100 mg/kg Analyzed Method Blank BS % Recovery 8esult Reporting Limit Analyzed Method Blank BS % Recovery <10.0 10.0 11/01/2018 ND 198 99.1 <10.0 11/01/2018 ND 201 100 <294.9 % 41-142< | 0.150 0.150 11/02/2018 ND 5.49 91.5 6.00 0.300 0.300 11/02/2018 ND 5.49 91.5 6.00 99.1 % 69.8-142 ND ND 5.49 91.5 6.00 99.1 % 69.8-142 MD MD ND ND | 0.150 0.150 11/02/2018 ND 5.49 91.5 6.00 0.781 0.300 0.300 11/02/2018 ND 5.49 91.5 6.00 0.781 99.1 % 69.8-142 mg/kg Analyzed By: AC Kesult Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 32.0 16.0 11/02/2018 ND 400 100 400 3.92 mg/kg Analyzed Method Blank BS % Recovery True Value QC RPD 32.0 16.0 11/02/2018 ND 400 100 400 3.92 mg/kg Analyzed Method Blank BS % Recovery True Value QC RPD 410.0 10.0 11/01/2018 ND 198 99.1 200 0.876 410.0 10.0 11/01/2018 ND 201 100 200 1.06 40.0 10.0 11/01/2018 ND 201 100 200 1.06 40.9 % 41-142 41-142 |

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Celleg D. Kena

Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 5 0' (H803119-16)

| BTEX 8021B | mg | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 103 | 20.0 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 1260 | 20.0 | 11/02/2018 | ND | 1.87 | 93.4 | 2,00 | 1,78 | |
| Ethylbenzene* | 288 | 20.0 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 2200 | 60.0 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 3860 | 120 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 101 % 69.8-142

| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 432 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 60900 | 100 | 11/02/2018 | ND | 198 | 99,1 | 200 | 0.876 | |
| DRO >C10-C28* | 7760 | 100 | 11/02/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | 383 | 100 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 697 9 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 9 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 5 1' (H803119-17)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 0.802 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 1,31 | 0.050 | 11/02/2018 | ND | 1.77 | 88,7 | 2.00 | 1.05 | |
| Total Xylenes* | 7.91 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 10.0 | 0,300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 133 % 69.8-142

| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 640 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 61,5 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | 127 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | 36.1 | 10.0 | 11/01/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % · 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.8 | % 37.6-14 | !7 | | | | | | |

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Celleg D. Keno



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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 5 3' (H803119-18)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.151 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 1,39 | 0.050 | 11/02/2018 | NÐ | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 0.978 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 7,11 | 0.150 | 11/02/2018 | ND | 5,49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 9.62 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 117 % 69.8-142

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 131 | 10.0 | 11/01/2018 | ND | 198 | 99.1 | 200 | 0.876 | |
| DRO >C10-C28* | 149 | 10.0 | 11/01/2018 | ND | 201 | 100 | 200 | 1.06 | |
| EXT DRO >C28-C36 | 11.7 | 10.0 | 11/01/2018 | ND | | | | | |

37.6-147

Surrogate: 1-Chlorooctadecane 101 %

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 6 0' (H803119-19)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | ····· | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <2.00 | 2.00 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 33.3 | 2.00 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 22.0 | 2.00 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 151 | 6.00 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 206 | 12.0 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 112 % 69.8-142

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1360 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 4010 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1.56 | |
| DR0 >C10-C28* | 3470 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1.54 | |
| EXT DRO >C28-C36 | 119 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 220 | % 41-142 | ? . | | | | | | |
| Surrogate: 1-Chlorooctadecane | 141 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 6 0.5' (H803119-20)

| BTEX 8021B | mg | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 1.81 | 0.500 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 4.06 | 0.500 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 25.2 | 1.50 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 31.1 | 3.00 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 115 % 69.8-142

| Chloride, SM4500CI-B | mg/kg | | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 944 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | • | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 938 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1,56 | |
| DRO >C10-C28* | 1240 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1.54 | |
| EXT DRO >C28-C36 | 59.3 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 151 9 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 : | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 6 1' (H803119-21)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2,00 | 2.94 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2,00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2,00 | 1.05 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 100 % 69.8-142

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | · | | · · · · · · · · · · · · · · · · · · · | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------------------------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1.56 | |
| DRO >C10-C28* | 23.5 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1.54 | |
| EXT DRO >C28-C36 | 12.3 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 37.6-14 | 7 | | | | | | |

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Celeg Di Keene

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 6 2' (H803119-22)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0,050 | 0.050 | 11/02/2018 | ND | 2,02 | 101 | 2.00 | 2.94 | |
| Toluene* | 0.095 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | <0.150 | 0,150 | 11/02/2018 | ND | 5,49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 98.0 % 69.8-142

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|---|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1,56 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1,54 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.2 | % 37.6-14 | 7 | , | | | | | |

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Celleg Di trene

Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 6 3' (H803119-23)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2,00 | 1.05 | |
| Total Xylenes* | <0.150 | 0,150 | 11/02/2018 | ND | 5.49 | 91,5 | 6.00 | 0.781 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 97.8 % 69.8-142

| Chloride, SM4500CI-B | mg/ | kg | / Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1.56 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1,54 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.8 5 | % 41-14 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.7 9 | % 37.6-1- | 47 | | | | | | |

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Celez Derene

Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S- 7 0' (H803119-24)

| BTEX 8021B | mg/kg | | Analyze | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Toluene* | 0,136 | 0.050 | 11/02/2018 | ND | 1.87 | 93.4 | 2.00 | 1.78 | |
| Ethylbenzene* | 0.081 | 0.050 | 11/02/2018 | ND | 1.77 | 88.7 | 2.00 | 1.05 | |
| Total Xylenes* | 0.584 | 0.150 | 11/02/2018 | ND | 5.49 | 91.5 | 6.00 | 0.781 | |
| Total BTEX | 0.800 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 99.6 % 69.8-142

| Chloride, SM4500CI-B | mg/kg | | Analyze | Analyzed By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 10.7 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1,56 | |
| DRO >C10-C28* | 45.7 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1.54 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 37.6-14 | 7 | | | | | | |

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Celeg D. Kene



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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S-7 0.5' (H803119-25)

| 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 | 11/02/2018 | ND | 1.88 | 94.1 | 2.00 | 2.21 | |
| Toluene* | 0.057 | 0.050 | 11/02/2018 | ND | 1.74 | 86.8 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.68 | 83.8 | 2.00 | 3.02 | |
| Total Xylenes* | 0.255 | 0.150 | 11/02/2018 | ND | 5.16 | 86.0 | 6.00 | 2.89 | |
| Total BTEX | 0.312 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 100 % 69.8-142

| Chloride, SM4500Cl-B | mg/kg | | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1.56 | |
| DRO >C10-C28* | 26.7 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1.54 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S-7 1' (H803119-26)

| BTEX 8021B | mg/kg | | Analyze | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1,88 | 94.1 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.74 | 86.8 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.68 | 83.8 | 2.00 | 3.02 | |
| Total Xylenes* | <0,150 | 0,150 | 11/02/2018 | ND | 5.16 | 86.0 | 6.00 | 2.89 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 96.9 % 69.8-142

| Chloride, SM4500Cl-B | mg/kg | | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1.56 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1.54 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | % 41-142 |) | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.6 | % 37.6-14 | 7 | | | | | | |

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| Received: | 10/31/2018 | Sampling Date: | 10/29/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/05/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: S-7 2' (H803119-27)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.88 | 94.1 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.74 | 86.8 | 2.00 | 1.78 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2018 | ND | 1.68 | 83.8 | 2.00 | 3.02 | |
| Total Xylenes* | <0,150 | 0,150 | 11/02/2018 | ND | 5.16 | 86.0 | 6.00 | 2.89 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 100 % 69.8-142

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | • |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/02/2018 | ND | 400 | 100 | 400 | 3.92 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/02/2018 | ND | 205 | 103 | 200 | 1,56 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/02/2018 | ND | 217 | 109 | 200 | 1.54 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/02/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.2 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.2 | % 37.6-14 | 7 | | | | | | |

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

Notes and Definitions

| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
|-------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500CI-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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Sampler - UPS - Bus - Other: **Relinquished By:** Relinquished By: insivers. 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 zervice. 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 subsidiariaes, Delivered By: (Circle One) Sampler Name: Project Location: Project Name: Project #: 700348 425. 01 Project Owner: Enterprise Phone #: City: Project Manager: Company Name: Address: EASE NOTE: Liability and 4803/19 Lab I.D. FOR LAB USE ONLY ates or successors ansing ò £ 575.441.4835 やする 408 Ŵ (575) 393-2326 FAX (575) 393-2476 h S-13 Siz 212 p.h S-N 5 N Enterpre Cardinal's liability and client's exclusive E Sample I.D. D-ADKINS hea a DAVID ADKUS 72/00/LPE Texas ٤À 0 W þ Ν ۵ fime: 10 Fax #: Ś Time: Date: Date: 31-18 State: //W Zip: どぞく Ŕ Rolino Ave 5 Received By: 449 Received By: P (G)RAB OR (C)OMP. Ħ # CONTAINERS 38210 2009 GROUNDWATER Sample Condition Cool Intact WASTEWATER MATRIX SOIL OIL SLUDGE State: OTHER : Fax #: Phone #: City: Attn: P.O. # 700348 4250 Company: Telow/ 1 PC Address: ACID/BASE: PRESERV CHECKED BY: (Initials) ICE / COOL Ġ, 10 14. of the above stated reasons or otherwise. BILLTO OTHER : 1929/13 Zip: DATE SAMPLING 1245 1230 1225 1220 TIME 25 1155 HSO H 1130 p. 10f 3 BTBX 7 TPH 9 Yes Total chlorides R R R R R Add'l Fax #: Add'l Phone #: ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Page 30 of 32 -aboratories

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| 101 East Marland, Hobbs, NM 88240 | 8240 | | | | |
|--|---|--|---|--|-----------|
| (5/5) 393-2326 FAX (| 176 | | | | |
| Company Name: Talon 12 per | | BILLIO | Al Adriante de La Constante e un constante en activitation de la Constante e un constante en activitation de la Constante en activitation de la Constante en activitation de la Constante en activitation de la Constante en activitatione de la Co | ANALYSIS REQUEST | |
| Project Manager: DAV LD ADKWS | | P.O. # 700348 425 | 10501 | | |
| Texa | | Company: Talou/ | | | |
| 124 | 21288 :diz | | | | -1 |
| Phone #: 575.441.4835 Fax #: | | ess: | | | |
| Project #: 700348.425 01 Project Owneri | Enter Prise | City: | | <u></u> | |
| Project Name: Enternise Pipeline | # 1009 | State: Zip: | | | |
| 0 20 | 4 | * | ! | | |
| Sampler Name: D- A-DK IN-S | | Fax #: | E VH | al | |
| FOR LAB USE ONLY | . MATRIX | PRESERV. SAMPLING | | 57 | |
| | RS | | B T | <u>Т</u> | |
| Lab I.D. Sample I.D. | (G)RAB OR # CONTAINE GROUNDW/ WASTEWAT SOIL OIL SLUDGE OTHER : | ACID/BASE: CE/COOL DTHER: | | | |
| 11 5-3 3' | | 1 10 | 1255 6 6 | | |
| 5-4 | | | 1150 1 1 | | |
| 1, 2-2 61 | | | 120 0 1 | | |
| 14 5-4 2' | | | 1250 | | \square |
| 5-4 | | | 130'0 1 | | |
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Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Page 32 of 32 ARDINAL -aboratories



November 29, 2018

CHRIS JONES

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ENTERPRISE PIPELINE #1009

Enclosed are the results of analyses for samples received by the laboratory on 11/21/18 14:00.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 1 - 1' (H803425-01)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.83 | 91.3 | 2,00 | 0.0710 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.78 | 89.1 | 2.00 | 0.920 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.72 | 86.2 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 5.07 | 84.4 | 6.00 | 0.833 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 99.3 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | 11 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10:0 | 11/27/2018 | ND | 215 | 107 | 200 | 8.45 | |
| DRO >C10-C28* | 17.3 | 10.0 | 11/27/2018 | ND | 227 | 114 | 200 | 1.21 | |
| EXT DRO >C28-C36 | 19.9 | 10.0 | 11/27/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.8 | % 41-14. | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.6 | % 37.6-14 | 17 | | | | | | |

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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 1 - 2' (H803425-02)

| BTEX 8021B | mg/k | ٧g | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.83 | 91.3 | 2.00 | 0.0710 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.78 | 89.1 | 2.00 | 0.920 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.72 | 86.2 | 2.00 | 1,08 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 5.07 | 84.4 | 6.00 | 0.833 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 96.9 % | 6 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/l | kg | Analyze | d By: AC | | | | | |

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | _ | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/27/2018 | ND | 215 | 107 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/27/2018 | ND | 227 | 114 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/27/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.4 | % 41-142 |) | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.4 | % 37.6-14 | 7 | | | | | | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| | | | |

Sample ID: SP- 2 - 1' (H803425-03)

| BTEX 8021B | mg/kg | | Analyzed By: MS | | | ananaka di Cali I | | | |
|----------------|--------|-----------------|-----------------|--------------|------|-------------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.83 | 91.3 | 2.00 | 0.0710 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.78 | 89.1 | 2.00 | 0.920 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.72 | 86.2 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 5,07 | 84.4 | 6.00 | 0.833 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 94.5 % 73.3-129

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | <u></u> |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/27/2018 | ND | 215 | 107 | 200 | 8.45 | |
| DRO >C10-C28* | 15.3 | 10.0 | 11/27/2018 | ND | 227 | 114 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/27/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.1 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.3 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| | | | |

Sample ID: SP- 2 - 2' (H803425-04)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.83 | 91.3 | 2.00 | 0.0710 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.78 | 89.1 | 2.00 | 0.920 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.72 | 86.2 | 2,00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 5.07 | 84.4 | 6.00 | 0.833 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIE | 92.5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | Marta |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/27/2018 | ND | 215 | 107 | 200 | 8.45 | |
| DR0 >C10-C28* | 57.6 | 10.0 | 11/27/2018 | ND | 227 | 114 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/27/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.0 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.6 | % 37.6-14 | 7 | | | | | | |

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Celeg Di Keeno-

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 3 - 1' (H803425-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.83 | 91.3 | 2.00 | 0.0710 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.78 | 89.1 | 2.00 | 0.920 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.72 | 86.2 | 2,00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 5.07 | 84.4 | 6.00 | 0.833 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 95.0 % | 6 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | ma/ | ka | Analyze | d By: AC | | | | | |

| Chloride, SM4500CI-B | mg, | кд | Analyze | и ву; ас | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/27/2018 | ND | 215 | 107 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/27/2018 | ND | 227 | 114 | 200 | 1,21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/27/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.0 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.5 | % 37.6-14 | 7 | | | | | | |

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Celeg & Keene



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 3 - 2' (H803425-06)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 1.83 | 91.3 | 2.00 | 0.0710 | |
| Toluene* | 0.140 | 0.050 | 11/28/2018 | ND | 1.78 | 89.1 | 2.00 | 0.920 | |
| Ethylbenzene* | 0.053 | 0.050 | 11/28/2018 | ND | 1.72 | 86.2 | 2,00 | 1.08 | |
| Total Xylenes* | 0.296 | 0.150 | 11/28/2018 | ND | 5.07 | 84.4 | 6.00 | 0.833 | |
| Total BTEX | 0.490 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 94.9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/27/2018 | ND | 215 | 107 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/27/2018 | ND | 227 | 114 | 200 | 1.21 | |

ND

| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/27/2018 |
|-------------------------------|--------|----------|------------|
| Surrogate: 1-Chlorooctane | 88.1 % | 41-142 | |
| Surrogate: 1-Chlorooctadecane | 90.7 % | 37.6-147 | , |

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Celleg Di Keene-



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 4 - 1' (H803425-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | S-04 |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 23.9 | 0.500 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | QM-07 |
| Ethylbenzene* | 24.4 | 0.500 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | QM-07 |
| Total Xylenes* | 132 | 1.50 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | QM-07 |
| Total BTEX | 180 | 3.00 | 11/29/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 155 % 73.3-129

| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 11/29/2018 | ND | 432 | 108 | 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* | 4390 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DR0 >C10-C28* | 1670 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | 57.8 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 123 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 | % 37.6-14 | 7 | | | | | | |

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Celeg to Kenne-



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|----------------------------------|--|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| Project Name: Project Number: | ENTERPRISE PIPELINE #1009 700348.425.01 | Sampling Condition: | Cool & Intact |

Sample ID: SP- 4 - 2' (H803425-08)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | S-04 |
|--------------------------------------|--------|--------------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 24.0 | 0.500 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | 27,5 | 0.500 | 11/29/2018 | ND | 2.18 | 109 | 2,00 | 1.53 | |
| Total Xylenes* | 178 | 1.50 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 229 | 3.00 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 169 9 | % 73.3-12 | 9 | | | | - | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 3800 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | 1310 | 10,0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | 62.3 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 152 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 37. 6-1 4 | 17 | | | | | | |

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Celeg D. Kenne-



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 5 - 1' (H803425-09)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|---------------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 0.051 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2,18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 0.295 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 0.346 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 97.4 | % 73.3-12 | 9 | | | | | | |
| 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 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | 1.000 | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DR0 >C10-C28* | 15.6 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 % 41-142 | | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | <i>95.1</i> | % 37.6-1- | 47 | | | | | | |

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Celleg Di Keene-

Celey D. Keene, Lab Director/Quality Manager


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| Received: 11/21/2018 Sampling Date: 11/20/2018 | |
|---|--|
| Reported: 11/29/2018 Sampling Type: Soil | |
| Project Name: ENTERPRISE PIPELINE #1009 Sampling Condition: Cool & Intact | |
| Project Number: 700348.425.01 Sample Received By: Tamara Oldaker | |
| Project Location: ENTERPRISE - LEA CO NM | |

Sample ID: SP- 5 - 2' (H803425-10)

| BTEX 8021B | mg/kg | | Analyze | d By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 0.276 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2,00 | 1.42 | |
| Ethylbenzene* | 0.074 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 0.452 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 0.802 | 0.300 | 11/29/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 97.7 % 73.3-129

| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | · |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.7 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.2 | % 37.6-14 | 7 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| | | | |

Sample ID: SP- 6 - 1' (H803425-11)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | S-04 |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 1.39 | 0.500 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 64.2 | 0.500 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1,42 | |
| Ethylbenzene* | 47.0 | 0.500 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1,53 | |
| Total Xylenes* | 273 | 1.50 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 386 | 3.00 | 11/29/2018 | ND | | | | | |

73.3-129

Surrogate: 4-Bromofluorobenzene (PIL 187 %

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | i di ditta i | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GR0 C6-C10* | 5330 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DR0 >C10-C28* | 1480 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | 65.8 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 167 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 | % 37.6-14 | 7 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 6 - 2' (H803425-12)

| BTEX 8021B | mg | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 1.94 | 0.500 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 87.2 | 0.500 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | 62.3 | 0.500 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 384 | 1.50 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 535 | 3.00 | 11/29/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 195 % 73.3-129

| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 8620 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | 1800 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | 83.7 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 124 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.4 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| | | | |

Sample ID: SP- 7 - 1' (H803425-13)

| 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 | 11/29/2018 | ND | 2.27 | 114 | 2,00 | 0.353 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2,00 | 1.42 | |
| Ethylbenzene* | 0.066 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 0.429 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 0.495 | 0.300 | 11/29/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 99.5 % 73.3-129

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 10.1 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | 24.7 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | 19.8 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.1 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.8 | % 37.6-14 | 17 | | | | | | |

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 TALON LPE

 CHRIS JONES

 408 W. TEXAS AVE.

 ARTESIA NM, 88210

 Fax To:
 (575) 745-8905

| Received: 11/21/2018 Sampling Date: 11/20/2018 | |
|---|--|
| Reported: 11/29/2018 Sampling Type: Soil | |
| Project Name: ENTERPRISE PIPELINE #1009 Sampling Condition: Cool & Intact | |
| Project Number: 700348.425.01 Sample Received By: Tamara Oldaker | |
| Project Location: ENTERPRISE - LEA CO NM | |

Sample ID: SP- 7 - 2' (H803425-14)

| BTEX 8021B | mg/kg | | Analyzed By: MS | | | - valide de la desta de la | | | |
|----------------|--------|-----------------|-----------------|--------------|------|--|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.067 | 0.050 | 11/29/2018 | ND | 2,27 | 114 | 2.00 | 0.353 | |
| Toluene* | 0.525 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | 0.091 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 0.635 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 1.32 | 0.300 | 11/29/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 98.3 % 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 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | 104 Million | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.1 | % 41-142 |) | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.6 | % 37.6-14 | 7 | | | | | | |

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| Received: 11/21/2018 Sampling Date: 11/20/2018 |
|---|
| Reported: 11/29/2018 Sampling Type: Soil |
| Project Name: ENTERPRISE PIPELINE #1009 Sampling Condition: Cool & Intact |
| Project Number: 700348.425.01 Sample Received By: Tamara Oldaker |
| Project Location: ENTERPRISE - LEA CO NM |

Sample ID: SP- 8 - 1' (H803425-15)

| BTEX 8021B | mg, | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2,00 | 0.353 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2,00 | 1.42 | |
| Ethylbenzene* | 0.073 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1,53 | |
| Total Xylenes* | 0.489 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 0.562 | 0.300 | 11/29/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.3-129

| Chloride, SM4500CI-B | mg/kg | | Analyzed By: AC | | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| ТРН 8015М | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 17.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | 114 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | 21.9 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.0 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.6 | % 37.6-14 | 7 | | | | | | |

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Celez Frence-

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 8 - 2' (H803425-16)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2,18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 97.4 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/27/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/27/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/27/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.4 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.6 | % 37.6-14 | 17 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| | | | |

Sample ID: SP- 9 - 1' (H803425-17)

| 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 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1,53 | |
| Total Xylenes* | <0.150 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |

73.3-129

Surrogate: 4-Bromofluorobenzene (PIL 98.0 %

| 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 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyze | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.8 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.4 | % 37.6-14 | 7 | | | | | | |

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| Received: 11/21/2018 | Sampling Date: | 11/20/2018 |
|--|---------------------|----------------|
| Reported: 11/29/2018 | Sampling Type: | Soil |
| Project Name: ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 9 - 2' (H803425-18)

| BTEX 8021B | mg, | 'kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1,42 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2,18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 97.9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | · 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.5 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.2 | % 37.6-14 | 17 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 10 - 2' (H803425-19)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 0.172 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | 0.055 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 0.315 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 0.542 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 100 | % 73.3-12 | 9 | | | | | | |
| 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 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 10.8 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.0 | % 37.6-14 | 7 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 11 - 1' (H803425-20)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | S-04 |
|--------------------------------------|--------|-------------------|------------|--------------|------|------------|---------------|-------|----------|
| Analyte | Result | * Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | 0.679 | 0.500 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 43,3 | 0.500 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | 36,1 | 0.500 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 215 | 1.50 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 295 | 3.00 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 170 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Chloride | 32.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| GRO C6-C10* | 4320 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | 1250 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | 25.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 151 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 37.6-14 | 17 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 12 - 1' (H803425-21)

| mg/ | 'kg | Analyze | d By: MS | | | | | |
|--------|--|---|--|---|--|---|---|---|
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2,00 | 1.53 | |
| 0.266 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| | Result <0.050 <0.050 <0.050 0.266 | <0.050 0.050 <0.050 0.050 <0.050 0.050 0.266 0.150 | Result Reporting Limit Analyzed <0.050 | Result Reporting Limit Analyzed Method Blank <0.050 | Result Reporting Limit Analyzed Method Blank BS <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050 |

73.3-129

Surrogate: 4-Bromofluorobenzene (PIL 99.9 %

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.4 | % 41-142 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.5 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 12 - 2' (H803425-22)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | antitute | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|----------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2,00 | 0,353 | |
| Toluene* | 0.260 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1,42 | |
| Ethylbenzene* | 0.072 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2,00 | 1,53 | |
| Total Xylenes* | 0.409 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6,00 | 1.62 | |
| Total BTEX | 0.740 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 101 | % 73.3-12 | 9 | | | | | | |
| 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 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 13.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.1 | % 41-14. | 2 | | | | ,, | | |
| Surrogate: 1-Chlorooctadecane | 92.9 | % 37.6-14 | 17 | | | | | | |

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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 17 - 1' (H803425-23)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | | | | | S-04 |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 1.77 | 0.500 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 50.4 | 0.500 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | 37.1 | 0.500 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1,53 | |
| Total Xylenes* | 202 | 1.50 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 291 | 3.00 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 159 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| ТРН 8015М | mg | /kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 6610 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | 1580 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | 41.7 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 176 | % 41-14. | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 37.6-14 | 47 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 17 - 2' (H803425-24)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: MS | | | | | and the second |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | 2,27 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2,00 | 1.53 | |
| Total Xylenes* | 24.3 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | 26.6 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 126 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | Analyzed By: AC | | | · | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 11/29/2018 | 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* | 659 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | 348 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.1 | % 37.6-14 | 17 | | | | | | |

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 18 - 1' (H803425-25)

| BTEX 8021B | mg | mg/kg | | Analyzed By: MS | | contriver | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0.353 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | 0.276 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1.62 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 99.4 % 73.3-129

| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.0 | % 41-142 |) | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.9 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Aveland Dry MC

Sample ID: SP- 18 - 2' (H803425-26)

...

| | | /kg | Analyze | d By: MS | | | | 4.000 | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.27 | 114 | 2.00 | 0,353 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.26 | 113 | 2.00 | 1.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 1.53 | |
| Total Xylenes* | <0.150 | 0.150 | 11/29/2018 | ND | 6.41 | 107 | 6.00 | 1,62 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | i. | |

| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/29/2018 | 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 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.2 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.7 | % 37.6-14 | 17 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 19 - 1' (H803425-27)

| BTEX 8021B | mg/ | mg/kg | | Analyzed By: ms | | | | | |
|----------------|---------|-----------------|------------|-----------------|------|------------|---------------|------|----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | < 0.050 | 0.050 | 11/28/2018 | ND | 2,18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |

111 % Surrogate: 4-Bromofluorobenzene (PIL

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.3 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.3 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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 CHRIS JONES

 408 W. TEXAS AVE.

 ARTESIA NM, 88210

 Fax To:
 (575) 745-8905

| Received: 11/21/2018 Sampling Date: 11/20/2018 | |
|---|--|
| Reported: 11/29/2018 Sampling Type: Soil | |
| Project Name: ENTERPRISE PIPELINE #1009 Sampling Condition: Cool & Intact | |
| Project Number: 700348.425.01 Sample Received By: Tamara Oldaker | |
| Project Location: ENTERPRISE - LEA CO NM | |

Sample ID: SP- 19 - 2' (H803425-28)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 2,18 | 109 | 2.00 | 3,69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2,83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2,73 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 109 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.8 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.0 | % 37.6-14 | 17 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 20 - 1' (H803425-29)

| BTEX 8021B | mg, | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |

73.3-129

Surrogate: 4-Bromofluorobenzene (PIL 107 %

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.0 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.2 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 20 - 2' (H803425-30)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 105 5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.2 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.0 | % 37.6-14 | 17 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 21 - 1' (H803425-31)

| mg, | mg/kg | | Analyzed By: ms | | | | | |
|--------|--|---|--|---|--|---|---|---|
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| <0.050 | 0.050 | 11/28/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| | Result <0.050 <0.050 <0.050 <0.150 | Result Reporting Limit <0.050 | Result Reporting Limit Analyzed <0.050 | Result Reporting Limit Analyzed Method Blank <0.050 | Result Reporting Limit Analyzed Method Blank BS <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050 |

73.3-129

Surrogate: 4-Bromofluorobenzene (PIL 107 %

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|---|---------------|---------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - | | <u></u> | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.7 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.4 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|----------------------------------|--|---------------------------------------|-----------------------|
| Reported: | 11/29/2018 | Sampling Type: Sampling Condition: | Soil Cool & Intact |
| Project Name: Project Number: | ENTERPRISE PIPELINE #1009 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 21 - 2' (H803425-32)

| BTEX 8021B | mg/ | kg | Analyze | l By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 5 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg, | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.7 | % 41-14. | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.9 | % 37.6-1- | 17 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 22 - 2' (H803425-33)

| BTEX 8021B | mg, | /kg | Analyze | d By: ms | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |

 $104 \,\%$ Surrogate: 4-Bromofluorobenzene (PIL

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 231 | 115 | 200 | 18.9 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 253 | 126 | 200 | 17.4 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.7 | % 41-142 | ? | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.8 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 23 - 1' (H803425-34)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/28/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/28/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/28/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 105 9 | 6 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |

| cinoriacy or ribuder a | | | | | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|--------------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | -0- 8 4-44- | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.6 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.5 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| | | | |

Sample ID: SP- 23 - 2' (H803425-39)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|--|--------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0,150 | 0.150 | 11/29/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 106 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | - Andrew - | and a second | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | 4.44.04.0m-m | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 219 | 110 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 256 | 128 | 200 | 2.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.7 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 37.6-14 | 17 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 24 - 1' (H803425-35)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/29/2018 | ND | 6.62 | 110 | 6,00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 \$ | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.8 | % 41-142 |) | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celeg D. Kenne-

103 %

37.6-147



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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 24 - 2' (H803425-36)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/29/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 103 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | -14- | amen | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.2 | % 41-142 | ? | | | | | | |

Surrogate: 1-Chlorooctadecane 93.0 % 37.6-147

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| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |
| | | | |

Sample ID: SP- 25 - 2' (H803425-37)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|------------------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2,18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.08 | 104 | 2.00 | 2,83 | |
| Total Xylenes* | <0.150 | 0.150 | 11/29/2018 | ND | 6.62 | 110 | 6.00 | 2,73 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500CI-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Analyte Result R | | | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/28/2018 | ND | 212 | 106 | 200 | 5.81 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 215 | 107 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.5 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.5 | % 37.6-14 | 7 | | | | | | |

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*=Accredited Analyte

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Celleg & Keene-

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/21/2018 | Sampling Date: | 11/20/2018 |
|-------------------|---------------------------|---------------------|----------------|
| Reported: | 11/29/2018 | Sampling Type: | Soil |
| Project Name: | ENTERPRISE PIPELINE #1009 | Sampling Condition: | Cool & Intact |
| Project Number: | 700348.425.01 | Sample Received By: | Tamara Oldaker |
| Project Location: | ENTERPRISE - LEA CO NM | | |

Sample ID: SP- 26 - 1' (H803425-38)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|---|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2,23 | 112 | 2.00 | 3.62 | |
| Toluene* | <0.050 | 0.050 | 11/29/2018 | ND | 2,18 | 109 | 2.00 | 3.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/29/2018 | ND | 2.08 | 104 | 2.00 | 2.83 | |
| Total Xylenes* | <0,150 | 0.150 | 11/29/2018 | ND | 6.62 | 110 | 6.00 | 2.73 | |
| Total BTEX | <0.300 | 0.300 | 11/29/2018 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 % | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 11/29/2018 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| GRO C6-C10* | 11.3 | 10.0 | 11/28/2018 | ND | 219 | 110 | 200 | 2,37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/28/2018 | ND | 256 | 128 | 200 | 2.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/28/2018 | ND | | | | | |
| Surrogate: 1-Chlorooctane | Surrogate: 1-Chlorooctane 87.3 % 41-142 | | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 37.6-14 | 17 | | | | | | |

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| QM-02 | The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample. |
| 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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Celleg & Keine

| Sampler - UPS - Bus - Other | | Relinguished By: | Lesser works, unique, unique, unique, analyses. All calans: including these for negligene services. In no event shall Cardinal be liable for in affiliates or successors arising out of ar related to | DI EASE NOTE: 11-50% - JU JAR - J. | 9 58-5- | - 12- 05 | 7 SP-4- | 2 47-3- | 12-22 | 2000 | -2-05/8 | 2 58-1- | - SP-1 | CHEBH | Lab I.D. Sa | | FOR LAB USE ONLY | Sampler Name:) אַרְעָבּאָד | Project Location: | Project Name: //pc//ve | Project #: 100 348.42 | Phone #: 575-746- | CITY: HETESIA | Address: 40X W | Project Manager: () | Company Name: / H.o.h | 101 East Maria (575) 393-2326 | | Labo | Page 42 of 45 |
|---|--------------------|--|--|------------------------------------|---------|----------|---------|---------|-------|------|---------|---------|--------|--|---------------------|-------------------------------|-------------------|-----------------------------|-----------------------------|------------------------|--|-------------------|---------------------------|--------------------|---------------------|-----------------------|--|---------------------------------------|-----------|---------------|
| Offer: $3.1c$ $H=77$ Cool Intact (initials) Other: $3.1c$ $H=77$ Tes Tes To (initials) | Time: Received By: | 1-18 Received By: | The second of the second s | | P. | 2, | | | | | | | | (G)R # CC GRO WAS SOIL OIL SLUI OTH ACID ICE / OTH | DGE ER : COOL | (C)omf Ers Mater Ter | A. MATRIX PRESERV | 1) SMEL | Carrier LEA County Phone #: | | 25. 01 Project Owner: Enterphile city: | 8768 Fax #: | State: WM Zip: &SQV Attn: | TERAS HUE company: | >P.o. # | IUDE BILL | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 | | oratories | |
| | REMARKS: | Phone Result: Yes No Add'I Phone #: Fax Result: Yes No Add'I Fax #: | ble. | | | | | | | | | | | DATE TIME K.T. | 3 Ti PH hlo | 5x rid | SAMPLING | -) | | | | | | | | TO ANALYSIS REQUEST | | CHAIN-OF-CUSTODY AND ANALYSIS REQUEST | | |

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City: Project Manager: Chns Company Name: TALIAN Project #: Phone #: Address: 40K w PLEASE NOTE: Ltability and Damages. Cardinarts ltability and clients exclusive romedy for any claim arising whether based in contract or bird, shall be limited to the amount paid by the client for the analyses. All claims including those for nogligence and any other cause whatsoever shall be deemed waived unless made in whing and received by Cardinal whinin 30 days after compiledon of the opplicable service. In no event shall cardinal be liable for incidental or consequential damages, including without incidence, but not incident and use of the sub-claims including those for nogligence and any other cause whatsoever shall be deemed waived unless made in whing and received by Cardinal while 30 days after compiledon of the opplicable service. In no event shall cardinal be liable for incidental or consequential damages, including without incidence, but incide in the more for a service. In no event shall cardinal be liable for incidental or consequential damages, including without incidence, but not incident and the composition of the sub-claims, and the composition of the sub-claims, without the sub-claims incidence of the sub-claims of the composition of the sub-claims, and the composition of the sub-claims, incidence of the sub-claims interruptions, less of uses or for the composition of the sub-claims, and the composition of the sub-claims, and the composition of the sub-claims, and the composition of the compositi Sampler Name: Project Location: Project Name: Relinquished By: Relinguished By Sampler - UPS - Bus - Other: 4 and the ast FOR LABIUSE ONLY Delivered By: Lab I.D. HELESIA 20.08-11-1 ors arising out of or related to the performa ŝ 5 4 700 348. 425 Oproject Owner: ũ N 1 15-146-tree 101 East Marland, Hobbs, NM 88240 2-01-23 126-9-2 名-9-1 5 (575) 393-2326 FAX (575) 393-2476 2-2-2 SP-7-2-SP-6-2 P- X- 1 (Circle One) もし MANUSAR Delos é. ١ Sample I.D. 1EXA2 <u>م</u>ہ ~ 5 Samo P No. Arria ŝ Fax #: Ave Time: 1:00 Date: Time: Date: //-ン/-/ 8 State: NVM 也也 C6# Zip: (G)RAB OR (C)OMP. Cunto Received, By: Received By: Entracion # CONTAINERS OLCXS GROUNDWATER Cool Intact WASTEWATER Sample Condition MATRIX SOIL OIL SLUDGE الع مدينة تركيم ومد State: P.O. #: Fax #: City: Attn: Phone #: Address: Company: OTHER : PRESERV. ACID/BASE: ÷ upon any of the above stated 4 CHECKED BY: (Initials) ICE / COOL BILL TO OTHER : Zip: 001 DATE SAMPLING Ċ Phone Result: Fax Result: REMARKS: TIME 上 3 □ Yes Ext onle U N N N ANALYSIS Add'l Phone #: Add'l Fax #: REQUEST

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Page 43 of 45 ARDINAL _aboratories

City: Sampler Name: Project #: Phone #: Address: 400 Project Manager: Company Name: PLEASE NOTE: Ltability and Domogoe. Cardinal's liability and clients exclusive remery for any claim arising whether based in contract or ten, shall be limited to the ensurt paid by the client for the analyses. All claims including those for negligence and any other cause whotsoever shall be deemed waived unless made in willing and roselved by Cardinal within 30 days after completions of the applicable sorvice. In ne event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by circh, its subsidiaries, sorvice. In ne event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by circh, its subsidiaries, Project Location: Project Name: Relinquished By: Relinduished By: RAGORH Sampler - UPS - Bus - Other: FOR LAB USE ONLY Delivered By: (Circle One) Lab I.D. ARCENTA 50 24 SP-17-2" RU 20 P. K Ś 22/58-12-2 575-746-8768 Fax #: 70348.425.01 Project Owner: Entropose 2 50-19-2 いていいって 58-18-2 58-17-1 20-06-00 (575) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240 $\frac{1-1}{1-3}$ 50-12-1 MAXUMA Properne Eller Com (Mar ٤ ALOW Sample I.D. CAXAJ دهيمدر D (V) Time: 1:00 2 Time: Date: Date: 21-1 & Received By: ALL State: MM 2 100 Diasco for written channes to Utra 302-2226 1-1-2 15# Zip: (G)RAB OR (C)OMP. Received By: (antx # CONTAINERS DIERS GROUNDWATER Sample Condition Cool Intact Tes No No No WASTEWATER vhether such claim is bases MATRIX SOIL and OIL SLUDGE معد . معادد مرکز معام P.O. #: State: Attn: City: OTHER : Phone #: Address: Fax #: Company: PRESERV. ACID/BASE ŧ CHECKED BY: (Initials) AG, ICE / COOL any of the above stated reasons BILLTO OTHER : Zip: DATE SAMPLING E Phone Result Fax Result: REMARKS: TIME (EXT □ Yes rlongle U No No ANALYSIS Add'l Phone : Add'l Fax #: REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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Page 45 of 45

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December 11, 2018

CHRIS JONES

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: 1009

Enclosed are the results of analyses for samples received by the laboratory on 11/30/18 11:25.

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 accredited retificate 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 accreditated 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.

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Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager


| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | Project: Project Number: roject Manager: Fax To: | 700348.425.01 | Reported: 11-Dec-18 14:42 |
|---|---------------|---|-----------------|------------------------------|
| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
| B1-4' | H803515-01 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B1-6' | H803515-02 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 1 - 8' | H803515-03 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 1 - 10' | H803515-04 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 1 - 12' | H803515-05 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B1-14' | H803515-06 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B1-16' | H803515-07 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 1 - 18' | H803515-08 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 2 - 4' | H803515-09 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 2 - 6' | H803515-10 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 2 - 8' | H803515-11 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 2 - 10' | H803515-12 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B3-4' | H803515-13 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B3-6' | H803515-14 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 3 ~ 8' | H803515-15 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B3-10' | H803515-16 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B 3 - 12' | H803515-17 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |
| B3-14' | H803515-18 | Soil | 29-Nov-18 00:00 | 30-Nov-18 11:25 |

This is a revised report with the corrected Total BTEX value for samples -01 thru -08, -13, -15 and -16. This report will replace the one sent on 12/03/18.

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Celley Di Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHR | 348.425.01 | | | 1 | Reported: 1-Dec-18 14:4 | 42 |
|---|--------------|------|-----------------------------|------------------------|------------|---------|---------|-----------|----------------------------|-------|
| | | | | 5 1 - 4' 515-01 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 480 | | 16.0 | mg/kg | 4 | 8113010 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds b | y EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Toluene* | 0.099 | | 0.050 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Ethylbenzene* | 0.131 | | 0.050 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Total Xylenes* | 0.711 | | 0.150 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Total BTEX | 0.941 | | 0.300 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 102 % | 73.3 | -129 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Petroleum Hydrocarbons by G | C FID | | | | | | | | | |
| GRO C6-C10* | 23.3 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 81.2 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 93.0 % | | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogale. I"Chlorobelane | | | 15.0 70 | | i-147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celez Di Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHR | 348.425.01 | | | 1 | Reported: 1-Dec-18 14: | 42 |
|---|------------|------|-----------------------------|----------------------|------------|---------|---------|-----------|---------------------------|-------|
| | | | | 1 - 6' 515-02 (So | oil) | | | | | |
| | <u></u> | | Reporting | | | | | | | |
| Analyte | Result | MDL | Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 240 | | 16.0 | mg/kg | 4 | 8113010 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Toluene* | 0.113 | | 0.050 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Ethylbenzene* | 0.060 | | 0.050 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Total Xylenes* | 0.572 | | 0.150 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Total BTEX | 0.744 | | 0.300 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 97.0 % | 73.3 | -129 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 22.9 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 100 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 111 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celeg B. Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project:1009Reported:Project Number:700348.425.0111-Dec-18 14:4Project Manager:CHRIS JONESFax To:(575) 745-8905 | | | | | | | | | |
|---|---|------|--------------------|------------------------|----------|---------|---------|-----------|----------------|-------|
| | | | | i 1 - 8' 515-03 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds Chloride | 720 | | 16.0 | mg/kg | 4 | 8113010 | AC | 01-Dec-18 | 4500-Cl-B | |
| | | 0001 | 10.0 | mg/kg | -1 | 0115010 | ne | 01 200 10 | 1500 61 5 | 5 A I |
| Volatile Organic Compounds | | 8021 | 0.050 | | 50 | 8113011 | MS | 30-Nov-18 | 8021B | S-04 |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 50 | 8113011 | MS | 30-Nov-18 | 8021B 8021B | |
| Toluene* | 1.39 | | 0.050 | mg/kg mg/kg | 50 50 | 8113011 | MS | 30-Nov-18 | 8021B 8021B | |
| Ethylbenzene* | 1.93 | | 0.050 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Total Xylenes* | 11.4 | | 0.150 0.300 | mg/kg | 50 | 8113011 | MS | 30-Nov-18 | 8021B 8021B | |
| Total BTEX Surrogate: 4-Bromofluorobenzene (PII | 14.7 | | 147 % | | -129 | 8113011 | MS | 30-Nov-18 | 8021B 8021B | |
| Petroleum Hydrocarbons by | | | | | | | | | | |
| GRO C6-C10* | 419 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 421 | | 10.0 | mg/kg | I | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 119 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 115 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celleg Di Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHR | 348.425.01 | | | | Reported: 11-Dec-18 14: | 42 |
|---|------------|------|-----------------------------|------------|------------|---------|---------|-----------|----------------------------|-------------|
| | | | | 1 - 10' | | | | | | |
| | | | H8035 | 515-04 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 560 | | 16.0 | mg/kg | 4 | 8113010 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzenc* | 4.26 | | 1.00 | mg/kg | 1000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Toluene* | 78.2 | | 1.00 | mg/kg | 1000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Ethylbenzene* | 42.5 | | 1.00 | mg/kg | 1000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Total Xylenes* | 274 | | 3.00 | mg/kg | 1000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Total BTEX | 399 | | 6.00 | mg/kg | 1000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 126 % | 73.3 | -129 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | <u>S-04</u> |
| GRO C6-C10* | 6310 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 1660 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | 54.8 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 184 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 122 % | 37.6 | 5-147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celleg Di Kana

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | | | | 1 | Reported: I1-Dec-18 14: | 42 |
|---|------------|------|-----------------------------|-----------------------|----------|---------|---------|-----------|----------------------------|-------------|
| | | | | 1 - 12' 515-05 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds Chloride | 288 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-CI-B | <u></u> |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | S-04 |
| Benzene* | 4.59 | | 0.500 | mg/kg | 500 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Toluene* | 73.8 | | 0.500 | mg/kg | 500 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Ethylbenzene* | 39.1 | | 0.500 | mg/kg | 500 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Total Xylenes* | 238 | | 1.50 | mg/kg | 500 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Total BTEX | 356 | | 3.00 | mg/kg | 500 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 150 % | 73.3 | -129 | 8113011 | MS | 30-Nov-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | <u>S-04</u> |
| GRO C6-C10* | 4100 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 1140 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | 67.4 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 148 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 112 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celley Di Kane



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | 1 | Reported: 1-Dec-18 14:4 | 42 |
|---|------------|------|-----------------------------|-----------------------|------------|---------|---------|-----------|----------------------------|-------|
| | | | | 1 - 14' 515-06 (Se | oil) | | , | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | S-04 |
| Benzene* | 1.91 | | 0.500 | mg/kg | 500 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | 42.9 | | 0.500 | mg/kg | 500 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | 36.1 | | 0.500 | mg/kg | 500 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | 212 | | 1.50 | mg/kg | 500 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | 293 | | 3.00 | mg/kg | 500 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 163 % | 73.3 | -129. | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | S-04 |
| GRO C6-C10* | 5190 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 1860 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | 59.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 187 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 122 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celez Di Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | | Reported: 11-Dec-18 14:4 | 2 |
|---|------------|------|-----------------------------|-----------------------|------------|---------|---------|-----------|-----------------------------|-------|
| | | | | 1 - 16' 515-07 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 160 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | 22.1 | | 5.00 | mg/kg | 5000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Toluene* | 296 | | 5.00 | mg/kg | 5000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Ethylbenzene* | 107 | | 5.00 | mg/kg | 5000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Total Xylenes* | 778 | | 15.0 | mg/kg | 5000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Total BTEX | 1200 | | 30.0 | mg/kg | 5000 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 106 % | 73.3 | -129 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | S-04 |
| GRO C6-C10* | 12300 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 2430 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | 46.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 153 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 125 % | 37.0 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celez D. Kune

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHR | 348.425.01 | | | 1 | Reported: 1-Dec-18 14:4 | 42 |
|---|------------|------|-----------------------------|-----------------------|------------|---------|---------|-----------|----------------------------|-------|
| | | | | 1 - 18' 515-08 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds Chloride | 48.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | 0.135 | | 0.050 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Toluene* | 0.776 | | 0.050 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Ethylbenzene* | 0.109 | 1 | 0.050 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Total Xylenes* | 0.727 | | 0.150 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Total BTEX | 1.75 | | 0.300 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 98.4 % | 73.3 | -129 | 8113011 | MS | 03-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | 19.8 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | 16.6 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | - | 96.1 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 106 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celez D. Kune

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | roject: 1009 Imber: 700348.425.01 nager: CHRIS JONES Fax To: (575) 745-8905 | | | | | Reported: 11-Dec-18 14:42 | | |
|---|------------|------|-----------------------------|--|----------|---------|---------|-----------|------------------------------|-------|--|
| | | | - | 3 2 - 4' 515-09 (Se | oil) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Chloride | 208 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | | |
| Toluene* | 0.123 | | 0.050 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | | |
| Total Xylenes* | 0.267 | | 0.150 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | | |
| Total BTEX | 0.390 | | 0.300 | mg/kg | 50 | 8113011 | MS | 03-Dec-18 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 97.4 % | 73.3 | -129 | 8113011 | MS | 03-Dec-18 | 8021B | | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | I | 8113012 | MS | 30-Nov-18 | 8015B | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | | |
| Surrogate: 1-Chlorooctane | | | 96.7 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 107 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | | |

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Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | | | | 1 | Reported: 1-Dec-18 14:/ | 42 | |
|---|----------------|---------|-----------------------------|------------------------|----------|---------|---------|----------------------------|-----------|-------|
| | | | | 5 2 - 6' 515-10 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds Chloride | 32.0 | <u></u> | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | v EPA Method 3 | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.0 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by G | C FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 93.0 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 101 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celeg Di Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | Project: 1009 Project Number: 700348.425.01 Project Manager: CHRIS JONES Fax To: (575) 745-8905 | | | | | | Reported: 11-Dec-18 14:42 | | |
|---|------------|--|--------------------|----------------------|--|---------|---------|------------------------------|-----------|-------|
| | | | | 2 - 8' 515-11 (Se | ,iD | | | | | |
| | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| L | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | w | | | | | | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.4 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 91.3 % | 41- | 142 | 8113012 | MS | 30-Nov-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 100 % | 37.6 | -147 | 8113012 | MS | 30-Nov-18 | 8015B | |

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Celleg Di Kene



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | 1 | Reported: 11-Dec-18 14: | 42 |
|---|--------------|------|-----------------------------|-----------------------|------------|---------|---------|-----------|----------------------------|-------|
| | | | | 2 - 10' 515-12 (Se | oil) | | | | | |
| Anaiyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | tories | | | | | |
| Inorganic Compounds | | | 16.0 | malla | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4000-CI-B | |
| Volatile Organic Compounds by | y EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 98.3 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by Go | C FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 94.7 % | | 142 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 105 % | 37.6 | -147 | 8113012 | MS | 01-Dec-18 | 8015B | |

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Celez D. Keene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHR | 348,425.01 | | | | Reported: 11-Dec-18 14:4 | 42 |
|---|--------------|------|-----------------------------|---------------------|------------|---------|---------|-----------|-----------------------------|-------|
| | | | | 3 - 4' 15-13 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| | | | 10.0 | | | | | | | |
| Volatile Organic Compounds by | | 8021 | 0.070 | | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Benzene* | < 0.050 | | 0.050 | mg/kg mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | 0.263 | | 0.050 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | 0.192 | | 0.030 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | 1.20 1.65 | | 0.130 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX Surrogate: 4-Bromofluorobenzene (PID) | 1.05 | | 109 % | | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | C FID | | | | | | | | | |
| GRO C6-C10* | 19.7 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| DRO >C10-C28* | 41.1 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 92.4 % | 41- | 142 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 102 % | 37.0 | -147 | 8113012 | MS | 01-Dec-18 | 8015B | |

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4

Celez D. Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | 1 | Reported: 11-Dec-18 14:42 | | | | | | |
|---|------------|------|-----------|------------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 3 - 6' 515-14 (Se | oil) | | | | | |
| | | | Reporting | | | | | | | |
| Analyte | Result | MDL | Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | (500 GL D | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 97.3 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 91.9 % | 41- | 142 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 102 % | 37.0 | 5-147 | 8113012 | MS | 01-Dec-18 | 8015B | |

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Celeg Di Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project: 1009 Reported: Project Number: 700348.425.01 11-Dec-18 14:42 Project Manager: CHRIS JONES Fax To: (575) 745-8905 | | | | | | | | | 42 |
|---|--|------|--------------------|----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 3 - 8' 515-15 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | 22.0 | | 16.0 | malia | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-CI-B | |
| Volatile Organic Compounds | by EPA Method 8 | 8021 | | | | | | | | S-04 |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | 0.537 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | 0.740 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | 3.98 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | 5.26 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PL | D) | | 134 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | 34.9 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| DRO >C10-C28* | 67.1 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 99.3 % | 41- | 142 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 109 % | 37.6 | -147 | 8113012 | MS | 01-Dec-18 | 8015B | |

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Celez D. Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | 1 | Reported: 11-Dec-18 14: | 42 | | | | | |
|---|------------|------|--------------------|----------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 3 - 10' 515-16 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-CI-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | 0.350 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | 0.451 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | 2.62 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | 3.42 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 120 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | 36.2 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| DRO >C10-C28* | 77.9 | | 10.0 | mg/kg | I | 8113012 | MS | 01-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 98.9 % | 41- | 142 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 108 % | 37.6 | -147 | 8113012 | MS | 01-Dec-18 | 8015B | |

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Celeg Di Kerne

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | | Reported: 11-Dec-18 14:4 | 42 |
|---|------------|------|-----------------------------|-----------------------|------------|---------|---------|------------|-----------------------------|-------|
| | | | | 3 - 12' 515-17 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | 22.0 | **** | 16.0 | mg/kg | 4 | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Chloride | 32.0 | | 16.0 | шу/ку | 4 | 8120101 | AC | 01-1300-18 | 4500-01-15 | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 97.4 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | C FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 98.6 % | 41- | 142 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 110 % | 37.6 | -147 | 8113012 | MS | 01-Dec-18 | 8015B | |

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Celez D. Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | 1 | Reported: 11-Dec-18 14:4 | 2 |
|---|---------|------|-----------------------------|-----------------------|------------|---------|---------|-----------|-----------------------------|-------|
| | | | - | 3 - 14' 515-18 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | 32.0 | | 16.0 | mg/kg | | 8120101 | AC | 01-Dec-18 | 4500-Cl-B | |
| Chloride | | | 10.0 | mg/ng | 1 | 0120101 | 110 | 01 200 10 | | |
| Volatile Organic Compounds by | | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (P1D) | | | 99.9 % | 73.3 | -129 | 8113011 | MS | 01-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | 10.1.2. | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 97.4 % | 41- | 142 | 8113012 | MS | 01-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 109 % | 37.6 | i-147 | 8113012 | MS | 01-Dec-18 | 8015B | |

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Celleg Di Kerne

Celey D. Keene, Lab Director/Quality Manager



| TALON LPEProject:1009408 W. TEXAS AVE.Project Number:700348.425.01ARTESIA NM, 88210Project Manager:CHRIS JONESFax To:(575) 745-8905 | Reported: 11-Dec-18 14:42 |
|---|------------------------------|
|---|------------------------------|

Inorganic Compounds - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---|--------|-----------|-------|------------|------------|-------------|--------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | • %REC | Limits | RPD | Limit | Notes |
| Batch 8113010 - General Prep - Wet Chem | | | | | | | | | | |
| Blank (8113010-BLK1) | | | | Prepared & | د Analyzed | : 30-Nov-18 | 6 | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (8113010-BS1) | | | | Prepared & | k Analyzed | : 30-Nov-18 | 8 | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (8113010-BSD1) | | | | Prepared & | k Analyzed | : 30-Nov-18 | 3 | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |
| Batch 8120101 - General Prep - Wet Chem | | | | | | | | | | |
| Blank (8120101-BLK1) | | | | Prepared & | & Analyzed | : 01-Dec-18 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (8120101-BS1) | | | | Prepared & | k Analyzed | : 01-Dec-18 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| LCS Dup (8120101-BSD1) | | | | Prepared & | k Analyzed | : 01-Dec-18 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 0.00 | 20 | |

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*=Accredited Analyte

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Celleg D. Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project: Project Number: Project Manager: Eav To: | 700348.425.01 CHRIS JONES | Reported: 11-Dec-18 14:42 |
|---|--|------------------------------|------------------------------|
| | Fax IO: | (575) 745-8905 | |

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------------|--------|-----------|-------|------------|-------------|-----------|----------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| | | | | | | | | | | |
| Batch 8113011 - Volatiles | | | | | | | | | | |
| Blank (8113011-BLK1) | | | | Prepared & | Analyzed: | 30-Nov-18 | } | | | |
| 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) | 0.0951 | | mg/kg | 0.100 | | 95.1 | 73.3-129 | | | |
| LCS (8113011-BS1) | | | | Prepared & | z Analyzed: | 30-Nov-18 | 3 | | | |
| Benzene | 1.91 | 0.050 | mg/kg | 2.00 | | 95.3 | 72.2-131 | | | |
| Toluene | 1.86 | 0.050 | mg/kg | 2.00 | | 92.8 | 71.7-126 | | | |
| Ethylbenzene | 1.81 | 0.050 | mg/kg | 2.00 | | 90.3 | 68.9-126 | | | |
| Total Xylenes | 5.32 | 0.150 | mg/kg | 6.00 | | 88.7 | 71.4-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0959 | | mg/kg | 0.100 | | 95.9 | 73.3-129 | | | |
| LCS Dup (8113011-BSD1) | | | | Prepared & | z Analyzed: | 30-Nov-18 | 3 | | | |
| Benzene | 1.88 | 0.050 | mg/kg | 2.00 | | 94.0 | 72.2-131 | 1.34 | 6.91 | |
| Toluene | 1.88 | 0.050 | mg/kg | 2.00 | | 93.9 | 71.7-126 | 1.13 | 7.12 | |
| Ethylbenzene | 1.85 | 0.050 | mg/kg | 2.00 | | 92.5 | 68.9-126 | 2.30 | 7.88 | |
| Total Xylenes | 5.44 | 0.150 | mg/kg | 6.00 | | 90.6 | 71.4-125 | 2.20 | 7.46 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.100 | | mg/kg | 0.100 | | 100 | 73.3-129 | | | |
| | | | | | | | | | | |

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Celeg D. Kene

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project: 10 Project Number: 70 Project Manager: Cl | 00348.425.01 | Reported: 11-Dec-18 14:42 |
|---|--|---------------|------------------------------|
| ,, | Fax To: (5 | 575) 745-8905 | |

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---|--------|-----------|-------|------------|-------------|-----------|----------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 8113012 - General Prep - Organics | | | | | | | | | | |
| Blank (8113012-BLK1) | | | | Prepared & | : Analyzed: | 30-Nov-18 | l | | | |
| 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 | | | | | | | |
| Fotal TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 46.7 | | mg/kg | 50.0 | | 93.3 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 52.7 | | mg/kg | 50.0 | | 105 | 37.6-147 | | | |
| LCS (8113012-BS1) | | | | Prepared & | Analyzed: | 30-Nov-18 | 3 | | | |
| GRO C6-C10 | 221 | 10.0 | mg/kg | 200 | | 110 | 76.5-133 | | | |
| DRO >C10-C28 | 228 | 10.0 | mg/kg | 200 | | 114 | 72.9-138 | | | |
| Total TPH C6-C28 | 449 | 10.0 | mg/kg | 400 | | 112 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 52.4 | | mg/kg | 50.0 | | 105 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 56.9 | | mg/kg | 50.0 | | 114 | 37.6-147 | | | |
| LCS Dup (8113012-BSD1) | | | | Prepared & | z Analyzed: | 30-Nov-18 | } | | | |
| GRO C6-C10 | 218 | 10.0 | mg/kg | 200 | | 109 | 76.5-133 | 1.08 | 20.6 | |
| DRO >C10-C28 | 225 | 10.0 | mg/kg | 200 | | 112 | 72.9-138 | 1.37 | 20.6 | |
| Total TPH C6-C28 | 443 | 10.0 | mg/kg | 400 | | 111 | 78-132 | 1.23 | 18 | |
| Surrogate: 1-Chlorooctane | 49.8 | | mg/kg | 50.0 | | 99.6 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 54.3 | | mg/kg | 50.0 | | 109 | 37.6-147 | | | |

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Celez D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|------|--|
| 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 SM4500CI-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. Keine

City: Project Manager: (1) PLEASE NOTE: Liability and Damagee. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tex, shall be limited to the amount paid by the client for the applicable analyses. All claims including those for negligence and any other cause whotscover shall be deemed witwing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including whore limitation, business interruptions, loss of unclikis incurved by client, its subdankes, antifaites or successors ariting out of or related to the performance of services horeunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Replicing USA for Cardinal whether such claim is based upon any of the above stated reasons or otherwise. Replicing USA for Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Replicing USA for Cardinal Phone Result: Project #: 2003-18-125, 01 Project Owner: Entrans Phone #: Address: 408 tw Company Name: Sampler Name: Project Location: Project Name: Sampler - UPS - Bus - Other: Refinquished By: 480351S FOR LAB USE ONLY Delivered By: (Circle One) Lab I.D T-4-5T 0 1 s 5 75-746-8768 Fax # 101 East Marland, Hobbs, NM 88240 5054 (575) 393-2326 FAX (575) 393-2476 P.-6 5-1 51 131-31-ジント 1 J IALUN E C Sample I.D. ۱ ۲ 48 Ľ, FUCT S ž C+XQ G, J õ Carrier CPE \mathcal{O} Date: //-30-/8 Time: /):25 Date: Time: State: /\U//\ Zip: Ĵ) 00 1.0H (G)RAB OR (C)OMP. Received By: # CONTAINERS 6220 GROUNDWATER Sample Condition Cool Intact Tes Tes No No WASTEWATER MATRIX SOIL OIL SLUDGE State: city: P.O. #: Fax #: Attn: OTHER Phone #: Address: Company: PRESERV. ACID/BASE: 4 CHECKED BY: (Initials) ICE / COOL ぞ BILLTO OTHER : Zip: DATE SAMPLING 50 Phone Result: Fax Result: REMARKS: TIME □ Yes (Ext) prole □ No Add'I Phone#: Kush! ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



analyses. All claims including those for negligenco and any other cause whateoever shall be deemed waived unless made in witing and reserved by Cardinal within 30 days after completion of the applicable source. 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 direct its subsidiaries, affigibles or successors attaing out of or related to the performance of services hereundor by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquished By: Sampler - UPS - Bus - Other: City: Delivered By: (Circle One) LEASE NOTE: Liability and Damages. Cardinal's fiability and cilent's exclusive remedy for any cleim arisi Sampler Name: Project Location: UL Project Name: Project #: 700344, 425.01 Address: 식산성 Project Manager: Company Name: Phone #: 480 3515 FOR LAB USE ONLY Lab I.D. r<u>successors arising out of or related to the perfo</u> splished By: Actor 202-144-2102 ∞ 2 ĩ 6 133-133-N 3371 1 1000 22 (575) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240 3 JAKGAR 222 ۱ 14WN NWN Ļ Sample I.D ر. __ DEXE 6 X, 15×19-> (invert ONON 10 Time: 11:25 Date: Time: Date: //-30-/8 Project Owner: Antrony Fax #: Ś State: ///// Zip: ぶんし)い 3 Æ Received By: Received By: G)RAB OR (C)OMP. Ó # CONTAINERS GROUNDWATER Sample Condition Cool Intact TYes TYes No No No WASTEWATER SOIL MATRIX OIL SLUDGE OTHER : Fax #: State: city: Phone #: Attn: Address: Company: P.O. 共 ACID/BASE: PRESERV. id. CHECKED BY: (Initials) ICE / COOL BILL TO OTHER : Zip DATE SAMPLING 跂 Phone Result: Fax Result: REMARKS: TIME <u>ŘTES</u> TPH] Yes Ext V Kush! U U K K Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Selloped of the Page 26 of 26



January 21, 2019

CHRIS JONES

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: 1009

Enclosed are the results of analyses for samples received by the laboratory on 12/20/18 14:05.

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 accredited certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | Project: 1009 oject Number: 70034 oject Manager: CHRIS Fax To: (575) | S JONES | Reported: 21-Jan-19 10:07 |
|---|---------------|---|-----------------|------------------------------|
| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
| BG - 0' | H803741-01 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| BG - 1' | H803741-02 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 4 - 5' | H803741-03 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 4 - 6' | H803741-04 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 6 - 3' | H803741-05 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 6 - 4' | H803741-06 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP6 - 5' | H803741-07 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 11 - 2' | H803741-08 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 11 - 3' | H803741-09 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 11 - 4' | H803741-10 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 13 - 3' | H803741-11 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 14 - 3' | H803741-12 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 15 - 3' | H803741-13 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |
| SP 16 - 3' | H803741-14 | Soil | 20-Dec-18 00:00 | 20-Dec-18 14:05 |

Chlorides for samples -03 through -10 added as per David 01/21/19. This is the revised report with the additional chlorides. This report will replace the one sent on 12/28/18.

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Celeg to Kerre

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project:1009Reported:Project Number:700348.425.0121-Jan-19 10:0Project Manager:CHRIS JONESFax To:(575) 745-8905 | | | | | | | | | 07 |
|---|---|------|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 3G - 0' 741-01 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds | by EPA Method 8 | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PI | D) | | 101 % | 73.3 | -129 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by | GC FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 21-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 21-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 21-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 95.6 % | 41- | 142 | 8122113 | MS | 21-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 95.5 % | 37.6 | -147 | 8122113 | MS | 21-Dec-18 | 8015B | |

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alight Kare



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project:1009Reported:Project Number:700348.425.0121-Jan-19 10Project Manager:CHRIS JONESFax To:(575) 745-8905 | | | | | | | | | 07 |
|---|---|------|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | 3G - 1' 741-02 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 101 % | 73.3 | -129 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 28-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 28-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 28-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 78.2 % | 41- | 142 | 8122113 | MS | 28-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 75.3 % | 37.6 | -147 | 8122113 | MS | 28-Dec-18 | 8015B | |

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Celez Kere



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project:1009ReporteProject Number:700348.425.0121-Jan-19Project Manager:CHRIS JONESFax To:(575) 745-8905 | | | | | | | | | |
|---|--|------|--------------------|------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | P 4 - 5' 741-03 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | 3.57 | | 2.00 | mg/kg | 2000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Toluene* | 118 | | 2.00 | mg/kg | 2000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Ethylbenzene* | 41.3 | | 2.00 | mg/kg | 2000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total Xylenes* | 310 | | 6.00 | mg/kg | 2000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total BTEX | 473 | | 12.0 | mg/kg | 2000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 110 % | 73.3 | -129 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | 5730 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | 992 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 132 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 101 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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Celey E. Kune



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project:1009ReportedProject Number:700348.425.0121-Jan-19Project Manager:CHRIS JONESFax To:(575) 745-8905 | | | | | | | | |)7 |
|---|---|------|--------------------|------------------------|----------|---------|---------|-----------|-----------|-------------|
| | | | | P 4 - 6' 741-04 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | 6.24 | | 5.00 | mg/kg | 5000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Toluene* | 181 | | 5.00 | mg/kg | 5000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Ethylbenzene* | 54.2 | | 5.00 | mg/kg | 5000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total Xylenes* | 414 | | 15.0 | mg/kg | 5000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total BTEX | 656 | | 30.0 | mg/kg | 5000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (P1D) | | | 107 % | 73.3 | -129 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | <u>S-04</u> |
| GRO C6-C10* | 8380 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | 1500 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 148 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 107 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | 2 | Reported: 21-Jan-19 10:(| 07 |
|---|------------|------|-----------------------------|------------|--------------|---------|---------|-----------|-----------------------------|-------------|
| | | | | P 6 - 3' | -11 | | | | | |
| | | | H8037 | /41-05 (Se |))) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | , | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | 20.8 | | 10.0 | mg/kg | 10000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Toluene* | 491 | | 10.0 | mg/kg | 10000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Ethylbenzene* | 129 | | 10.0 | mg/kg | 10000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total Xylenes* | 945 | | 30.0 | mg/kg | 10000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Total BTEX | 1590 | | 60.0 | mg/kg | 10000 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 108 % | 73.3 | -129 | 8122601 | ms | 26-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | <u>S-06</u> |
| GRO C6-C10* | 18100 | | 50.0 | mg/kg | 5 | 8122113 | MS | 26-Dec-18 | 8015B | |
| DRO >C10-C28* | 2590 | | 50.0 | mg/kg | 5 | 8122113 | MS | 26-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <50.0 | | 50.0 | mg/kg | 5 | 8122113 | MS | 26-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 190 % | 41- | 142 | 8122113 | MS | 26-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 112 % | 37.0 | <i>i-147</i> | 8122113 | MS | 26-Dec-18 | 8015B | |

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Celeg Di Kune

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project:1009Reported:Project Number:700348.425.0121-Jan-19 1Project Manager:CHRIS JONESFax To:(575) 745-8905 | | | | | | | | | |
|---|--|------|--------------------|------------|----------|---------|---------|-----------|-----------|-----------------|
| | | | S | P 6 - 4' | | | | | | |
| | | | H8037 | /41-06 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds b | y EPA Method | 8021 | | | | | | | | |
| Benzene* | 7.66 | | 5.00 | mg/kg | 5000 | 8122607 | ms | 27-Dec-18 | 8021B | QM-07, QR-03 |
| Toluene* | 223 | | 5.00 | mg/kg | 5000 | 8122607 | ms | 27-Dec-18 | 8021B | QM-07 |
| Ethylbenzene* | 71.9 | | 5.00 | mg/kg | 5000 | 8122607 | ms | 27-Dec-18 | 8021B | QM-07 |
| Total Xylenes* | 534 | | 15.0 | mg/kg | 5000 | 8122607 | ms | 27-Dec-18 | 8021B | QM-07 |
| Total BTEX | 836 | | 30.0 | mg/kg | 5000 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 105 % | 73.3 | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by G | <u>C FID</u> | | | | | | | | | S-04 |
| GRO C6-C10* | 9750 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | 1450 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | 10.8 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 149 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 107 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project:1009ReporteProject Number:700348.425.0121-Jan-19Project Manager:CHRIS JONESFax To:(575) 745-8905 | | | | | | | | | 07 |
|---|--|------|--------------------|-----------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | P6 - 5' /41-07 (Sc | vil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| · . | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | 16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | 0.082 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Toluene* | 0.930 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Ethylbenzene* | 0.306 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total Xylenes* | 2.31 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total BTEX | 3.63 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorohenzene (PID) | | | 107 % | 73.3 | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | 39.8 | | 10.0 | mg/kg | l | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | 39.8 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 93.2 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 88.2 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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|---|--|------|--------------------|-------------------------|----------|---------|---------|------------------------------|-----------|-------|
| | | | | 2 11 - 2' 741-08 (Se | vil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | 16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| | | 0031 | 10.0 | | | | | | | |
| Volatile Organic Compounds by | <0.050 | 8021 | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Benzene* Toluene* | < | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Ethylbenzene* | <0.030 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total Xylenes* | <0.050 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.000 | | 99.9 % | 73.3 | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122102 | MS | 21-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122102 | MS | 21-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122102 | MS | 21-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 96.2 % | 41- | 142 | 8122102 | MS | 21-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 94.6 % | 37.6 | -147 | 8122102 | MS | 21-Dec-18 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | Project: 1009 Project Number: 700348.425.01 Project Manager: CHRIS JONES Fax To: (575) 745-8905 | | | | | | | | Reported: 21-Jan-19 10:07 | | |
|---|-----------------|--|--------------------|-------------------------|--|---------|-----------|-----------|-----------|------------------------------|--|--|
| | | | | P 11 - 3' 741-09 (Se | nil) | | | | | | | |
| | | | | 11-07 (50 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | l Laborat | ories | | | | | | | |
| <u>Inorganic Compounds</u> Chloride | 16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-CI-B | | | |
| Volatile Organic Compounds | by EPA Method 8 | 8021 | | | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | | | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | | | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | | | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (P1D) | | 100 % | 73.3-129 | | 8122607 | ms | 27-Dec-18 | 8021B | | | | |
| Petroleum Hydrocarbons by G | GC FID | | | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | | | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | | | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | | | |
| Surrogate: 1-Chlorooctane | | | 96.8 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | | | |
| Surrogate: 1-Chlorooctadecane | | | 95.3 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | | | |

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Celey D. Keene, Lab Director/Quality Manager


| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Proj Project Num Project Mana Fax | Reported: 21-Jan-19 10:07 | | | | | | |
|---|------------|------|--|------------------------------|----------|---------|---------|-----------|-------------|-------|
| | | | | 2 11 - 4' /41-10 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 99.3 % | 73.3 | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 94.6 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 96.4 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | 2 | Reported: 21-Jan-19 10:(| 07 |
|---|------------|------|-----------------------------|-------------------------|------------|---------|---------|-----------|-----------------------------|-------|
| | | | | 2 13 - 3' 741-11 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | A | | | |
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 102 % | 73.3 | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | 1 | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 93.4 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 92.3 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana Fax | ger: CHF To: (57 | 348.425.01 | | | 2 | Reported: 21-Jan-19 10: | 07 |
|---|--------------|------|------------------------------------|-------------------------|------------|---------|---------|-----------|----------------------------|-------|
| | | | | P 14 - 3' 741-12 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | ****** | | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | y EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 101 % | 73.3 | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by Go | C FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 95.9 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 94.8 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project: 1009 Reported: Project Number: 700348.425.01 21-Jan-19 10: Project Manager: CHRIS JONES Fax To: Fax To: (575) 745-8905 21-Jan-19 10: | | | | | | | | | |
|---|---|------|--------------------|-------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | | P 15 - 3' 741-13 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | · | | 0.000 | |
| Chloride | 64.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 99.9 % | 73.3 | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | l | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | I | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 98.2 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 96.8 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | | | Project Num Project Mana | ger: CHF | 348.425.01 | | | 2 | Reported: 21-Jan-19 10:(| 07 |
|---|--------|------|-----------------------------|-------------------------|------------|---------|---------|-----------|-----------------------------|-------|
| | | | | 2 16 - 3' /41-14 (Se | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds Chloride | 32.0 | | 16.0 | mg/kg | 4 | 8122111 | AC | 27-Dec-18 | 4500-Cl-B | |
| | | 0031 | 1010 | 0.0 | | | | | | |
| Volatile Organic Compounds by | <0.050 | 8021 | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Benzene* Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total Xylenes* | <0.050 | | 0.150 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Total BTEX | <0.130 | | 0.300 | mg/kg | 50 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 101 % | | -129 | 8122607 | ms | 27-Dec-18 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | 8010 |
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| DRO >C10-C28* | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 96.8 % | 41- | 142 | 8122113 | MS | 22-Dec-18 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 95.8 % | 37.6 | -147 | 8122113 | MS | 22-Dec-18 | 8015B | |

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Celey D. Keene, Lab Director/Quality Manager



| TALON LPEProject:1009Reported:408 W. TEXAS AVE.Project Number:700348.425.0121-Jan-19 10ARTESIA NM, 88210Project Manager:CHRIS JONESFax To:(575) 745-8905 |
|--|
|--|

Inorganic Compounds - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------|-------|----------------|------------------|-----------|----------------|------|--------------|-------|
| Batch 8122111 - General Prep - Wet Chem | | | | | | | | | | |
| Blank (8122111-BLK1) | | | | Prepared & | Analyzed: | 21-Dec-18 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (8122111-BS1) | | | | Prepared & | Analyzed: | 21-Dec-18 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (8122111-BSD1) | | | | Prepared & | z Analyzed: | 21-Dec-18 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 3.77 | 20 | |

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Celey D. Keene, Lab Director/Quality Manager



Volatile Organic Compounds by EPA Method 8021 - Quality Control Cardinal Laboratories

| | | Carun | | of ator ies | | | | | | |
|---------------------------------------|--------|--------------------|-------|----------------|------------------|-----------|----------------|------|--------------|---------------|
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch 8122601 - Volatiles | | | | | | | | | 1 | 118.41-1574 - |
| Blank (8122601-BLK1) | | | | Prepared & | 2 Analyzed: | 26-Dec-18 | 3 | | | |
| 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) | 0.103 | | mg/kg | 0.100 | | 103 | 73.3-129 | | | |
| LCS (8122601-BS1) | | | | Prepared & | 2 Analyzed: | 26-Dec-18 | 3 | | | |
| Benzene | 1.90 | 0.050 | mg/kg | 2.00 | | 94.8 | 72.2-131 | | | |
| Toluene | 1.88 | 0.050 | mg/kg | 2.00 | | 94.2 | 71.7-126 | | | |
| Ethylbenzene | 1.87 | 0.050 | mg/kg | 2.00 | | 93.6 | 68.9-126 | | | |
| Total Xylenes | 5.86 | 0.150 | mg/kg | 6.00 | | 97.7 | 71.4-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0973 | | mg/kg | 0.100 | | 97.3 | 73.3-129 | | | |
| LCS Dup (8122601-BSD1) | | | | Prepared & | k Analyzed: | 26-Dec-18 | 3 | | | |
| Benzene | 2.30 | 0.050 | mg/kg | 2.00 | | 115 | 72.2-131 | 19.4 | 6.91 | QR-0 |
| Toluene | 2.30 | 0.050 | mg/kg | 2.00 | | 115 | 71.7-126 | 19.9 | 7.12 | QR-0 |
| Ethylbenzene | 2.28 | 0.050 | mg/kg | 2.00 | | 114 | 68.9-126 | 19.6 | 7.88 | QR-0 |
| Total Xylenes | 7.11 | 0.150 | mg/kg | 6.00 | | 119 | 71.4-125 | 19.3 | 7.46 | QR-0 |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0993 | | mg/kg | 0.100 | | 99.3 | 73.3-129 | | | |
| Batch 8122607 - Volatiles | | | | | | | | | | |
| Blank (8122607-BLK1) | | | | Prepared & | k Analyzed: | 26-Dec-18 | 3 | | | |
| 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 | | | | | | | |
| | | | | | | | | | | |

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Surrogate: 4-Bromofluorobenzene (PID)

Total BTEX

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mg/kg

mg/kg

0.100

101

73.3-129

ND

0.101

0.300

Celez Litera

Celey D. Keene, Lab Director/Quality Manager



| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project: Project Number: Project Manager: Fay To: | 700348.425.01 CHRIS JONES | Reported: 21-Jan-19 10:07 | |
|---|--|------------------------------|------------------------------|--|
| | Fax To: | (575) 745-8905 | | |

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------------|---------|-----------|-------|------------|-------------|-----------|----------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 8122607 - Volatiles | Scentry | | | | | | | | | |
| LCS (8122607-BS1) | | | | Prepared & | z Analyzed: | 26-Dec-18 | | | | |
| Benzene | 2.01 | 0.050 | mg/kg | 2.00 | | 100 | 72.2-131 | | | |
| Toluene | 1.95 | 0.050 | mg/kg | 2.00 | | 97.7 | 71.7-126 | | | |
| Ethylbenzene | 1.96 | 0.050 | mg/kg | 2.00 | | 97.9 | 68.9-126 | | | |
| Total Xylenes | 6.04 | 0.150 | mg/kg | 6.00 | | 101 | 71.4-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0971 | | mg/kg | 0.100 | | 97.1 | 73.3-129 | | | |
| LCS Dup (8122607-BSD1) | | | | Prepared & | z Analyzed: | 26-Dec-18 | 8 | | | |
| Benzene | 2.35 | 0.050 | mg/kg | 2.00 | | 117 | 72.2-131 | 15.6 | 6.91 | QR-02 |
| Toluene | 2.30 | 0.050 | mg/kg | 2.00 | | 115 | 71.7-126 | 16.0 | 7.12 | QR-0 |
| Ethylbenzene | 2.29 | 0.050 | mg/kg | 2.00 | | 114 | 68.9-126 | 15.4 | 7.88 | QR-03 |
| Total Xylenes | 7.05 | 0.150 | mg/kg | 6.00 | | 118 | 71.4-125 | 15.5 | 7.46 | QR-0. |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0969 | | mg/kg | 0.100 | | 96.9 | 73.3-129 | | | |

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Petroleum Hydrocarbons by GC FID - Quality Control

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| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------|-------|----------------|------------------|-----------|----------------|------|--------------|-------|
| Batch 8122102 - General Prep - Organics | | | | | | | | | | |
| Blank (8122102-BLK1) | | | | Prepared & | 2 Analyzed: | 21-Dec-18 | | | | |
| 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 | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 47.6 | | mg/kg | 50.0 | | 95.2 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 47.8 | | mg/kg | 50.0 | | 95.7 | 37.6-147 | | | |
| LCS (8122102-BS1) | | | | Prepared & | z Analyzed: | 21-Dec-18 | | | | |
| GRO C6-C10 | 199 | 10.0 | mg/kg | 200 | | 99.4 | 76.5-133 | | | |
| DRO >C10-C28 | 221 | 10.0 | mg/kg | 200 | | 111 | 72.9-138 | | | |
| Total TPH C6-C28 | 420 | 10.0 | mg/kg | 400 | | 105 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 50.8 | | mg/kg | 50.0 | | 102 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 49.8 | | mg/kg | 50.0 | | 99.6 | 37.6-147 | | | |
| LCS Dup (8122102-BSD1) | | | | Prepared & | & Analyzed: | 21-Dec-18 | | | | |
| GRO C6-C10 | 201 | 10.0 | mg/kg | 200 | | 100 | 76.5-133 | 1.11 | 20.6 | |
| DRO >C10-C28 | 227 | 10.0 | mg/kg | 200 | | 113 | 72.9-138 | 2.44 | 20.6 | |
| Total TPH C6-C28 | 428 | 10.0 | mg/kg | 400 | | 107 | 78-132 | 1.82 | 18 | |
| Surrogate: 1-Chlorooctane | 50.9 | | mg/kg | 50.0 | | 102 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 49.3 | | mg/kg | 50.0 | | 98.6 | 37.6-147 | | | |

| Blank (8122113-BLK1) | | | | Prepared & Anal | yzed: 21-Dec-18 | } | |
|-------------------------------|------|--------|-------|-----------------|-----------------|----------|--|
| 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 | | | | |
| Total TPH C6-C28 | ND | . 10.0 | mg/kg | | | | |
| Surrogate: 1-Chlorooctane | 47.9 | | mg/kg | 50.0 | 95.7 | 41-142 | |
| Surrogate: 1-Chlorooctadecane | 49.8 | | mg/kg | 50.0 | 99.5 | 37.6-147 | |

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| TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 | Project: Project Number: Project Manager: Fax To: | 700348.425.01 | Reported: 21-Jan-19 10:07 |
|---|--|---------------|------------------------------|
|---|--|---------------|------------------------------|

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---|--------|-----------|-------|-------------|-------------|-------------|----------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 8122113 - General Prep - Organics | | | | | | | | | | |
| LCS (8122113-BS1) | | | | Prepared: 2 | 21-Dec-18 / | Analyzed: 2 | 2-Dec-18 | | | |
| GRO C6-C10 | 209 | 10.0 | mg/kg | 200 | | 104 | 76.5-133 | | | |
| DRO >C10-C28 | 264 | 10.0 | mg/kg | 200 | | 132 | 72.9-138 | | | |
| Total TPH C6-C28 | 473 | 10.0 | mg/kg | 400 | | 118 | 78-132 | | | |
| Surrogate: 1-Chlorooctane | 54.0 | | mg/kg | 50.0 | | 108 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 54.6 | | mg/kg | 50.0 | | 109 | 37.6-147 | | | |
| LCS Dup (8122113-BSD1) | | | | Prepared & | & Analyzed: | 21-Dec-18 | 5 | | | |
| GRO C6-C10 | 202 | 10.0 | mg/kg | 200 | | 101 | 76.5-133 | 3.58 | 20.6 | |
| DRO >C10-C28 | 215 | 10.0 | mg/kg | 200 | | 108 | 72.9-138 | 20.5 | 20.6 | |
| Total TPH C6-C28 | 417 | 10.0 | mg/kg | 400 | | 104 | 78-132 | 12.7 | 18 | |
| Surrogate: 1-Chlorooctane | 52.6 | | mg/kg | 50.0 | | 105 | 41-142 | | | |
| Surrogate: 1-Chlorooctadecane | 53.3 | | mg/kg | 50.0 | | 107 | 37.6-147 | | | |

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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. |
|-------|---|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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