.

| 1 | ocation of spill: | | | | | | E CALCULATION , -104.172109) | Date of Spill: | | 4/16/2024 |
|--|--|-----------|---|--------|--------------------------------------|---|---------------------------------|--|--|------------------------------|
| - | ocation of spin. | | | | (| 52.01514- | , -104.172103) | · - | | |
| | | | | | | | | Site Soil Type: | | LN— Largo-Stony land complex |
| Estimat | ed Daily Production Loss: | 0 | BBL Oil | 1432 | BBL Water | | | | | |
| | | Area Calc | ulations | | | | | | | |
| Total Surface Area | width | | length | | wet soil dep | | | | | |
| Rectangle Area #1 | 48.0 ft | Х | 1,456.0 ft | Х | 5.0 ir | | | | | |
| Rectangle Area #2 | ft | Х | ft | х | ir | | | | | |
| Rectangle Area #3 | ft | Х | ft | Х | ir | | | | | |
| Rectangle Area #4 | ft | Х | ft | Х | ir | | | | | |
| Rectangle Area #5 | ft | Х | ft | X | ir | | | | | |
| Rectangle Area #6 | ft | X X | ft ft | X | ir | | | | | |
| Rectangle Area #7 Rectangle Area #8 | ft ft | X | ft | X X | ir ir | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Porosity | 0.250 gal per gal | | | | | | | | | |
| Saturated | Soil Volume Calculatio | ns: | | | | | | | | • |
| | | | <u>H2O</u> | | OIL | | | Soil Type | Porosity | |
| Area #1 | 69,888 sq. ft. | | 29,295 cu. ft. | | C | cu. ft. | | Clay | 0.15 | |
| Area #2 | 0 sq. ft. | | cu. ft. | | c | u. ft. | | Peat | 0.40 | |
| | | | | | | | | | | |
| | | | | | c | u ft | | | | |
| Area #3 | 0 sq. ft. | | cu. ft. | | | cu. ft. | | Glacial Sediments | 0.13 | |
| Area #3 Area #4 | 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. | | C | cu. ft. | | Glacial Sediments Sandy Clay | 0.13 0.12 | |
| Area #3 Area #4 Area #5 | 0 sq. ft. 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. cu. ft. | | c | cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt | 0.13 0.12 0.16 | |
| Area #3 Area #4 Area #5 Area #6 | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. | | c c c | cu. ft. cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess | 0.13 0.12 0.16 0.25 | |
| Area #3 Area #4 Area #5 | 0 sq. ft. 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. cu. ft. | | c c c | cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand | 0.13 0.12 0.16 0.25 0.16 | |
| Area #3 Area #4 Area #5 Area #6 | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. | | | cu. ft. cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess | 0.13 0.12 0.16 0.25 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. | | | cu. ft. cu. ft. cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand | 0.13 0.12 0.16 0.25 0.16 0.25 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. | | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand | 0.13 0.12 0.16 0.25 0.16 0.25 0.25 0.25 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. | | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand | 0.13 0.12 0.16 0.25 0.16 0.25 0.25 0.26 0.26 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. | | c c c c c | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel | 0.13 0.12 0.16 0.25 0.16 0.25 0.25 0.26 0.26 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> | | 0 0 0 0 0 0 0 0 | su. ft. su. ft. su. ft. su. ft. su. ft. su. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 Total Solid/Liquid Volume: <u>Estimate</u> | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. | | 0 0 0 0 0 0 0 0 | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 0.18 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 Total Solid/Liquid Volume: <u>Estimate</u> Liqu | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. d Volumes Spilled | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> | | 0.0 E | su. ft. su. ft. su. ft. su. ft. su. ft. su. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 Total Solid/Liquid Volume: <u>Estimate</u> Liqu | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. d Volumes Spilled | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> 1304.3 BBL | | 0.0 E | su. ft. su. ft. su. ft. su. ft. su. ft. su. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel Coarse Gravel Sandstone | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 0.18 0.25 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 Total Solid/Liquid Volume: <u>Estimate</u> Liqu Liquid Re | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. d Volumes Spilled uid in Soil: covered : | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> 1304.3 BBL <u>128.0 BBL</u> | | 0.0 E 0.0 0.0 E | au, ft. au, ft. au, ft. au, ft. au, ft. BBL BBL | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel Coarse Gravel Sandstone Siltstone | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 0.18 0.25 0.18 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 otal Solid/Liquid Volume: <u>Estimate</u> Liqu Liquid Re | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. d Volumes Spilled uid in Soil: covered : spill Liquid | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> 1304.3 BBL | 1100 0 | 0.0 E 0.0 0.0 E | su. ft. su. ft. su. ft. su. ft. su. ft. su. ft. | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel Coarse Gravel Sandstone Siltstone Shale | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 0.18 0.25 0.18 0.25 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 otal Solid/Liquid Volume: <u>Estimate</u> Liqu Liquid Re | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. d Volumes Spilled uid in Soil: covered : | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> 1304.3 BBL <u>128.0 BBL</u> | 1432.3 | 0.0 E 0.0 0.0 E | au, ft. au, ft. au, ft. au, ft. au, ft. BBL BBL | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel Coarse Gravel Sandstone Siltstone Shale Limestone | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 0.18 0.25 0.18 0.25 0.18 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 otal Solid/Liquid Volume: <u>Estimate</u> Liqu Liquid Re | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. d Volumes Spilled uid in Soil: covered : spill Liquid | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> 1304.3 BBL <u>128.0 BBL</u> | 1432.3 | 0.0 E 0.0 0.0 E | au, ft. au, ft. au, ft. au, ft. au, ft. BBL BBL | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel Coarse Gravel Sandstone Siltstone Shale Limestone Basalt | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 0.18 0.25 0.18 0.25 0.18 0.25 0.18 0.25 0.13 0.19 | |
| Area #3 Area #4 Area #5 Area #6 Area #7 Area #8 otal Solid/Liquid Volume: <u>Estimate</u> Liqu Liquid Re S Total Sp | 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 0 sq. ft. 69,888 sq. ft. d Volumes Spilled uid in Soil: covered : spill Liquid | | cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. cu. ft. 29,295 cu. ft. <u>H20</u> 1304.3 BBL <u>128.0 BBL</u> | 1432.3 | 0.0 E 0.0 0.0 E | au, ft. au, ft. au, ft. au, ft. au, ft. BBL BBL | | Glacial Sediments Sandy Clay Silt Loess Fine Sand Medium Sand Coarse Sand Gravely Sand Fine Gravel Medium Gravel Coarse Gravel Sandstone Siltstone Shale Limestone | 0.13 0.12 0.16 0.25 0.16 0.25 0.26 0.26 0.26 0.26 0.25 0.18 0.25 0.18 0.25 0.18 | |

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

| Incident ID | NAPP2410759719 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party Lonfellow Energy, LP | ^{OGRID} 372210 | | |
|--|--------------------------------|--|--|
| Contact Name David Cain | Contact Telephone 972-590-9918 | | |
| Contact email david.cain@longfellowenergy.com | | | |
| Contact mailing address 8115 Preston Road, Suite 800, Dall | as, TX 75225 | | |

Location of Release Source

Latitude 32.813144

Longitude -104.172109

(NAD 83 in decimal degrees to 5 decimal places)

| Site Name Elvis to Impoundment Pipeline | Site Type |
|---|----------------------|
| Date Release Discovered 04/16/2024 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| М | 22 | 17S | 28E | Eddy |

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|-----------------------|--|---|
| Produced Water | Volume Released (bbls) 1,482 | Volume Recovered (bbls) 128 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| | | |
| Cause of Release Equi | pment Failure | |
| | | |
| | | |
| | | |
| 1 | | |

| ge 2 Oil Conservation Division District RP Facility ID Application ID Was this a major release as defined by 19.15.29.7(A) NMAC? If YES, for what reason(s) does the responsible party consider this a major release? Yes, PER THE DEFINITION IN 19.15.29.7.A, THIS RELEASE MEETS THE DEFINITION OF AN UNAUTHORIZED RELEASE OF A VOLUME OF 25 BBLS OR MORE AND IS THUS A MAJOR RELEASE. | III C-141 | 4 3:22:44 PM State of New Mexico | Incident ID | NAPP2410759719 |
|---|-----------|-------------------------------------|----------------|----------------|
| Was this a major release as defined by 19.15.29.7(A) NMAC? If YES, for what reason(s) does the responsible party consider this a major release? YES, PER THE DEFINITION IN 19.15.29.7.A, THIS RELEASE MEETS THE DEFINITION OF AN UNAUTHORIZED RELEASE OF A VOLUME OF 25 BBLS OR MORE AND IS THUS A MAJOR RELEASE. | ge 2 | Oil Conservation Division | District RP | |
| Was this a major release as defined by 19.15.29.7(A) NMAC? UNAUTHORIZED RELEASE OF A VOLUME OF 25 BBLS OR MORE AND IS THUS A MAJOR RELEASE. | | | Facility ID | |
| release as defined by 19.15.29.7(A) NMAC? UNAUTHORIZED RELEASE OF A VOLUME OF 25 BBLS OR MORE AND IS THUS A MAJOR RELEASE. | | | Application ID | |
| | | | | |
| | | | | |

Initial Response

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

 \checkmark The source of the release has been stopped.

NOR SUBMITTED ONLINE

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

| Printed Name: | Title: |
|---------------|------------|
| Signature: | Date: |
| email: | Telephone: |
| | |
| OCD Only | |
| Received by: | Date: |
| | |

Received by OCD: 7/11/2024 3:22:44 PM Form C-141 State of New Mexico

Oil Conservation Division

| | Page 4 of 24 |
|----------------|----------------|
| Incident ID | NAPP2410759719 |
| 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? | NA (ft bgs) |
|---|-------------|
| Did this release impact groundwater or surface water? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | 🗹 Yes 🗌 No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | 🗌 Yes 🗹 No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | 🗌 Yes 🔽 No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a wetland? | 🗹 Yes 🗌 No |
| Are the lateral extents of the release overlying a subsurface mine? | 🗌 Yes 🔽 No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | 🗌 Yes 🔽 No |
| Are the lateral extents of the release within a 100-year floodplain? | 🗌 Yes 🔽 No |
| Did the release impact areas not on an exploration, development, production, or storage site? | 🗹 Yes 🗌 No |

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- \checkmark Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Z Topographic/Aerial maps
- Laboratory data including chain of custody

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

| Received by OCD: 7/11/2 | 2024 3:22:44 PM State of New Mexico | | | Page 5 of 24 |
|---|--|--|--|---|
| | | | Incident ID | NAPP2410759719 |
| Page 4 | Oil Conservation Division | | District RP | |
| | | | Facility ID | |
| | | | Application ID | |
| regulations all operators a public health or the envir failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name: Signature: | nformation given above is true and complete to the b are required to report and/or file certain release notif onment. The acceptance of a C-141 report by the O stigate and remediate contamination that pose a threa e of a C-141 report does not relieve the operator of r | Cations and perform c CD does not relieve th at to groundwater, surfa esponsibility for comp Title: Date: | orrective actions for rel e operator of liability sh ace water, human health liance with any other fe | eases which may endanger nould their operations have n or the environment. In ederal, state, or local laws |
| OCD Only | | | | |
| Received by: | | Date: | | |
| | | | | |

Received by OCD: 7/11/2024 3:22:44 PM Form C-141 State of New Mexico

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Oil Conservation Division

| Incident ID | NAPP2410759719 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Remediation Plan

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

 $\mathbf{\underline{\square}}$ Detailed description of proposed remediation technique

Scaled sitemap with GPS coordinates showing delineation points

 $\overline{\nabla}$ Estimated volume of material to be remediated

Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

| <u>Deferral Requests Only</u> : Each of the following items must be con | ifirmed as part of any request for deferral of remediation. |
|--|---|
| Contamination must be in areas immediately under or around pr deconstruction. | roduction equipment where remediation could cause a major facility |
| Extents of contamination must be fully delineated. | |
| Contamination does not cause an imminent risk to human health | n, the environment, or groundwater. |
| | |
| | e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of |
| Printed Name: | Title: |
| Signature: | Date: |
| email: | Telephone: |
| | |
| OCD Only | |
| Received by: | Date: |
| Approved Approved with Attached Conditions of | Approval Denied Deferral Approved |
| Signature: | Date: |

Trinity Oilfield Services & Rentals, LLC



May 28th, 2024

Oil Conservation Division, District II 811 South First Street, Artesia, NM 88210

Re: Remediation Plan Request Elvis to Impoundment Pipeline Tracking #: NAPP2410759719

Trinity Oilfield Services (Trinity), on behalf of Longfellow Energy, LP, hereby submits the following Remediation Plan Request in response to a release that occurred at the above-referenced location, and further described below.

| Site Information | | | | | | | |
|--------------------------|-------------------------------|--|--|--|--|--|--|
| Incident ID | NAPP2410759719 | | | | | | |
| Site Name | Elvis to Impoundment Pipeline | | | | | | |
| Company | Longfellow Energy, LP | | | | | | |
| County | Eddy | | | | | | |
| ULSTR | M-22-17S-28E | | | | | | |
| GPS Coordinates (NAD 83) | 32.813144, -104.172109 | | | | | | |
| Landowner | State | | | | | | |

RELEASE BACKGROUND

On 04/16/2024, Longfellow Energy, LP reported a release at the Elvis to Impoundment Pipeline. The release was caused by equipment failure. Approximately 69,908 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

| Release Information | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|
| Date of Release | 04/16/2024 | | | | | | |
| Type of Release | Produced Water | | | | | | |
| Source of Release | Equipment Failure | | | | | | |
| Volume Released – Produced Water | 1432 bbls | | | | | | |
| Volume Recovered – Produced Water | 128 bbls | | | | | | |
| Volume Released – Crude Oil | 0 bbls | | | | | | |
| Volume Recovered – Crude Oil | 0 bbls | | | | | | |
| Affected Area – Damp Soil | Pad and Pasture - Approximately 69,908 sqft. | | | | | | |
| Site Location Map | Attached | | | | | | |

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

| Data Source | Well Number | Data Date | Depth (ft.) |
|-------------|-------------|-----------|-------------|
| NM OSE | NA | NA | NA |
| USGS | NA | NA | NA |
| Soil Bore | NA | NA | NA |

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a 1/2 mile of the release site. The search revealed that Zero (0) wells occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

General Site Characterization:

| Site Assessment | | | | | | | |
|--------------------------|-------------------|--|--|--|--|--|--|
| Karst Potential | Low | | | | | | |
| Distance to Watercourse | Overlying Wetland | | | | | | |
| Within 100 yr Floodplain | No | | | | | | |
| Pasture Impact | Yes | | | | | | |

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

| Soil Assessment | | | | | | | | | |
|---------------------------------|-------------|-----------------|--|--|--|--|--|--|--|
| Soil Series | Largo-Stony | Stony and Rough | | | | | | | |
| Fragile Soil Interpretive Class | Not Rated | Not Rated | | | | | | | |
| Erodibility Value | 0.49 | NA | | | | | | | |
| Wind Erodibility Group | 4L | NA | | | | | | | |
| Badland Soils | No | No | | | | | | | |
| Gypsum Soils | No | No | | | | | | | |
| Representative Slope | 3% | 8% | | | | | | | |
| Depth to Restrictive Feature | >200 cm | >200 cm | | | | | | | |
| Depth to Bedrock | >200 cm | >200 cm | | | | | | | |
| Severe Wildland Burn | No | No | | | | | | | |

A soil assessment/characterization was performed following the New Mexico State Land Office Environmental Compliance Office (ECO) Spill and Release Reporting Guidelines (Part 2 Letter D).

Closure Criteria:

| On-Site & Off-Site 4ft bgs Recommended Remedial Action Levels (RRALs) | | | | | | | | | |
|---|-----------|--|--|--|--|--|--|--|--|
| Chlorides | 600 mg/kg | | | | | | | | |
| TPH (GRO and DRO and MRO) | 100 mg/kg | | | | | | | | |
| TPH (GRO and DRO) | NA | | | | | | | | |
| BTEX | 50 mg/kg | | | | | | | | |
| Benzene | 10 mg/kg | | | | | | | | |

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH will be applied to the entire release area.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

Initial Sample Activities:

| Delineation Summary | | | | | | | | |
|---------------------|-------------------------|--|--|--|--|--|--|--|
| Delineation Dates | 04/23/2024 - 05/09/2024 | | | | | | | |
| Depths Sampled | 0' - 15' | | | | | | | |
| Delineation Map | Attached | | | | | | | |
| Laboratory Results | Table 1 | | | | | | | |

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Confirmation Activities:

| Remediation Proposal | | | | | | | | |
|--|----------------------------------|--|--|--|--|--|--|--|
| Remediation Dates | Within 90 Days of NMOCD Approval | | | | | | | |
| Liner Variance Request | No | | | | | | | |
| Deferral Request | No | | | | | | | |
| Proposed Depths Excavated | 3' - 14' | | | | | | | |
| Proposed Area of 5-point Confirmation | 100 caft | | | | | | | |
| Samples – Floors and Walls | 400 sqft. | | | | | | | |
| Estimated Total Volume of Excavated Soil | 14,612 yards | | | | | | | |

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls will be advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 400 sqft. of the excavated area) will be collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples for the excavated areas yield results below the selected NMOCD Table I Closure Criteria, the impacted soil will be transported under manifest to an NMOCD-approved disposal facility. Upon approval, the excavated area will be backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities will be restored to a condition which existed prior to the release to the extent practicable. The affected area will be contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. The area will be fenced off to mitigate grazing and soil compaction by cattle.

Affected areas disturbed by remediation on native land, not on production pads and/or lease roads, will be reseeded with a prescribed NMSLO seed mixture for Coarse (CS) and Loamy (L) soils as defined in SLO Seed Mix Version 1-200808 during the first favorable growing season following the closure of the site. Reclamation on State Trust Land will also be documented and monitored for successful vegetation growth and invasive/noxious weed populations.

REQUEST FOR REMEDIATION PLAN APPROVAL

| Supporting Documentation | | | | | | | | |
|--------------------------------------|----------|--|--|--|--|--|--|--|
| C-141, pages 3-5 Signed and Attached | | | | | | | | |
| Delineation Map | Attached | | | | | | | |
| Depth to Groundwater Maps and Source | Attached | | | | | | | |
| US NWI Map | Attached | | | | | | | |
| FEMA Flood Hazard Map | Attached | | | | | | | |
| USDA Soil Survey | Attached | | | | | | | |
| Site Photography | Attached | | | | | | | |
| Laboratory Analytics with COCs | Attached | | | | | | | |

The corrective actions will be completed within 90 days of receipt of approval of this proposal by the NMOCD. Upon completion of the proposed tasks, a Remediation Closure Request will be submitted, documenting remediation activities and results of confirmation samples.

Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant approval for this detailed Remediation Plan.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg Project Manager

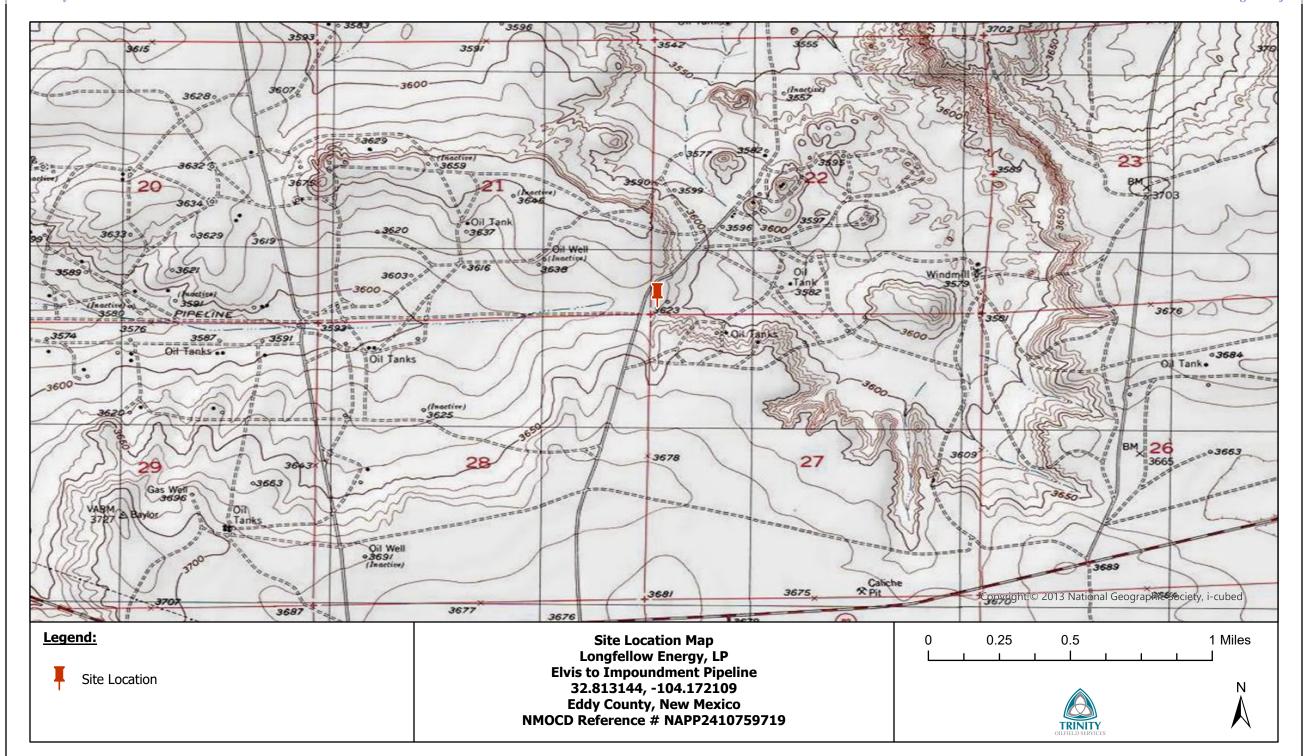
Cynthia Jordan

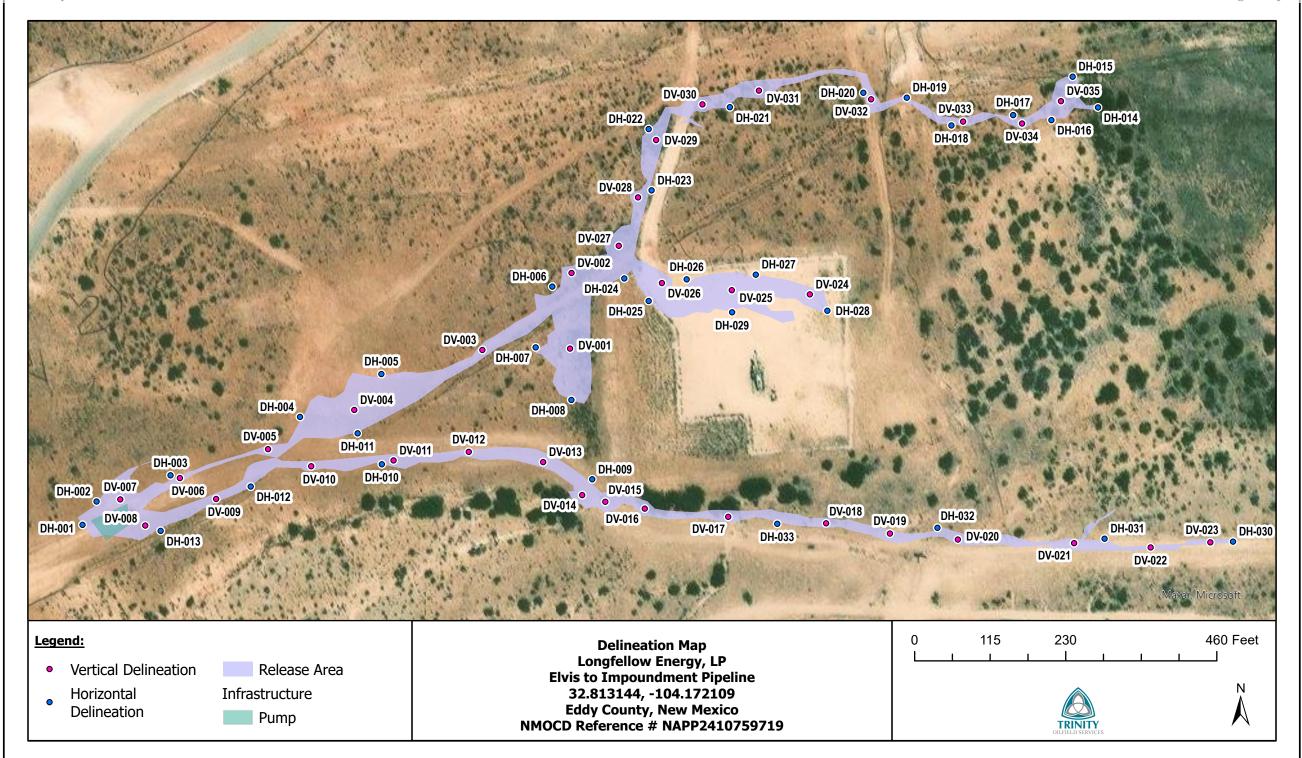
Cynthia Jordan Project Scientist

| | | | | | | | BLE 1 | | | | | | | |
|------------------------------------|---|------------------------|----------------------|----------------------|--------------|--------------------|------------------|---------------|---------------|----------------|----------------|----------------|--------------------|----------------|
| | | | | CONC | ENTRATIONS | OF BENZENE | E, BTEX, TPH & | CHLORIDE I | N SOIL | | | | | |
| | | | | | | | | | | | | | \square | |
| | | | | | | | N ENERGY, LP | | | | | | | |
| | | | | | ELV | IS TO IMPOU | NDMENT PIPEL | INE | | | | | | |
| | | | | | E | DDY COUNTY | , NEW MEXICO | D | | | | TR | INITY | |
| | | | | | NMOC | D REFERENC | E #: NAPP2410 | 759719 | | | | OILFIE | LD SERVICES | |
| SAMPLE LOCATION | SAMPLE SAMPLE VERTICAL / OFF-SITE/ SAMPLE SOIL CHLORIDE TPH GRO+ GRO DE | | | | | | | | | DRO C10-C28 | MRO C28-C36 | TOTAL BTEX | BENZENE (mg/Kg) | |
| | (BGS) | DAIL | HORIZONTAL | ON-SITE | | 514105 | (119/129) | (mg/Kg) | (mg/kg) | (mg/Kg) | (mg/Kg) | (mg/Kg) | (mg/Kg) | (ing/itg) |
| | • | On-Site, & De | eper than 4' Past | ure | • | | 600 | 100 | NE | NE | NE | NE | 50 | 10 |
| Deline | eation Special | Circumstance | , NMOCD Delineat | tion Limits Pas | sture to 4' | | 600 | 100 | NE | NE | NE | NE | 50 | 10 |
| | | | | | | Vertical D | Delineation | | | | | | | |
| DV-001.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 52,800.0 | 562.9 | 523.0 | 236.0 | 287.0 | 39.9 | 82.80 | 11.10 |
| DV-001.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 12,200.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-001.0-10.0-P | 10 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 112.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-002.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 27,600.0 | 234.9 | 209.0 | 49.0 | 160.0 | 25.9 | 6.54 | 0.35 |
| DV-002.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 11,400.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-002.0-12.0-P | 12 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 208.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-003.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 6,560.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-003.0-03.0-P | 3 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 160.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-004.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 44,400.0 | 388.6 | 342.6 | 65.6 | 277.0 | 46.0 | 2.74 | 0.15 |
| DV-004.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 13,000.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-004.0-14.0-P | 14 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 288.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-005.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 15,600.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-005.0-06.0-P | 6 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 64.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-006.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 13,400.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-006.0-06.0-P | 6 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 64.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-007.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 10,200.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-007.0-06.0-P | 6 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 304.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-008.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 19,000.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-008.0-05.0-P | 5 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 384.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-008.0-05.0-P DV-009.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 10,000.0 | 31.5 | 31.5 | <10.0 | 31.5 | <10.0 | <10.0 | <10.0 |
| DV-009.0-03.0-P | 3 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 336.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-010.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 17,800.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-010.0-03.0-P | 3 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 80.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-010.0-03.0-P DV-011.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 26,800.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-011.0-00.0-P DV-011.0-03.0-P | 3 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ In-Situ | 112.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-011.0-03.0-P DV-012.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ In-Situ | 34,400.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-012.0-00.0-P DV-012.0-04.0-P | 4 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ In-Situ | 96.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-012.0-04.0-P DV-013.0-00.0-P | 4 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ In-Situ | 96.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| | 4 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ In-Situ | 32.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-013.0-04.0-P | | | | | | - | 32.0 | | 24.8 | | 24.8 | | | |
| DV-014.0-00.0-P | 0 | 4/23/2024 4/23/2024 | Vertical Vertical | Off-Site Off-Site | Grab Grab | In-Situ In-Situ | 13,400.0 32.0 | 24.8 <10.0 | 24.8 <10.0 | <10.0 <10.0 | 24.8 <10.0 | <10.0 <10.0 | <10.0 <10.0 | <10.0 <10.0 |
| DV-014.0-06.0-P | 6 | 4/23/2024 | | Off-Site | | In-Situ In-Situ | 32.0 26.800.0 | <10.0 | 21.6 | <10.0 | 21.6 | <10.0 | <10.0 | <10.0 |
| DV-015.0-00.0-P | 5 | 4/23/2024 | Vertical | | Grab | | -, | - | - | | - | | | |
| DV-015.0-05.0-P | - | | Vertical | Off-Site | Grab | In-Situ | 112.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-016.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 31,600.0 | 95.6 | 79.5 | 11.6 | 67.9 | 16.1 | 1.03 | <10.0 |
| DV-016.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 9,600.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-016.0-11.0-P | 11 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 368.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-017.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 13,200.0 | 32.0 | 32.0 | <10.0 | 32.0 | <10.0 | <10.0 | <10.0 |
| DV-017.0-07.0-P | 7 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 80.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |

| | | | | CON0 | | | | | | | | | | |
|-----------------|--|----------------|-------------------------|----------------------|----------------|----------------|---------------------|--------------------------|------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------|
| | CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL LONGFELLOW ENERGY, LP ELVIS TO IMPOUNDMENT PIPELINE EDDY COUNTY, NEW MEXICO NMOCD REFERENCE #: NAPP2410759719 OILFIELD SERVICES | | | | | | | | | | | | | |
| SAMPLE LOCATION | SAMPLE DEPTH (BGS) | SAMPLE DATE | VERTICAL/ HORIZONTAL | OFF-SITE/ ON-SITE | SAMPLE TYPE | SOIL STATUS | CHLORIDE (mg/Kg) | TPH C6-C36 (mg/Kg) | GRO+ DRO (mg/kg) | GRO C6-C10 (mg/Kg) | DRO C10-C28 (mg/Kg) | MRO C28-C36 (mg/Kg) | TOTAL BTEX (mg/Kg) | BENZENE (mg/Kg) |
| | • | On-Site, & De | eeper than 4' Pastu | ure | | • | 600 | 100 | NE | NE | NE | NE | 50 | 10 |
| Deline | eation Special | Circumstance | e, NMOCD Delineat | tion Limits Pas | sture to 4' | | 600 | 100 | NE | NE | NE | NE | 50 | 10 |
| DV-018.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 25,600.0 | 11.8 | 11.8 | <10.0 | 11.8 | <10.0 | <10.0 | <10.0 |
| DV-018.0-05.0-P | 5 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 32.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-019.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 14,000.0 | 26.0 | 26.0 | <10.0 | 26.0 | <10.0 | <10.0 | <10.0 |
| DV-019.0-04.0-P | 4 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 48.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-020.0-00.0-P | 0 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 10,800.0 | 41.3 | 41.3 | <10.0 | 41.3 | <10.0 | <10.0 | <10.0 |
| DV-020.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 12,600.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-020.0-08.0-P | 8 | 4/23/2024 | Vertical | Off-Site | Grab | In-Situ | 32.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-021.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 12,000.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-021.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 208.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-022.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 10,600.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-022.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 544.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-023.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 1,800.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-023.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 528.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-024.0-00.0-S | 0 | 4/24/2024 | Vertical | On-Site | Grab | In-Situ | 34,400.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-024.0-01.0-S | 1 | 4/24/2024 | Vertical | On-Site | Grab | In-Situ | 336.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-025.0-00.0-S | 0 | 4/24/2024 | Vertical | On-Site | Grab | In-Situ | 55,200.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-025.0-04.0-S | 4 | 4/24/2024 | Vertical | On-Site | Grab | In-Situ | 176.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-026.0-00.0-S | 0 | 4/24/2024 | Vertical | On-Site | Grab | In-Situ | 49,600.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-026.0-03.0-S | 3 | 4/24/2024 | Vertical | On-Site | Grab | In-Situ | 48.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-027.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 33,600.0 | 19.4 | 19.4 | <10.0 | 19.4 | <10.0 | <10.0 | <10.0 |
| DV-027.0-05.0-P | 5 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 32.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-028.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 43,200.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-028.0-07.0-P | 7 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 112.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-029.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 39,200.0 | 20.9 | 20.9 | <10.0 | 20.9 | <10.0 | <10.0 | <10.0 |
| DV-029.0-04.0-P | 4 | 5/9/2024 | Vertical | Off-Site | Grab | In-Situ | 22,000.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-029.0-10.0-P | 10 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 24,800.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-029.0-14.0-P | 14 | 5/9/2024 | Vertical | Off-Site | Grab | In-Situ | 272.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-029.0-15.0-P | 15 | 5/9/2024 | Vertical | Off-Site | Grab | In-Situ | 32.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-030.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 42,400.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-030.0-06.0-P | 6 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 128.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-031.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 7,200.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-031.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 352.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-032.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 7,800.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-032.0-04.0-P | 4 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 928.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-032.0-11.0-P | 11 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 160.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-033.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 9,330.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-033.0-03.0-P | 3 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 208.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-034.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 14,000.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-034.0-03.0-P | 3 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 320.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |

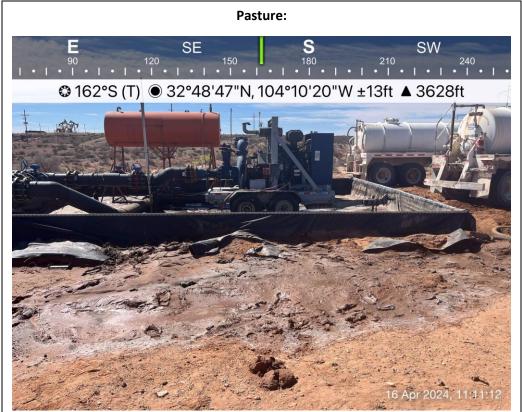
| | | | | | | | ILE 1 | | | | | | | |
|--|----------------|-----------|------------|-----------|------------|------------|----------------|-------------|----------------|---------|--------------------|---------|-----------------|---------|
| | | | | CONC | ENTRATIONS | OF BENZENE | E, BTEX, TPH & | CHLORIDE IN | SOIL | | | | | |
| | | | | | | | | | | | | | \square | |
| | | | | | | | V ENERGY, LP | | | | | | ∇ | |
| | | | | | | | NDMENT PIPEL | | | | | | | |
| | | | | | E | DDY COUNT | , NEW MEXICO | 2 | | | | TR | INITY | |
| | | | | | NMOCI | D REFERENC | E #: NAPP2410 | 759719 | | | | OILFIE | LD SERVICES | |
| | | | | | | | | | | | | | | |
| | SAMPLE | SAMPLE | VERTICAL/ | OFF-SITE/ | SAMPLE | SOIL | CHLORIDE | TPH | GRO+ | GRO | DRO | MRO | TOTAL | BENZENE |
| SAMPLE LOCATION | DEPTH (BGS) | DATE | HORIZONTAL | ON-SITE | TYPE | STATUS | (mg/Kg) | C6-C36 | DRO (mg/kg) | C6-C10 | C10-C28 (mg/Kg) | C28-C36 | BTEX (mg/Kg) | (mg/Kg) |
| | (663) | | | | | | | (mg/Kg) | (mg/kg) | (mg/Kg) | (ilig/Kg) | (mg/Kg) | (iiig/Kg) | |
| On-Site, & Deeper than 4' Pasture | | | | | | | | 100 | NE | NE | NE | NE | 50 | 10 |
| Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4' | | | | | | | | 100 | NE | NE | NE | NE | 50 | 10 |
| DV-035.0-00.0-P | 0 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 16,000.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DV-035.0-03.0-P | 3 | 4/24/2024 | Vertical | Off-Site | Grab | In-Situ | 208.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| | | | - | | | Horizontal | Delineation | | | | | | | |
| DH-001.0-01.0-P | 1 | 4/23/2024 | Horizontal | Off-Site | Grab | In-Situ | 16.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DH-002.0-01.0-P | 1 | 4/23/2024 | Horizontal | Off-Site | Grab | In-Situ | 32.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DH-003.0-01.0-P | 1 | 4/23/2024 | Horizontal | Off-Site | Grab | In-Situ | 32.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DH-004.0-01.0-P | 1 | 4/23/2024 | Horizontal | Off-Site | Grab | In-Situ | 16.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| DH-005.0-01.0-P | 1 | 4/23/2024 | Horizontal | Off-Site | Grab | In-Situ | 16.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
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| DH-012.0-01.0-P | 1 | 4/23/2024 | Horizontal | Off-Site | Grab | In-Situ | <16.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
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| DH-033.0-01.0-P | 1 | 4/24/2024 | Horizontal | Off-Site | Grab | In-Situ | <16.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |





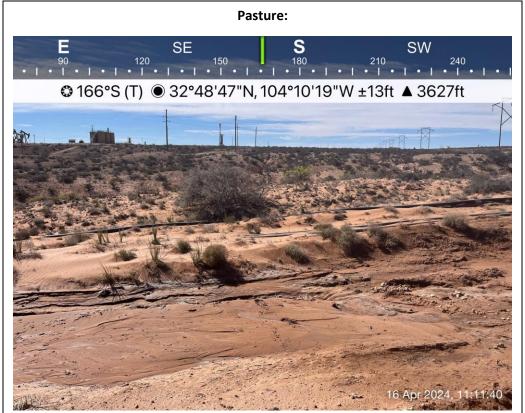




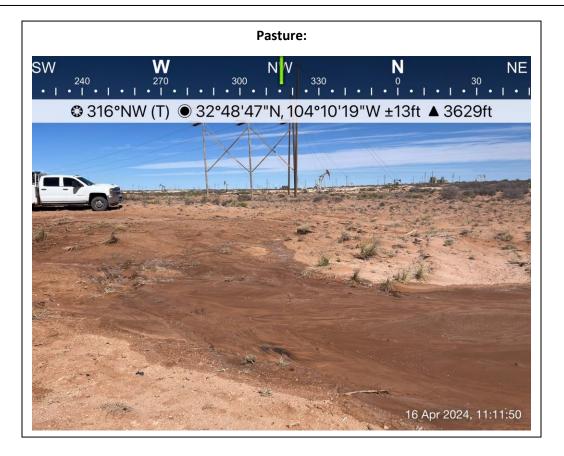














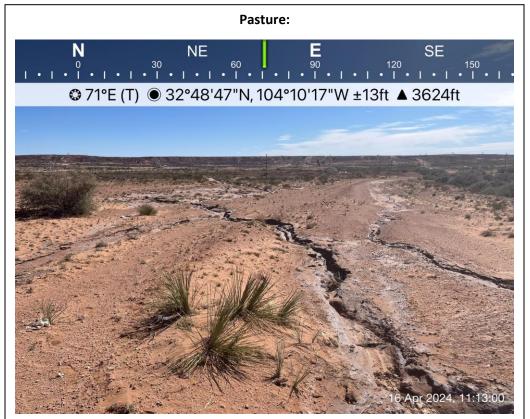










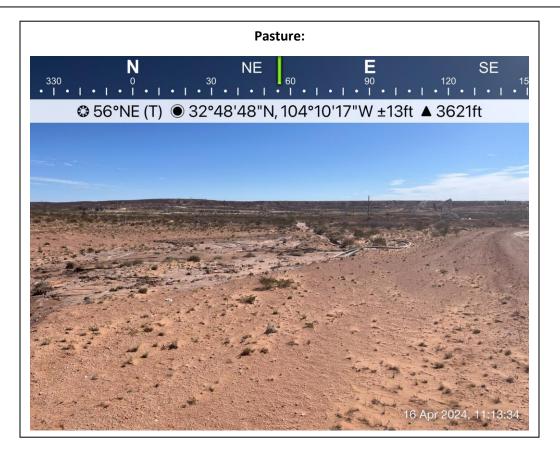
























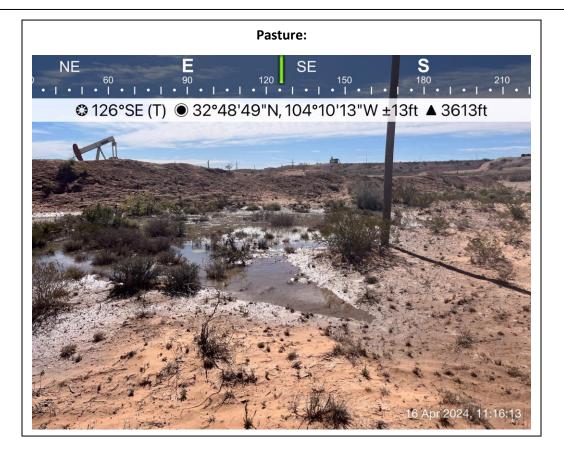


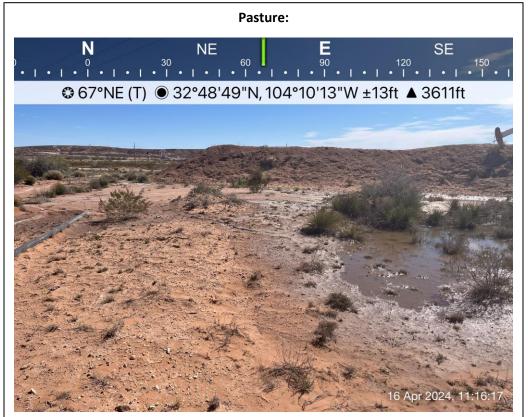




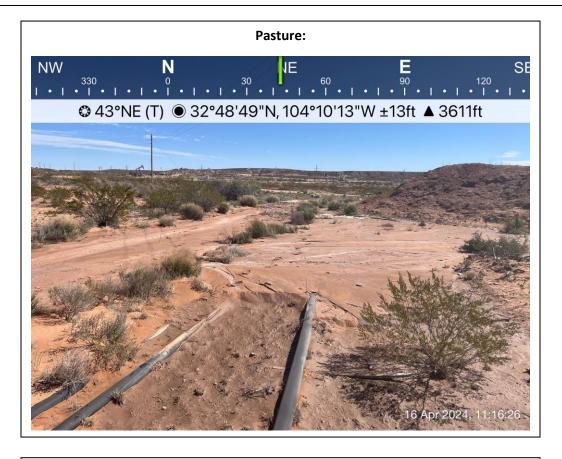


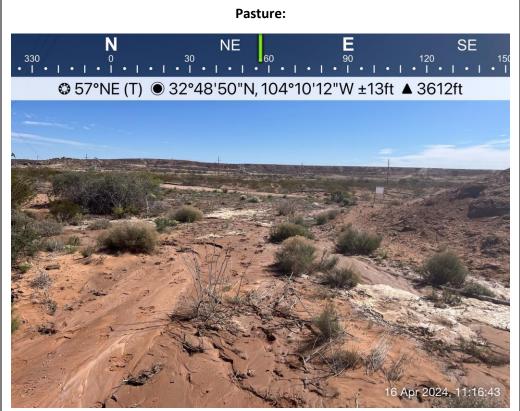




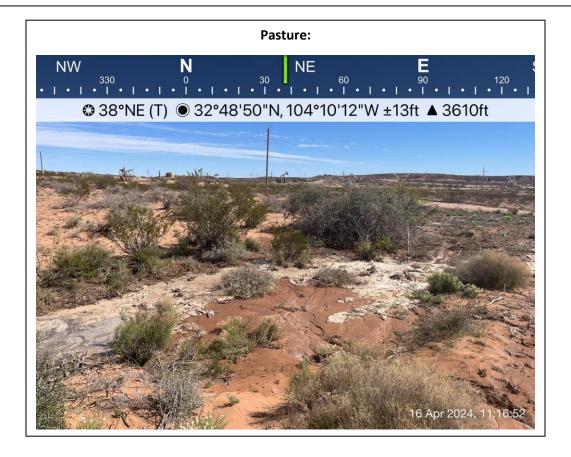


















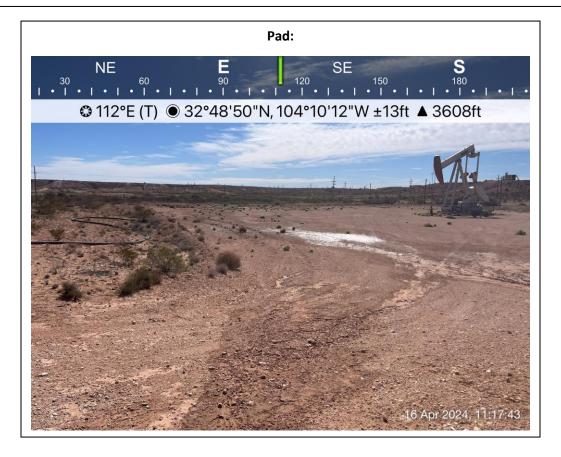


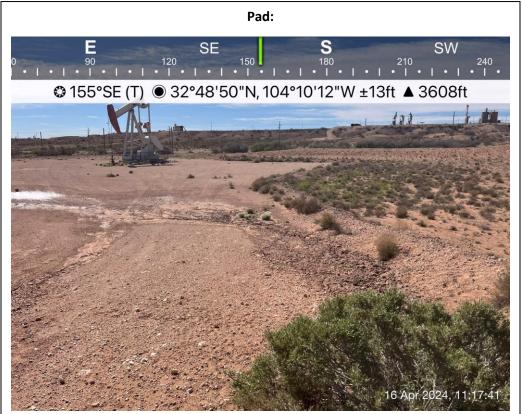


















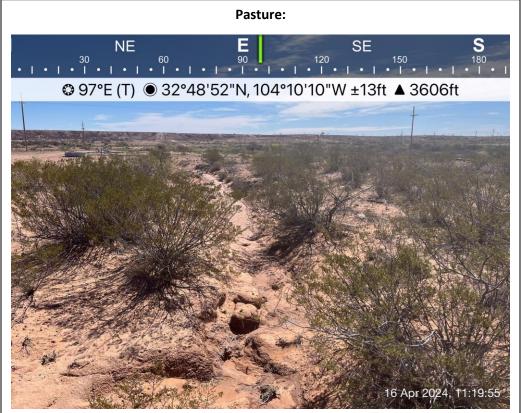




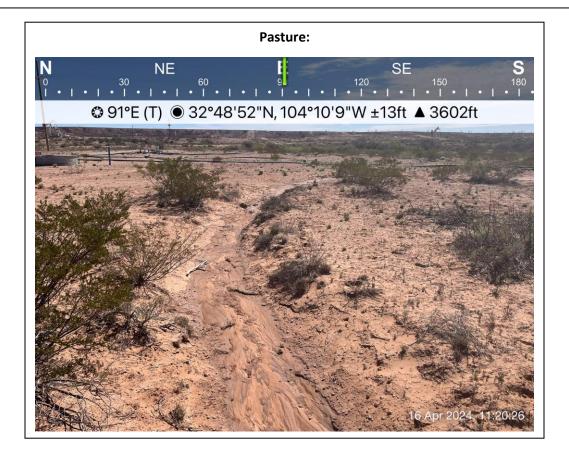


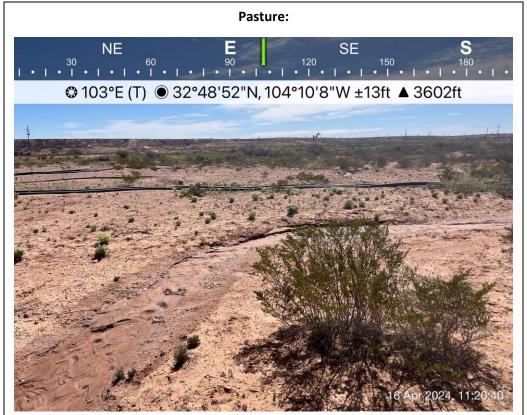












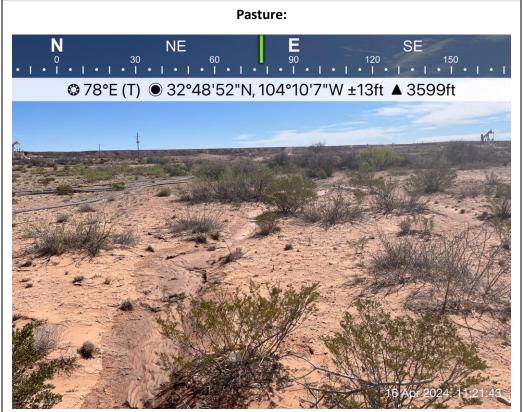




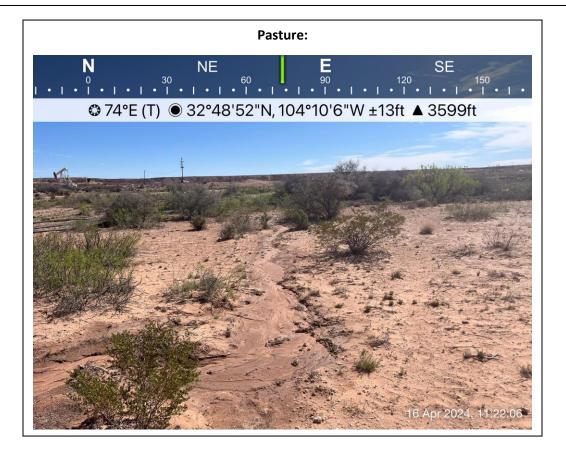






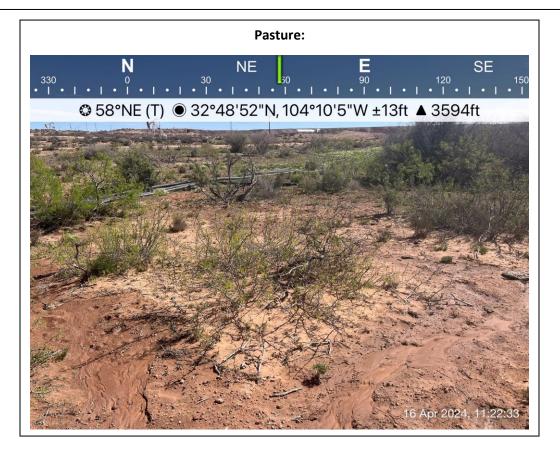










































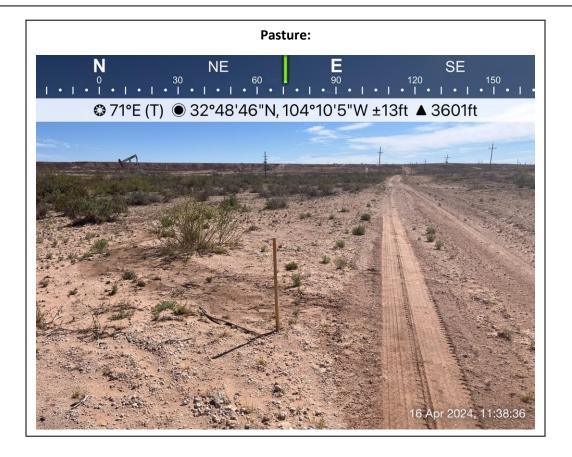






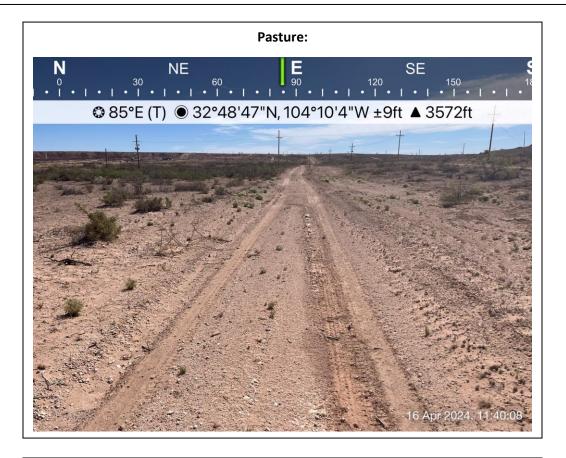










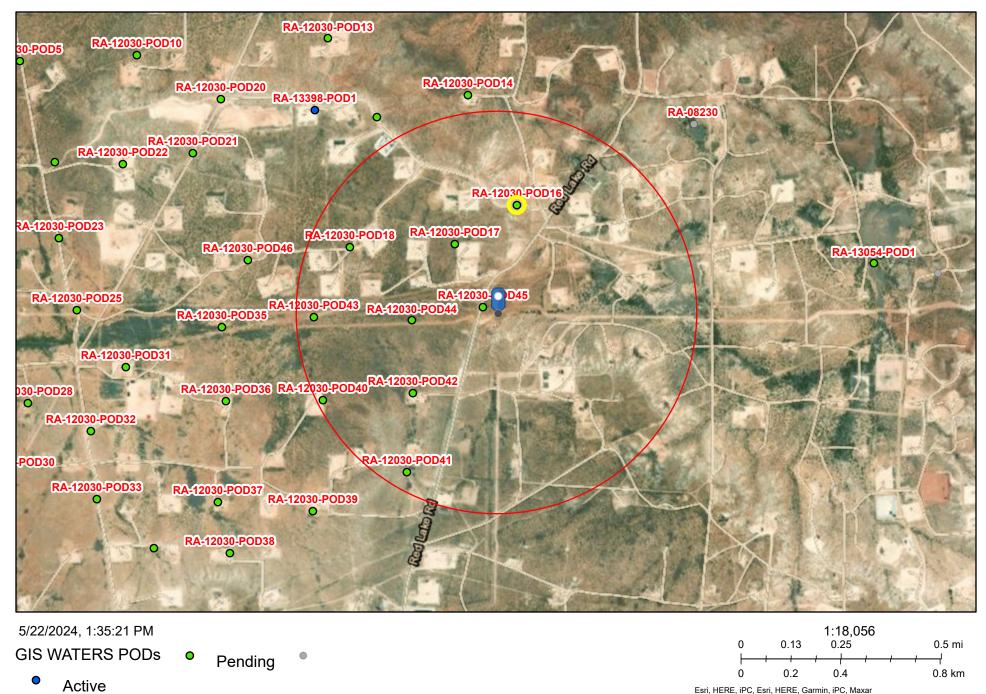




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U.S. Fish and Wildlife Service National Wetlands Inventory

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May 23, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

Lake Other Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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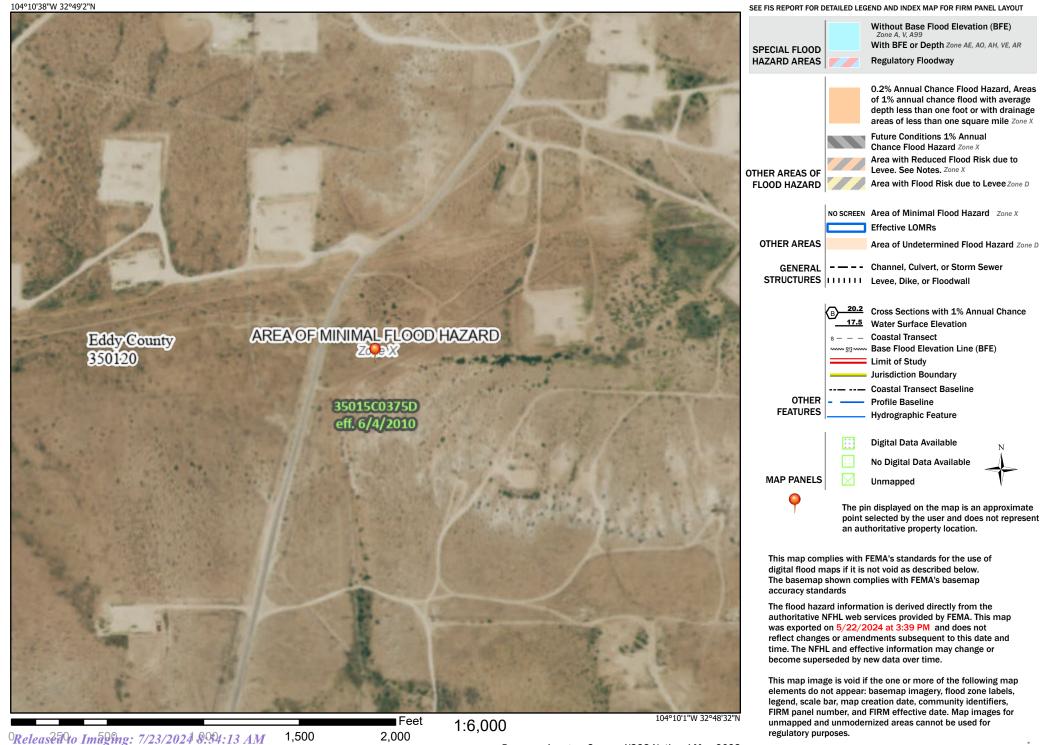
National Wetlands Inventory (NWI) This page was produced by the NWI mapper

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Legend

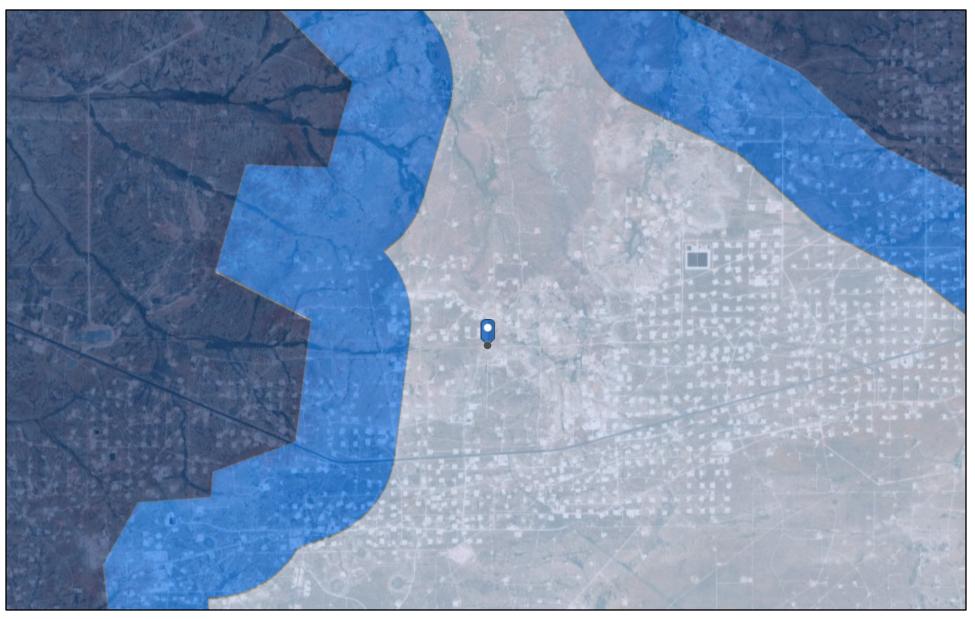
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Basemap Imagery Source: USGS National Map 2023

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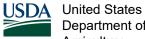




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NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

New Mexico Oil Conservation Division



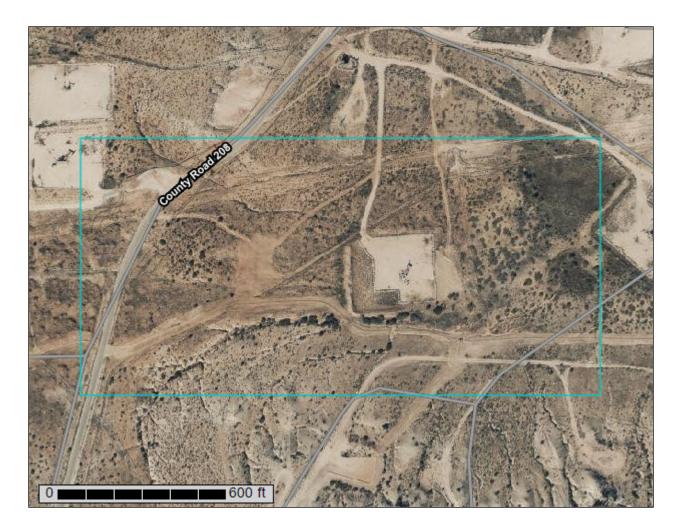
Department of Agriculture

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Eddy Area, New Mexico

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Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/? cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic classes has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



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| I | MAP LEGEND | MAP INFORMATION |
|--|---|--|
| Area of Interest (AOI) Area of Interes Soils Soil Map Unit | Stony Spot Very Stony Spot | The soil surveys that comprise your AOI were mapped at 1:20,000. Warning: Soil Map may not be valid at this scale. |
| Soil Map Unit I Soil Map Unit I Special Point Features Slowout | ines v Wet Spot voints voint | Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale. |
| Borrow Pit Clay Spot Closed Depres Gravel Pit Gravelly Spot | US Routes | Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) |
| Landfill Lava Flow Marsh or swar Mine or Quarty | Decar Roads | Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. |
| Miscellaneous Perennial Wate Rock Outcrop Saline Spot Sandy Spot | | This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023 |
| Sandy Spot Severely Erod Sinkhole Slide or Slip Sodic Spot | ed Spot | Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022 The orthophoto or other base map on which the soil lines were |
| | | compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. |

| Мар | Unit | Legend |
|-----|------|--------|
|-----|------|--------|

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|---|--------------|----------------|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | 21.8 | 55.6% |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | 7.3 | 18.7% |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | 0.3 | 0.7% |
| SR | Stony and Rough broken land | 9.8 | 25.1% |
| Totals for Area of Interest | | 39.2 | 100.0% |

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate

pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Eddy Area, New Mexico

LN—Largo-Stony land complex, 0 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w50 Elevation: 2,000 to 5,700 feet Mean annual precipitation: 6 to 14 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 260 days Farmland classification: Not prime farmland

Map Unit Composition

Largo and similar soils: 41 percent Stony land: 40 percent Minor components: 19 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Largo

Setting

Landform: Plains, alluvial fans Landform position (three-dimensional): Talf, rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Calcareous alluvium

Typical profile

H1 - 0 to 4 inches: loam *H2 - 4 to 47 inches:* silt loam *H3 - 47 to 65 inches:* loam

Properties and qualities

Slope: 1 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: High (about 10.0 inches)

Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: R070BC007NM - Loamy Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 7 percent Ecological site: R070BD002NM - Shallow Sandy Hydric soil rating: No

Largo

Percent of map unit: 6 percent *Ecological site:* R070BC017NM - Bottomland *Hydric soil rating:* No

Pajarito

Percent of map unit: 6 percent Ecological site: R070BD003NM - Loamy Sand Hydric soil rating: No

MO—Mobeetie fine sandy loam, 1 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w53 Elevation: 10 to 5,700 feet Mean annual precipitation: 6 to 24 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 260 days Farmland classification: Not prime farmland

Map Unit Composition

Mobeetie and similar soils: 96 percent Minor components: 4 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mobeetie

Setting

Landform: Plains, alluvial fans Landform position (three-dimensional): Talf, rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 5 inches: fine sandy loam
H2 - 5 to 35 inches: fine sandy loam
H3 - 35 to 60 inches: fine sandy loam

Properties and qualities

Slope: 1 to 5 percent Depth to restrictive feature: More than 80 inches Drainage class: Well drained Runoff class: Very low

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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 content: 15 percent Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm) Sodium adsorption ratio, maximum: 1.0 Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 4e Hydrologic Soil Group: A Ecological site: R070BD004NM - Sandy Hydric soil rating: No

Minor Components

Berino

Percent of map unit: 1 percent Ecological site: R070BD003NM - Loamy Sand Hydric soil rating: Unranked

Simona

Percent of map unit: 1 percent Ecological site: R070BD002NM - Shallow Sandy Hydric soil rating: No

Pajarito

Percent of map unit: 1 percent Ecological site: R070BD003NM - Loamy Sand Hydric soil rating: No

Likes

Percent of map unit: 1 percent Ecological site: R070BD005NM - Deep Sand Hydric soil rating: No

SG—Simona gravelly fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5w Elevation: 2,750 to 5,000 feet Mean annual precipitation: 8 to 16 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 230 days Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 95 percent

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Minor components: 5 percent *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Simona

Setting

Landform: Plains, alluvial fans Landform position (three-dimensional): Rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam *H2 - 19 to 23 inches:* indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: D Ecological site: R070BD002NM - Shallow Sandy Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 4 percent Ecological site: R070BD002NM - Shallow Sandy Hydric soil rating: No

Playa

Percent of map unit: 1 percent Landform: Playas Landform position (three-dimensional): Talf Down-slope shape: Concave, convex Across-slope shape: Concave, linear Ecological site: R070BC017NM - Bottomland Hydric soil rating: Yes

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SR—Stony and Rough broken land

Map Unit Composition

Stony and rough broken land: 100 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Soil Information for All Uses

Suitabilities and Limitations for Use

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

Soil Health

Soil health interpretations are designed to be used as tools for evaluating and managing a soil's capacity to function as a vital living ecosystem that sustains plants, animals, and humans. Example interpretations include compaction, surface sealing, carbon sequestration, resistance and resilience, management systems and practices, and cover crops.

Fragile Soil Index

SOH - Soil Health

Soils can be rated based on their susceptibility to degradation in the "Fragile Soil Index" interpretation. Fragile soils are those that are most vulnerable to degradation. In other words, they can be easily degraded they have a low resistance to degradation processes. They tend to be highly susceptible to erosion and can have a low capacity to recover after degradation has occurred (low resilience). Fragile soils are generally characterized by a low content of organic matter, low aggregate stability, and weak soil structure. They are generally located on sloping ground, have sparse plant cover, and tend to be in arid or semiarid regions. The index can be used for conservation and watershed planning to assist in identifying soils and areas highly vulnerable to degradation.

Depending on inherent soil characteristics and the climate, soils can vary from highly resistant, or stable, to vulnerable and extremely sensitive to degradation. Under stress, fragile soils can degrade to a new altered state, which may be less favorable or unfavorable for plant growth and less capable of performing soil functions. To assess the fragility of the soil, indicators of vulnerability to degradation processes are used. They include organic matter, soil structure, rooting depth, vegetative cover, slope, and aridity.

The organic matter content indicates the capacity of the soil to resist and/or recover from degradation processes. Organic matter improves the soil pore structure, increases water infiltration, and reduces soil compaction and soil erosion. Soil structure indicates the capacity of the soil to resist degradation from accelerated water erosion (by increasing the amount of infiltration). Pore structure is the most important aspect of soil structure as pores provide habitat for organism. Shallow soils are more vulnerable to degradation processes because they have limited rooting depth and have a reduced amount of material from which to form new soil. As erosion removes the upper soil profile, productivity will decline if the subsoil is limiting for crop growth. Vegetative cover is very important as uncovered soil is most vulnerable to the processes of soil erosion, both by wind and water. Slope (a measure of the steepness or the degree of inclination) indicates the degree of vulnerability to erosion and mass movement. Aridity is defined by the shortage of moisture. Lack of water is a main factor limiting biological processes and the ability of the soil to resist and/or recover from degradation.

Soils are placed into interpretive classes based on their index rating, which ranges from 0 to 1. An index rating of 1 is the most fragile, while a rating of zero is the least fragile. Interpretative classes are as follows:

Not Fragile (index rating less than or equal to 0.009) These soils have a very high potential to resist degradation and be highly resilient. They are highly structured with an organic matter content greater than 5.7%, are nearly level, are deep or very deep, have greater than 85% vegetative cover, and are in a climate that is wet or very wet.

Slightly Fragile (index rating less than 0.009 and less than or equal to 0.209) These soils have a high potential to resist degradation and be resilient. They are:

— Poorly structured to weakly structured soils that have an extremely low to moderate content of organic matter, are very deep, have high vegetative cover, occur on nearly level ground, and are in wet or very wet climates;

— Highly structured soils that have a very high content of organic matter, are very shallow to moderately deep, have high vegetative cover, occur on nearly level ground, and are in wet or very wet climates;

— Highly structured soils that have a very high content of organic matter, are very deep, have low to moderately high vegetative cover, occur on nearly level ground, and are in wet or very wet climates;

— Highly structured soils that have a very high content of organic matter, are very deep, have high vegetative cover; are on slopes greater than 3%, and are in wet or very wet climates; or

— Highly structured soils that have a very high content of organic matter, are very deep, have high vegetative cover; occur on nearly level ground, and in semi-dry to mildly wet climates;

Moderately Fragile (index rating greater than 0.209 and less than or equal to 0.409) These soils have a moderate potential to resist degradation and be moderately resilient. They are:

— Highly structured soils that have a very high content of organic matter, are very shallow, have high vegetative cover, occur in nearly level to moderately sloping areas, and are in semi-dry climates;

 Poorly structured soils that have an extremely low content of organic matter, are deep, have low vegetative cover, occur in nearly level areas, and are in wet or very wet climates;

— Poorly structured soils that have an extremely low content of organic matter, occur on gentle to very steep slopes, have high vegetative cover, and are in wet or very wet climates;

— Weakly structured soils that have a very low content of organic matter, are deep, occur in nearly level to gently sloping areas, have high vegetative cover, and are in semi-dry climates; or

— Weakly structured soils that have a very low content of organic matter, are very shallow to very deep, occur in nearly level to strongly sloping areas, have high vegetative cover, and are in mildly wet climates.

Fragile (index rating greater than 0.409 and less than or equal to 0.609) These soils have a low potential to resist degradation and low resilience. They are:

— Well structured soils that have a low content of organic matter, are shallow to very deep, have moderate to moderately high vegetative cover, occur on steep slopes, and are in dry climates;

— Well structured soils that have a low content of organic matter, are shallow to very deep, have a low vegetative cover, occur in nearly level to gently sloping areas, and are in dry climates;

— Well structured soils that have a low content of organic matter, are deep, have low vegetative cover, occur on nearly level to very steep slopes, and are in a semidry climate;

— Moderately structured soils that have a very low content of organic matter, are deep, have moderately high vegetative cover, occur on moderately steep to very steep slopes, and are in semi-dry climates; or

— Weakly structured soils that have a low content of organic matter, occur on moderately steep to very steep slopes, have low vegetative cover, and are in wet or very wet climates.

Very Fragile (index rating greater than 0.609 and less than or equal to 0.809) These soils have a very low potential to resist degradation and very low resilience. They are:

— Weakly structured soils that have an extremely low content of organic matter, are deep, have low vegetative cover, occur on nearly level to very steep slopes, and are in dry climates;

— Weakly structured soils that have an extremely low content of organic matter, are shallow to very deep, have low vegetative cover, occur on nearly level to very steep slopes, and are in very dry climates; or

— Poorly structured soils that have an extremely low content of organic matter, are very shallow, have no vegetative cover, occur on steep slopes, and are in mildly wet to wet climates.

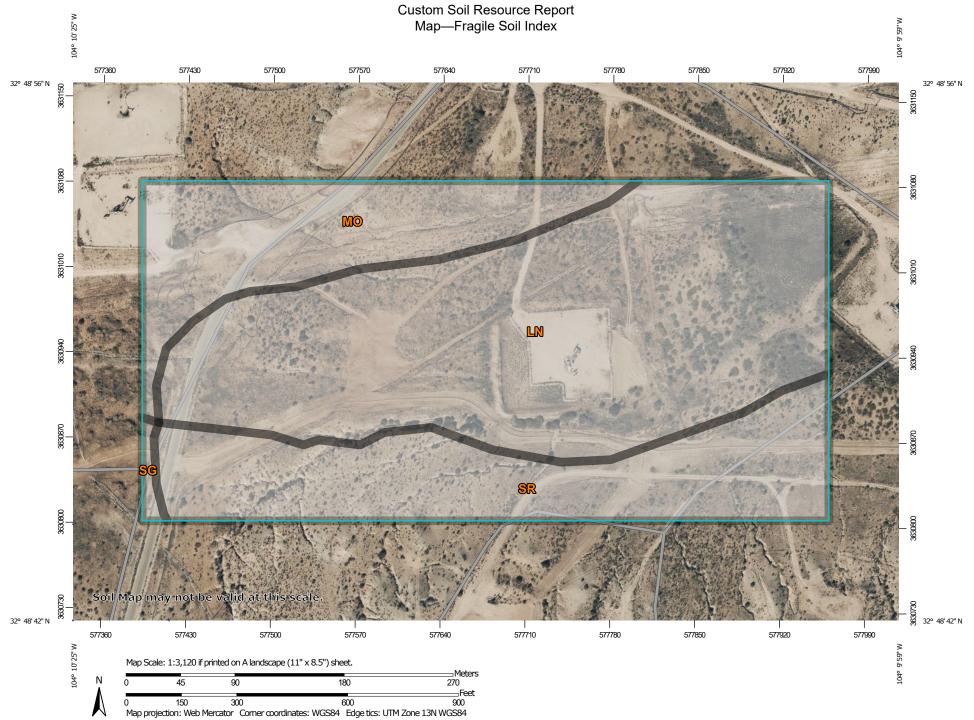
Extremely Fragile (index rating greater than 0.809 and less than or equal to 1.0) These soils can have no potential to resist degradation and no resilience. They are:

— Poorly structured soils that have an extremely low content of organic matter, are very shallow, have low vegetative cover, occur on very steep slopes, and are in dry or very dry climates;

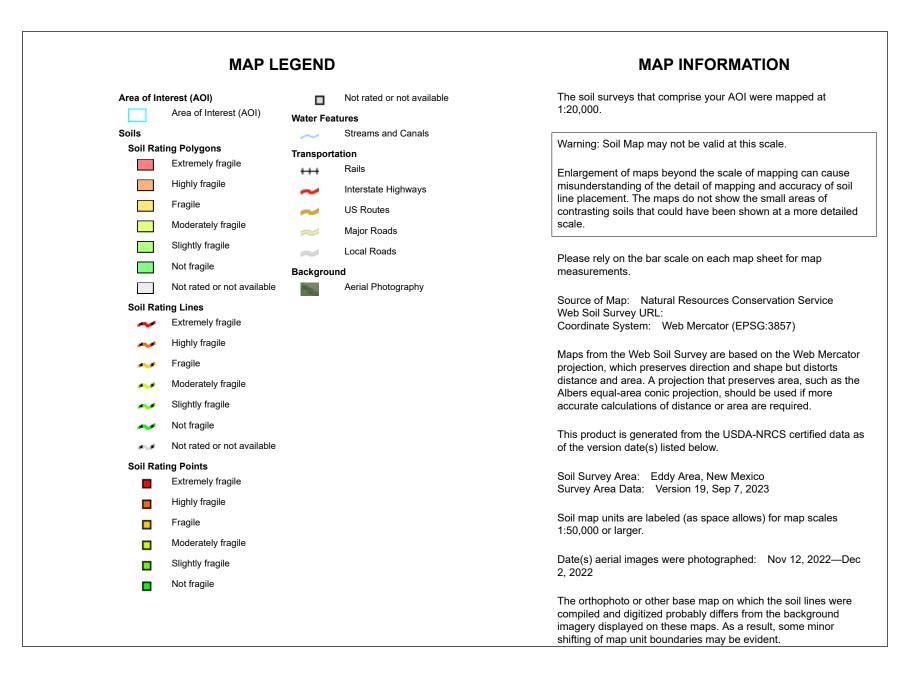
— Weakly structured soils that have a very low content of organic matter, are nearly level to very deep, have low vegetative cover, occur on very steep slopes, and are in dry climates; or

- Very shallow soils on steep slopes.

The interpretive rating is based on soils that occur in the dominant land use for the map unit component and may not represent soils that occur in site-specific land uses.



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Tables—Fragile Soil Index

| Map unit symbol | Map unit name | Rating | Component name (percent) | Rating reasons (numeric values) | Acres in AOI | Percent of AOI |
|--------------------|--|-----------|--|---------------------------------------|--------------|----------------|
| LN | Largo-Stony land | Not rated | Largo (41%) | | 21.8 | 55.6% |
| | complex, 0 to 25 percent | | Stony land (40%) | | | |
| | slopes | | Simona (7%) | | | |
| | | | Largo (6%) | | | |
| | | | Pajarito (6%) | | | |
| МО | Mobeetie fine sandy loam, 1 to 5 percent | Not rated | Mobeetie (96%) | | 7.3 | 18.7% |
| | | | Berino (1%) | | | |
| | slopes | | Simona (1%) | | | |
| | | | Pajarito (1%) | | | |
| | | | Likes (1%) | | | |
| SG | Simona gravelly | Not rated | Simona (95%) | | 0.3 | 0.7% |
| | fine sandy loam, 0 to 3 | | Simona (4%) | | | |
| | percent slopes | | Playa (1%) | | | |
| SR | Stony and Rough broken land | Not rated | Stony and rough broken land (100%) | | 9.8 | 25.1% |
| Totals for Area | of Interest | | | | 39.2 | 100.0% |

| Rating | Acres in AOI | Percent of AOI | |
|-----------------------------|--------------|----------------|--|
| Null or Not Rated | 39.2 | 100.0% | |
| Totals for Area of Interest | 39.2 | 100.0% | |

Rating Options—Fragile Soil Index

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not. For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Soil Properties and Qualities

The Soil Properties and Qualities section includes various soil properties and qualities displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each property or quality.

Soil Chemical Properties

Soil Chemical Properties are measured or inferred from direct observations in the field or laboratory. Examples of soil chemical properties include pH, cation exchange capacity, calcium carbonate, gypsum, and electrical conductivity.

Gypsum

The content of gypsum is the percent, by weight, of hydrated calcium sulfates in the fraction of the soil less than 20 millimeters in size. Gypsum is partially soluble in water. Soils high in content of gypsum, such as those with more than 10 percent gypsum, may collapse if the gypsum is removed by percolating water. Gypsum is corrosive to concrete.

For each soil layer, this attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.



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| MAP LEGEND | MAP INFORMATION |
|--|--|
| Area of Interest (AOI) Area of Interest (AOI) | The soil surveys that comprise your AOI were mapped at 1:20,000. |
| Soils Soil Rating Polygons = 0 Not rated or not available Soil Rating Lines | Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed |
| = 0 Not rated or not available Soil Rating Points = 0 | Scale. Please rely on the bar scale on each map sheet for map measurements. |
| Not rated or not available Water Features Streams and Canals | Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) |
| Transportation +++ Rails Miterstate Highways US Routes | Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. |
| Major Roads Local Roads Background | This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. |
| Aerial Photography | Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023 Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. |
| | Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022 The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. |

Table—Gypsum

| Map unit symbol | Map unit name | Rating (percent) | Acres in AOI | Percent of AOI |
|---------------------------|--|------------------|--------------|----------------|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | 0 | 21.8 | 55.6% |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | 0 | 7.3 | 18.7% |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | 0 | 0.3 | 0.7% |
| SR | Stony and Rough broken land | | 9.8 | 25.1% |
| Totals for Area of Intere | est | 39.2 | 100.0% | |

Rating Options—Gypsum

Units of Measure: percent

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tiebreak" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be

considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Interpret Nulls as Zero: Yes

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

Layer Options (Horizon Aggregation Method): Surface Layer (Not applicable)

For an attribute of a soil horizon, a depth qualification must be specified. In most cases it is probably most appropriate to specify a fixed depth range, either in centimeters or inches. The Bottom Depth must be greater than the Top Depth, and the Top Depth can be greater than zero. The choice of "inches" or "centimeters" only applies to the depth of soil to be evaluated. It has no influence on the units of measure the data are presented in.

When "Surface Layer" is specified as the depth qualifier, only the surface layer or horizon is considered when deriving a value for a component, but keep in mind that the thickness of the surface layer varies from component to component.

When "All Layers" is specified as the depth qualifier, all layers recorded for a component are considered when deriving the value for that component.

Whenever more than one layer or horizon is considered when deriving a value for a component, and the attribute being aggregated is a numeric attribute, a weighted average value is returned, where the weighting factor is the layer or horizon thickness.

Soil Erosion Factors

Soil Erosion Factors are soil properties and interpretations used in evaluating the soil for potential erosion. Example soil erosion factors can include K factor for the whole soil or on a rock free basis, T factor, wind erodibility group and wind erodibility index.

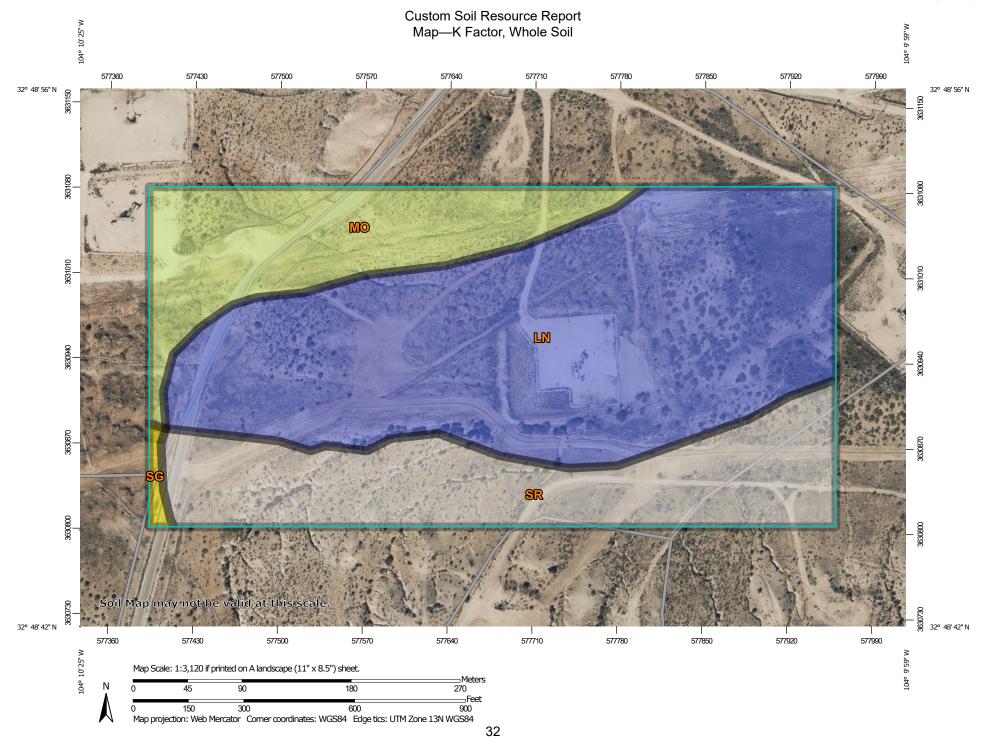
K Factor, Whole Soil

Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and saturated hydraulic conductivity (Ksat). Values of K range

from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

"Erosion factor Kw (whole soil)" indicates the erodibility of the whole soil. The estimates are modified by the presence of rock fragments.

Factor K does not apply to organic horizons and is not reported for those layers.



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Custom Soil Resource Report

| | MA | AP LEGEND | | | MAP INFORMATION |
|--|---|--|---|--|---|
| rea of Interest (AOI) Area of Interest (AOI) | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | .24 .28 | ~~ Transpor | Streams and Canals | The soil surveys that comprise your AOI were mapped at 1:20,000. |
| bils Soil Rating Polygons | ~ | .32 .37 | | Rails Interstate Highways | Warning: Soil Map may not be valid at this scale. |
| .02 .05 .10 | ~ | .43 .49 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | US Routes Major Roads | Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of |
| .15 .17 | ~ | .55 .64 | Backgrou | Local Roads Ind Aerial Photography | contrasting soils that could have been shown at a more detailed scale. |
| 20 24 | Soil Rat | Not rated or not available ing Points | | Aenal Photography | Please rely on the bar scale on each map sheet for map measurements. |
| .28 .32 | | .02 .05 | | | Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) |
| .37 | | .10 .15 | | | Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts |
| .49 | | .17 .20 .24 | | | distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. |
| .64 Not rated or not available | | .28 .32 | | | This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. |
| Soil Rating Lines .02 | | .32 .37 .43 | | | Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023 |
| .05 .10 | | .49 .55 | | | Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. |
| .15 .17 | | .64 Not rated or not available | | | Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022 |
| .20 | U Water Fea | | | | The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. |

| Map unit symbol | Map unit name | Rating | Acres in AOI | Percent of AOI |
|---------------------------|--|--------|--------------|----------------|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | .49 | 21.8 | 55.6% |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | .24 | 7.3 | 18.7% |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | .17 | 0.3 | 0.7% |
| SR | Stony and Rough broken land | | 9.8 | 25.1% |
| Totals for Area of Intere | st | • | 39.2 | 100.0% |

Table—K Factor, Whole Soil

Rating Options—K Factor, Whole Soil

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Layer Options (Horizon Aggregation Method): Surface Layer (Not applicable)

For an attribute of a soil horizon, a depth qualification must be specified. In most cases it is probably most appropriate to specify a fixed depth range, either in centimeters or inches. The Bottom Depth must be greater than the Top Depth, and the Top Depth can be greater than zero. The choice of "inches" or "centimeters" only applies to the depth of soil to be evaluated. It has no influence on the units of measure the data are presented in.

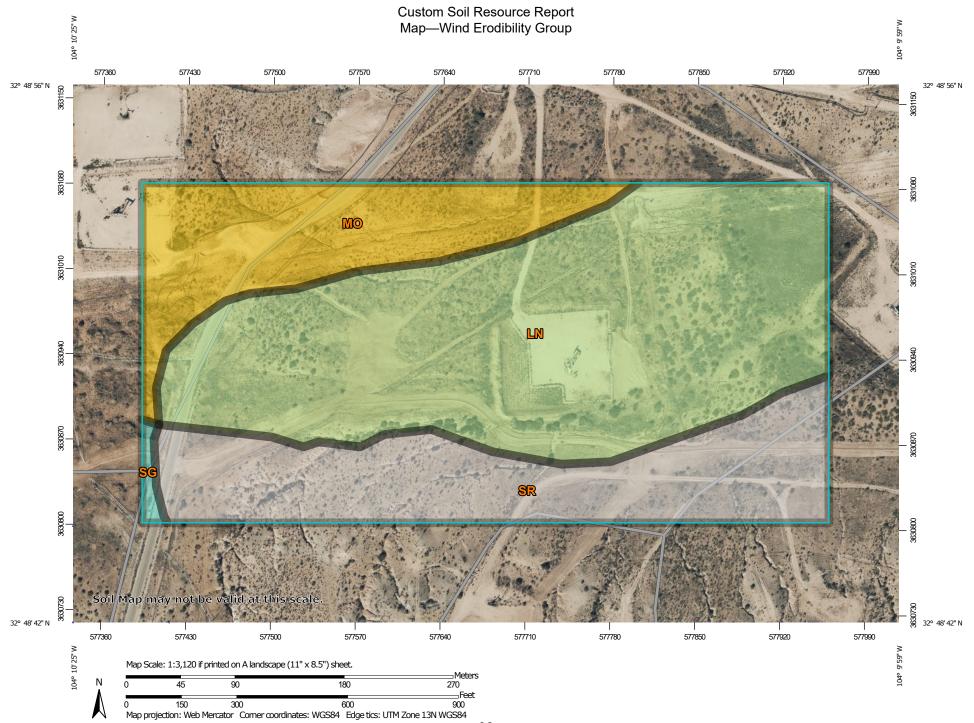
When "Surface Layer" is specified as the depth qualifier, only the surface layer or horizon is considered when deriving a value for a component, but keep in mind that the thickness of the surface layer varies from component to component.

When "All Layers" is specified as the depth qualifier, all layers recorded for a component are considered when deriving the value for that component.

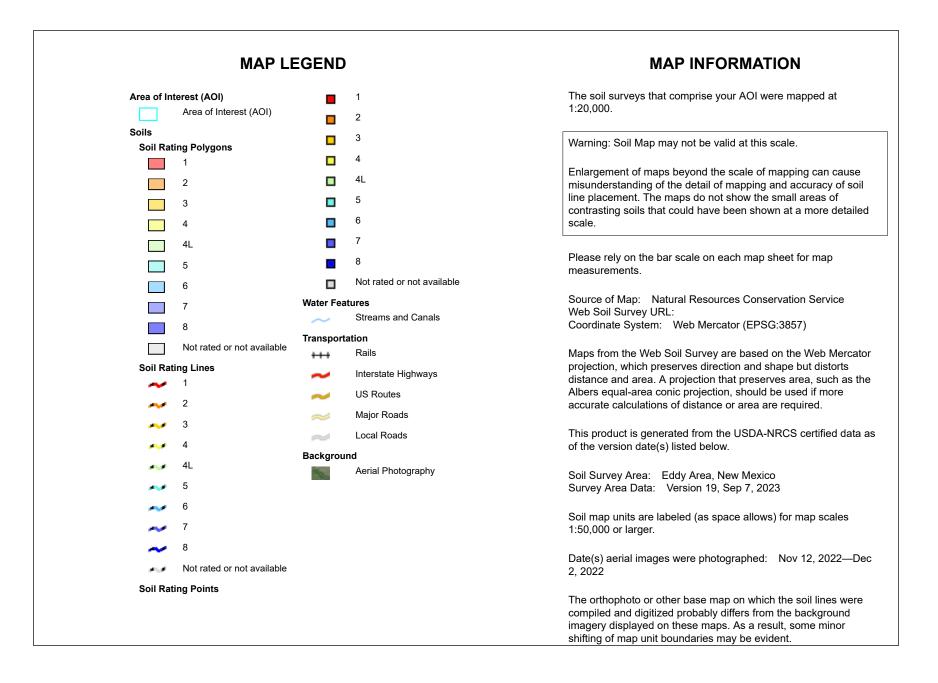
Whenever more than one layer or horizon is considered when deriving a value for a component, and the attribute being aggregated is a numeric attribute, a weighted average value is returned, where the weighting factor is the layer or horizon thickness.

Wind Erodibility Group

A wind erodibility group (WEG) consists of soils that have similar properties affecting their susceptibility to wind erosion in cultivated areas. The soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible.



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| Map unit symbol | Map unit name | Rating | Acres in AOI | Percent of AOI |
|--------------------------|--|--------|--------------|----------------|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | 4L | 21.8 | 55.6% |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | 3 | 7.3 | 18.7% |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | 5 | 0.3 | 0.7% |
| SR | Stony and Rough broken land | | 9.8 | 25.1% |
| Totals for Area of Inter | est | 39.2 | 100.0% | |

Rating Options—Wind Erodibility Group

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

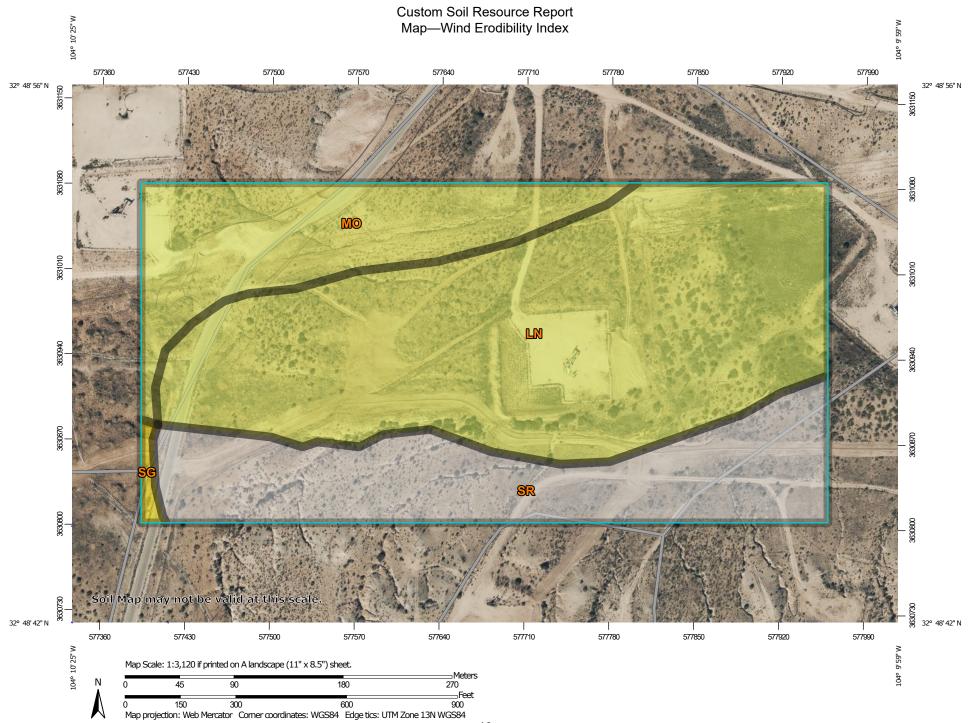
Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Wind Erodibility Index

The wind erodibility index is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion. There is a close correlation between wind erosion and the texture of the surface layer, the size and durability of surface clods, rock fragments, organic matter, and a calcareous reaction. Soil moisture and frozen soil layers also influence wind erosion.



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Custom Soil Resource Report

| MAP L | EGEND | MAP INFORMATION |
|--|---|--|
| Area of Interest (AOI) Area of Interest (AOI) | 250 310 | The soil surveys that comprise your AOI were mapped at 1:20,000. |
| Soils Soil Rating Polygons | Not rated or not available | Warning: Soil Map may not be valid at this scale. |
| 0 38 48 56 86 134 | 0 38 48 56 86 | Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale. Please rely on the bar scale on each map sheet for map measurements. |
| 160 180 220 250 | 134 160 180 220 250 | Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) Maps from the Web Soil Survey are based on the Web Mercator |
| 310 Not rated or not available Soil Rating Lines 0 | 310 Not rated or not available Water Features | projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. |
| 38 48 56 | Streams and Canals Transportation Rails Interstate Highways | This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023 |
| 86 134 | Interstate Highways US Routes Major Roads | Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. |
| 160 180 | Local Roads Background | Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022 |
| 220 | Aerial Photography | The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. |

Table—Wind Erodibility Index

| Map unit symbol | Map unit name | Rating (tons per acre per year) | Acres in AOI | Percent of AOI |
|---------------------------|--|------------------------------------|--------------|----------------|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | 86 | 21.8 | 55.6% |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | 86 | 7.3 | 18.7% |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | 56 | 0.3 | 0.7% |
| SR | Stony and Rough broken land | | 9.8 | 25.1% |
| Totals for Area of Intere | st | | 39.2 | 100.0% |

Rating Options—Wind Erodibility Index

Units of Measure: tons per acre per year

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Soil Qualities and Features

Soil qualities are behavior and performance attributes that are not directly measured, but are inferred from observations of dynamic conditions and from soil properties. Example soil qualities include natural drainage, and frost action. Soil features are attributes that are not directly part of the soil. Example soil features include slope and depth to restrictive layer. These features can greatly impact the use and management of the soil.

Depth to Bedrock

The term bedrock in soil survey refers to a continuous root and water restrictive layer of rock that occurs within the soil profile.

There are many types of restrictions that can occur within the soil profile but this theme only includes the three restrictions that use the term bedrock. These are:

1) Lithic Bedrock

- 2) Paralithic Bedrock
- 3) Densic Bedrock

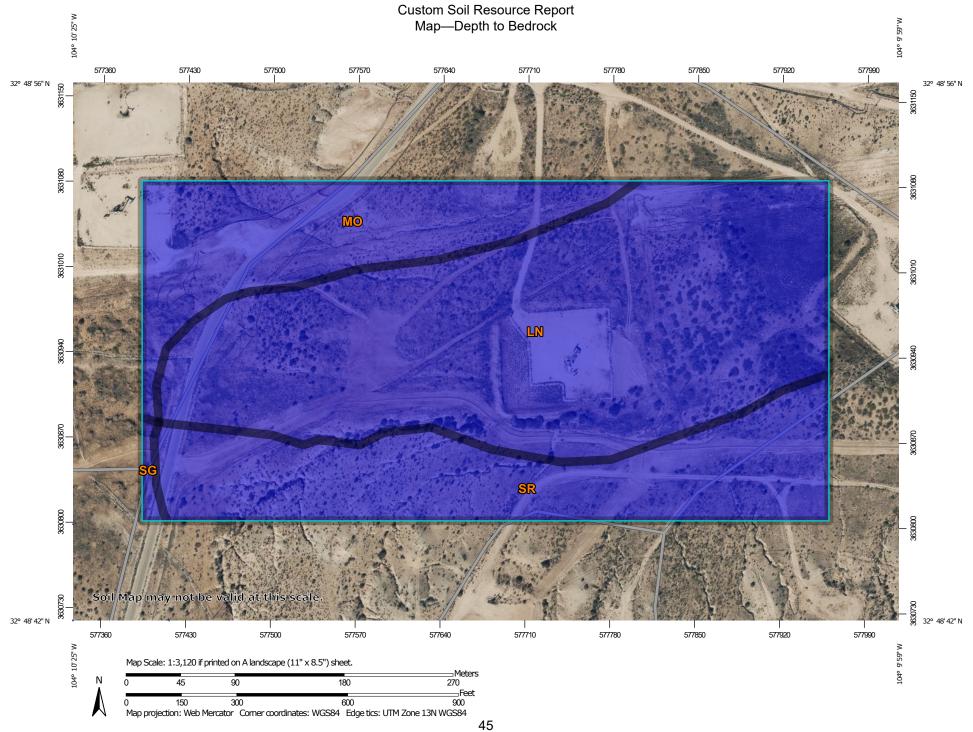
Lithic bedrock and paralithic bedrock are comprised of igneous, metamorphic, and sedimentary rocks, which are coherent and consolidated into rock through pressure, heat, cementation, or fusion. Lithic bedrock represents the hardest type of bedrock, with a hardness of strongly coherent to indurated. Paralithic bedrock has a hardness of extremely weakly coherent to moderately coherent. It can occur as a thin layer of weathered bedrock above harder lithic bedrock. Paralithic bedrock can also be much thicker, extending well below the soil profile.

Densic bedrock represents a unique kind of bedrock recognized within the soil survey. It is non-coherent and consolidated, dense root restrictive material, formed by pressure, heat, and dewatering of earth materials or sediments. Densic bedrock

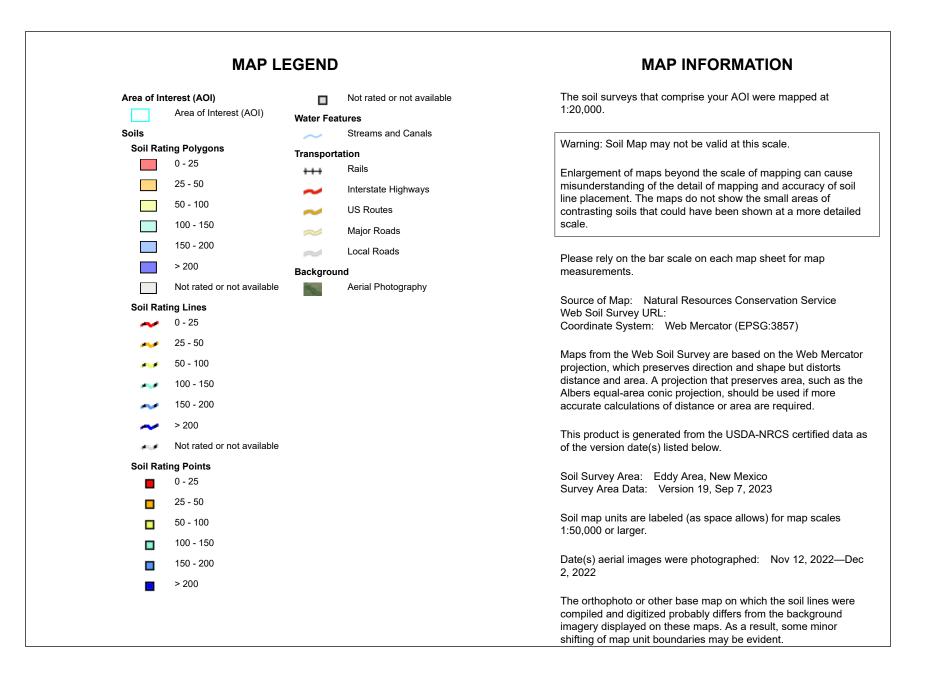
differs from densic materials, which formed under the compaction of glaciers, mudflows, and or human-caused compaction.

If more than one type of bedrock is described for an individual soil type, the depth to the shallowest one is given. If no bedrock is described in a map unit, it is represented by the "greater than 200" depth class.

Depth to bedrock is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.



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Table—Depth to Bedrock

| Map unit symbol | Map unit name | Rating (centimeters) | Acres in AOI | Percent of AOI |
|--------------------------|--|----------------------|--------------|----------------|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | >200 | 21.8 | 55.6% |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | >200 | 7.3 | 18.7% |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | >200 | 0.3 | 0.7% |
| SR | Stony and Rough broken land | >200 | 9.8 | 25.1% |
| Totals for Area of Inter | est | 39.2 | 100.0% | |

Rating Options—Depth to Bedrock

Units of Measure: centimeters

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tiebreak" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be

considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Interpret Nulls as Zero: No

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

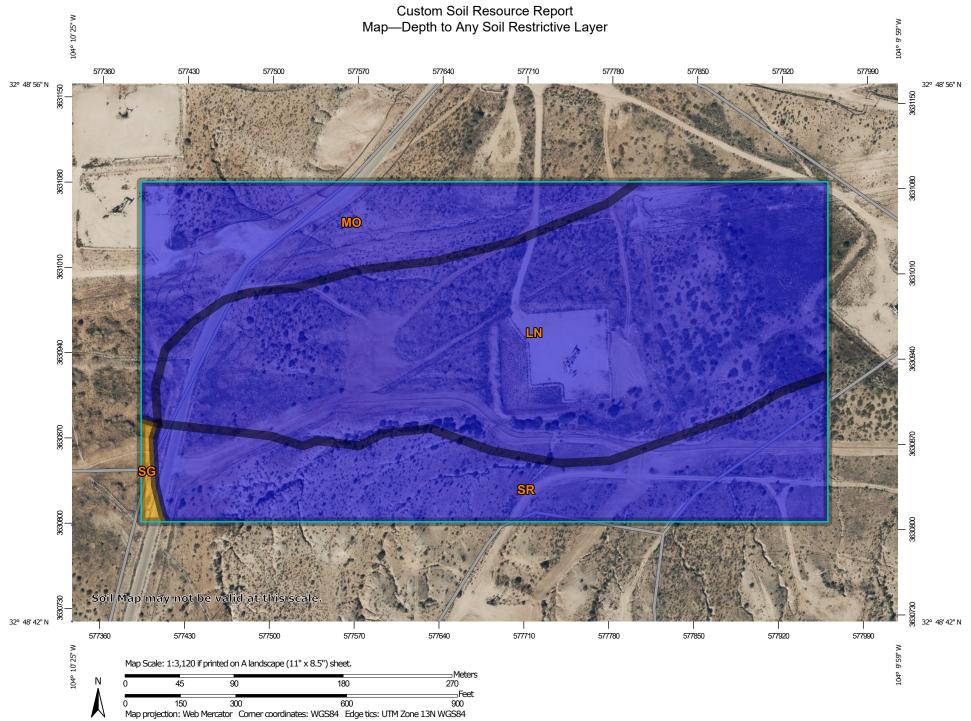
Depth to Any Soil Restrictive Layer

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

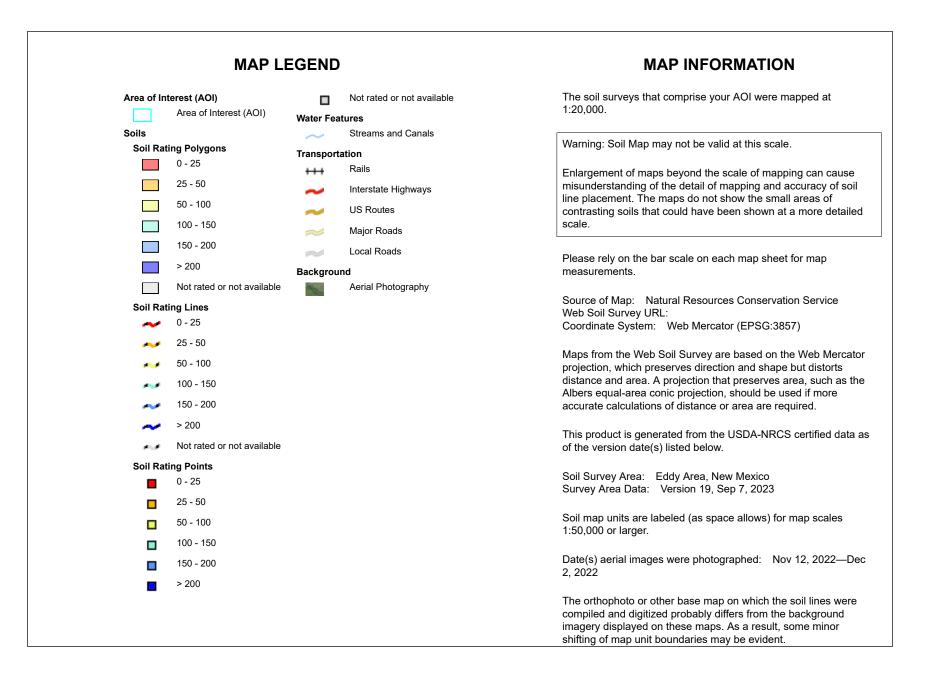
This theme presents the depth to any type of restrictive layer that is described for each map unit. If more than one type of restrictive layer is described for an individual soil type, the depth to the shallowest one is presented. If no restrictive layer is described in a map unit, it is represented by the "greater than 200" depth class.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

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Table—Depth to Any Soil Restrictive Layer

| Map unit symbol | Map unit name | Rating (centimeters) | Acres in AOI | Percent of AOI |
|---------------------------|--|----------------------|--------------|----------------|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | >200 | 21.8 | 55.6% |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | >200 | 7.3 | 18.7% |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | 48 | 0.3 | 0.7% |
| SR | Stony and Rough broken land | >200 | 9.8 | 25.1% |
| Totals for Area of Intere | st | | 39.2 | 100.0% |

Rating Options—Depth to Any Soil Restrictive Layer

Units of Measure: centimeters

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tiebreak" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be

considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

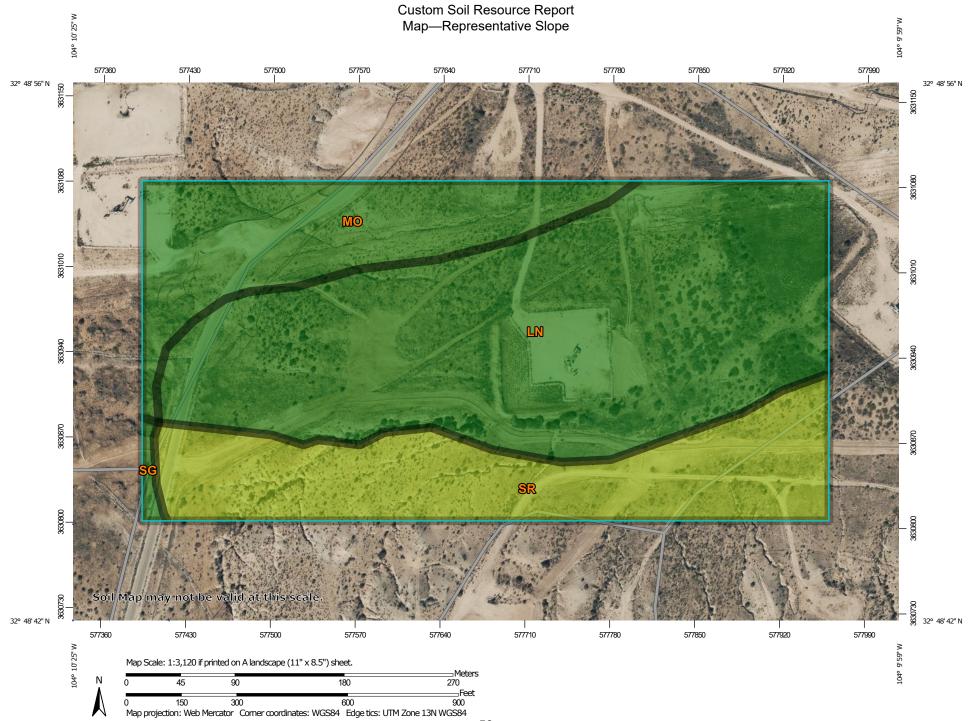
Interpret Nulls as Zero: No

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

Representative Slope

Slope gradient is the difference in elevation between two points, expressed as a percentage of the distance between those points.

The slope gradient is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.



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| | MAP L | EGEND | MAP INFORMATION | |
|------------------|---|--|--|--|
| Soil Ratin | rest (AOI) Area of Interest (AOI) g Polygons 0 - 5 5 - 15 15 - 45 45 - 60 60 - 100 Not rated or not available | Fransportation Image: Arrow of the state of | <section-header><section-header><text><text><text><text><text><text></text></text></text></text></text></text></section-header></section-header> | |
| Soil Ratin | 0 - 5 5 - 15 15 - 45 45 - 60 | | distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023 Soil map units are labeled (as space allows) for map scales | |
| U Water Featu | 60 - 100 Not rated or not available ires Streams and Canals | | Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022 The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. | |

Table—Representative Slope

| Map unit symbol | Map unit name | Rating (percent) | Acres in AOI | Percent of AOI | | |
|---------------------------|--|------------------|--------------|----------------|--|--|
| LN | Largo-Stony land complex, 0 to 25 percent slopes | 3.0 | 21.8 | 55.6% | | |
| МО | Mobeetie fine sandy loam, 1 to 5 percent slopes | 3.0 | 7.3 | 18.7% | | |
| SG | Simona gravelly fine sandy loam, 0 to 3 percent slopes | 2.0 | 0.3 | 0.7% | | |
| SR | Stony and Rough broken land | 8.0 | 9.8 | 25.1% | | |
| Totals for Area of Intere | est | | 39.2 | 100.0% | | |

Rating Options—Representative Slope

Units of Measure: percent

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tiebreak" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be

considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Interpret Nulls as Zero: No

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

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NMSLO Seed Mix

Coarse (CS)

COARSE (CS) SITES SEED MIXTURE:

| COMMON NAME | VARIETY | APPLICATION RATE (PLS/Acre) | DRILL BOX | |
|---------------------|--------------------|--------------------------------|--------------|--|
| Grasses: | | | | |
| Sand bluestem | VNS, Southern | 2.0 | F | |
| Sideoats grama | Vaughn, El Reno | 2.0 | F | |
| Blue grama | Hachita, Lovington | 1.5 | D | |
| Little bluestem | Cimmaron, Pastura | 1.5 | F | |
| Sand dropseed | VNS, Southern | 1.0 | S | |
| Plains bristlegrass | VNS, Southern | 0.75 | D | |
| Forbs: | | | | |
| Parry penstemon | VNS, Southern | 1.0 | D | |
| Desert globemallow | VNS, Southern | 1.0 | D | |
| White prairieclover | Kaneb, VNS | 0.5 | D | |
| Sulfur buckwheat | VNS, Southern | 0.5 | D | |
| Shrubs: | | | | |
| Fourwing saltbush | VNS, Southern | 1.0 | D | |
| Skunkbush sumac | VNS, Southern | 1.0 | D | |
| Common winterfat | VNS, Southern | 1.0 | F | |
| Fringed sagewort | VNS, Southern | 0.5 | F | |
| | Total PLS/acr | e 18.25 | | |

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

• VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.

- Double above seed rates for broadcast or hydroseeding.
- If Parry is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow.
- If one species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.



NMSLO Seed Mix

Loamy (L)

LOAMY (L) SITES SEED MIXTURE:

| COMMON NAME | VARIETY | APPLICATION RATE (PLS/Acre) | DRILL BOX |
|--|--------------------|--------------------------------|--------------|
| <u>Grasses:</u> | | | |
| Black grama | VNS, Southern | 1.0 | D |
| Blue grama | Lovington | 1.0 | D |
| Sideoats grama | Vaughn, El Reno | 4.0 | F |
| Sand dropseed | VNS, Southern | 2.0 | S |
| Alkali sacaton | VNS, Southern | 1.0 | |
| Little bluestem | Cimarron, Pastura | 1.5 | F |
| <u>Forbs:</u> Firewheel (<i>Gaillardia</i>) | VNS, Southern | 1.0 | D |
| Shrubs: | Manual Carda Dia | | |
| Fourwing saltbush | Marana, Santa Rita | 1.0 | D |
| Common winterfat | VNS, Southern | 0.5 | F |
| | Total PLS/acr | e 18.0 | 818 |

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at http://plants.usda.gov.





May 01, 2024

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: ELVIS BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 04/25/24 15:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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



Tamara Oldaker

Analytical Results For:

| | TRINITY OILFIELD S | ERVICES & RENTALS, LLC | |
|------------|--------------------|------------------------|---------------|
| | DAN DUNKELBERG | | |
| | P. O. BOX 2587 | | |
| | HOBBS NM, 88241 | | |
| | Fax To: NONE | | |
| 04/25/2024 | | Sampling Date: | 04/23/2024 |
| 05/01/2024 | | Sampling Type: | Soil |
| ELVIS BOOS | STER | Sampling Condition: | Cool & Intact |

Sample Received By:

Sample ID: DH-003.0-01.0-P (H242226-01)

NONE GIVEN

LONGFELLOW - EDDY CO NM

Received:

Reported:

Project Name:

Project Number:

Project Location:

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.69 | 84.7 | 2.00 | 0.222 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.71 | 85.6 | 2.00 | 0.859 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.73 | 86.5 | 2.00 | 0.139 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.14 | 85.6 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 205 | 102 | 200 | 0.999 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 212 | 106 | 200 | 1.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.1 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | ES & RENTALS, LLC | | |
|-------------------|------------------------|-------------------|---------------------|----------------|
| | DAN D | DUNKELBERG | | |
| | P. O. E | BOX 2587 | | |
| | HOBBS | S NM, 88241 | | |
| | Fax To | : NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | M | | |

Sample ID: DH-004.0-01.0-P (H242226-02)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.69 | 84.7 | 2.00 | 0.222 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.71 | 85.6 | 2.00 | 0.859 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.73 | 86.5 | 2.00 | 0.139 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.14 | 85.6 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 205 | 102 | 200 | 0.999 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 212 | 106 | 200 | 1.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| • | | | 1 3 /1 | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | М | | |

Sample ID: DH-005.0-01.0-P (H242226-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.69 | 84.7 | 2.00 | 0.222 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.71 | 85.6 | 2.00 | 0.859 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.73 | 86.5 | 2.00 | 0.139 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.14 | 85.6 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 205 | 102 | 200 | 0.999 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 212 | 106 | 200 | 1.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 % | 6 48.2-13 | 4 | | | | | | |
| | | | | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | ES & RENTALS, LLC | | |
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| | DAN D | DUNKELBERG | | |
| | P. O. E | BOX 2587 | | |
| | HOBBS | S NM, 88241 | | |
| | Fax To | : NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | M | | |

Sample ID: DH-006.0-01.0-P (H242226-04)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.69 | 84.7 | 2.00 | 0.222 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.71 | 85.6 | 2.00 | 0.859 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.73 | 86.5 | 2.00 | 0.139 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.14 | 85.6 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 205 | 102 | 200 | 0.999 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 212 | 106 | 200 | 1.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | DAN DUN | NKELBERG | | |
|-------------------|-------------------------|-----------|---------------------|----------------|
| | P. O. BO) | x 2587 | | |
| | HOBBS N | IM, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DH-007.0-01.0-P (H242226-05)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.69 | 84.7 | 2.00 | 0.222 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.71 | 85.6 | 2.00 | 0.859 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.73 | 86.5 | 2.00 | 0.139 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.14 | 85.6 | 6.00 | 0.827 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | 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 | 04/27/2024 | ND | 205 | 102 | 200 | 0.999 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 212 | 106 | 200 | 1.98 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | ICES & RENTALS, LLC | | | | | | | |
|-------------------|----------------------|--------------|---------------------|----------------|--|--|--|--|
| | DAN | DUNKELBERG | | | | | | |
| | P. O. BOX 2587 | | | | | | | |
| | НОВ | BS NM, 88241 | | | | | | |
| | Fax ⁻ | To: NONE | | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 | | | | |
| Reported: | 05/01/2024 | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | Longfellow - Eddy Co | NM | | | | | | |

Sample ID: DH-008.0-01.0-P (H242226-06)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 0 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | | |
|--|-------------------------|-----------|---------------------|----------------|--|--|--|--|
| | DAN DUI | NKELBERG | | | | | | |
| | P. O. BOX 2587 | | | | | | | |
| | HOBBS N | NM, 88241 | | | | | | |
| | Fax To: | NONE | | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 | | | | |
| Reported: | 05/01/2024 | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDDY CO NM | | | | | | | |

Sample ID: DH-009.0-01.0-P (H242226-07)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | 6 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVICES & RENTALS, LLC | | | | | | | |
|-------------------|-------------------------|----------------------------------|----------------|--|--|--|--|--|--|
| | DAN DUNKELBERG | | | | | | | | |
| | P. O. BO | P. O. BOX 2587 | | | | | | | |
| | HOBBS N | IM, 88241 | | | | | | | |
| | Fax To: | NONE | | | | | | | |
| | | | | | | | | | |
| Received: | 04/25/2024 | Sampling Date: | 04/23/2024 | | | | | | |
| Reported: | 05/01/2024 | Sampling Type: | Soil | | | | | | |
| Project Name: | ELVIS BOOSTER | Sampling Condition: | Cool & Intact | | | | | | |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker | | | | | | |
| Project Location: | LONGFELLOW - EDDY CO NM | | | | | | | | |

Sample ID: DH-010.0-01.0-P (H242226-08)

| BTEX 8021B | mg/ | /kg | Analyze | ed By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | ed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 49.1-14 | | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | | |
|--|-------------------|----------|---------|---------------------|----------------|--|--|--|
| | C | dan dunk | ELBERG | | | | | |
| | P. O. BOX 2587 | | | | | | | |
| | ŀ | HOBBS NM | , 88241 | | | | | |
| | F | Fax To: | NONE | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | |
| Project Location: | LONGFELLOW - EDDY | CO NM | | | | | | |

Sample ID: DH-011.0-01.0-P (H242226-09)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Tamara Oldaker

Analytical Results For:

| | TRINITY O | DILFIELD SERVICE | ES & RENTALS, LLC | |
|---------------|-----------|------------------|---------------------|---------------|
| | DAN DUNK | KELBERG | | |
| | P. O. BOX | 2587 | | |
| | HOBBS NM | 1, 88241 | | |
| | Fax To: | NONE | | |
| 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| 05/01/2024 | | | Sampling Type: | Soil |
| ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |

Sample Received By:

Sample ID: DH-012.0-01.0-P (H242226-10)

NONE GIVEN

LONGFELLOW - EDDY CO NM

Received:

Reported: Project Name:

Project Number:

Project Location:

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | | |
|--|-------------------------|-----------|---------------------|----------------|--|--|--|--|
| | DAN DUN | NKELBERG | | | | | | |
| | P. O. BOX 2587 | | | | | | | |
| | HOBBS N | IM, 88241 | | | | | | |
| | Fax To: | NONE | | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 | | | | |
| Reported: | 05/01/2024 | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDDY CO NM | | | | | | | |

Sample ID: DH-013.0-01.0-P (H242226-11)

| BTEX 8021B | mg | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TI | RINITY OI | LFIELD SERVICE | ES & RENTALS, LLC | | | | | |
|-------------------|---------------------|-----------|----------------|---------------------|----------------|--|--|--|--|
| | D | | | | | | | | |
| P. O. BOX 2587 | | | | | | | | | |
| | Н | IOBBS NM, | 88241 | | | | | | |
| | Fa | ax To: | NONE | | | | | | |
| | | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDDY (| CO NM | | | | | | | |

Sample ID: DV-020.0-00.0-P (H242226-12)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 10800 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | 41.3 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | |
|-------------------|------------------|--|---------|---------------------|----------------|--|--|--|--|
| | | DAN DUNK | KELBERG | | | | | | |
| P. O. BOX 2587 | | | | | | | | | |
| HOBBS NM, 88241 | | | | | | | | | |
| | | Fax To: | NONE | | | | | | |
| | | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | Longfellow - Edi | DY CO NM | | | | | | | |

Sample ID: DV-020.0-08.0-P (H242226-13)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | |
|-------------------|------------------|--|--------|---------------------|----------------|--|--|--|--|
| | | DAN DUNK | ELBERG | | | | | | |
| | P. O. BOX 2587 | | | | | | | | |
| HOBBS NM, 88241 | | | | | | | | | |
| | | Fax To: | NONE | | | | | | |
| | | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDD | Y CO NM | | | | | | | |

Sample ID: DV-021.0-00.0-P (H242226-14)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 12000 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | D | Dan Dunke | ELBERG | | | | | | |
| P. O. BOX 2587 | | | | | | | | | |
| HOBBS NM, 88241 | | | | | | | | | |
| | F | ax To: | NONE | | | | | | |
| | | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDDY | CO NM | | | | | | | |

Sample ID: DV-021.0-04.0-P (H242226-15)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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|-------------------|------------------|--|---------|---------------------|----------------|--|--|--|--|
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| HOBBS NM, 88241 | | | | | | | | | |
| | | Fax To: | NONE | | | | | | |
| | | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDD | DY CO NM | | | | | | | |

Sample ID: DV-022.0-00.0-P (H242226-16)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | Analyzed By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 10600 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| DAN DUNKELBERG | | | | | | | | | |
| | P. O. BOX 2587 | | | | | | | | |
| | HOBBS NM, 88241 | | | | | | | | |
| | | Fax To: | NONE | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - ED | DY CO NM | | | | | | | |

Sample ID: DV-022.0-04.0-P (H242226-17)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 544 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 0 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | D | an dunke | ELBERG | | |
| | P. | . O. BOX 2 | 587 | | |
| | Н | IOBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY (| CO NM | | | |

Sample ID: DV-023.0-00.0-P (H242226-18)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1800 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | 6 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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|-------------------|---------------------|------------|----------------|---------------------|----------------|
| | D | an dunke | ELBERG | | |
| | P. | . O. BOX 2 | 587 | | |
| | Н | IOBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY (| CO NM | | | |

Sample ID: DV-023.0-04.0-P (H242226-19)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 528 | 16.0 | 04/29/2024 | 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.0 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 9 | 6 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

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|-----------------|----------------|-----------|-----------------|---------------------|----------------|--|--|--|
| | | DAN DUNK | KELBERG | | | | | |
| | P. O. BOX 2587 | | | | | | | |
| | | HOBBS NM | 1, 88241 | | | | | |
| | | Fax To: | NONE | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | |

Sample ID: DV-024.0-00.0-S (H242226-20)

Project Location:

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 34400 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | QM-07 |
| 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 9 | 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

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|-----------------|---------------|-----------|----------------|---------------------|----------------|
| | | DAN DUN | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NN | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |

Sample ID: DV-024.0-01.0-S (H242226-21)

Project Location:

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/26/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/26/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/26/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-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 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | ITY OILFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|------------------------|----------------------|---------------------|----------------|
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| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DV-025.0-00.0-S (H242226-22)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 55200 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY O | ILFIELD SERVIC | ES & RENTALS, LLC | | | | | |
|-------------------|------------------|-----------|----------------|---------------------|----------------|--|--|--|--|
| | | DAN DUNK | ELBERG | | | | | | |
| | P. O. BOX 2587 | | | | | | | | |
| | | HOBBS NM | l, 88241 | | | | | | |
| | | Fax To: | NONE | | | | | | |
| | | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDD | Y CO NM | | | | | | | |

Sample ID: DV-025.0-04.0-S (H242226-23)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/27/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Tamara Oldaker

Analytical Results For:

| | TRINITY (| OILFIELD SERVI | ICES & RENTALS, LLC | | | | | |
|---------------|-----------|----------------|---------------------|---------------|--|--|--|--|
| | DAN DUN | KELBERG | | | | | | |
| | P. O. BOX | P. O. BOX 2587 | | | | | | |
| | HOBBS N | M, 88241 | | | | | | |
| | Fax To: | NONE | | | | | | |
| 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | | |
| 05/01/2024 | | | Sampling Type: | Soil | | | | |
| ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | |

Sample Received By:

Sample ID: DV-026.0-00.0-S (H242226-24)

NONE GIVEN

LONGFELLOW - EDDY CO NM

Received:

Reported: Project Name:

Project Number:

Project Location:

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 49600 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/27/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 % | 6 49.1-14 | 8 | | | | | | |

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | | |
|--|-------------------|------------|---------|---------------------|----------------|--|--|--|
| | D | Dan Dunke | ELBERG | | | | | |
| | Р | . O. BOX 2 | 2587 | | | | | |
| | Н | HOBBS NM, | , 88241 | | | | | |
| | F | ax To: | NONE | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | |
| Project Location: | LONGFELLOW - EDDY | CO NM | | | | | | |

Sample ID: DV-026.0-03.0-S (H242226-25)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.0 | 2.00 | 0.147 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.7 | 2.00 | 1.36 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.83 | 91.4 | 2.00 | 1.86 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.66 | 94.3 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/27/2024 | ND | 188 | 94.2 | 200 | 1.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 189 | 94.7 | 200 | 1.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVICES & RENTALS, LLC | |
|-------------------|-------------------------|----------------------------------|----------------|
| | DAN DUN | IKELBERG | |
| | P. O. BOX | (2587 | |
| | HOBBS N | M, 88241 | |
| | Fax To: | NONE | |
| | | | |
| Received: | 04/25/2024 | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | |

Sample ID: DV-027.0-00.0-P (H242226-26)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 33600 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | 19.4 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | | |
|--|----------------------|---------------|---------------------|----------------|--|--|--|--|
| | DAN | I DUNKELBERG | | | | | | |
| | P. O |). BOX 2587 | | | | | | |
| | HOB | 3BS NM, 88241 | | | | | | |
| | Fax | To: NONE | | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDDY CO | NM | | | | | | |

Sample ID: DV-027.0-05.0-P (H242226-27)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 69.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | VITY OILFIELD SERV | VICES & RENTALS, LLC | | | | | |
|-------------------|----------------------|--------------------|----------------------|----------------|--|--|--|--|
| | DAN | DUNKELBERG | | | | | | |
| | P. O | . BOX 2587 | | | | | | |
| | HOBBS NM, 88241 | | | | | | | |
| | Fax | To: NONE | | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | Longfellow - Eddy Co | NM | | | | | | |

Sample ID: DV-028.0-00.0-P (H242226-28)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 43200 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | ES & RENTALS, LLC | | | | | |
|-------------------|-------------------------|-----------------|---------------------|----------------|--|--|--|--|
| | DAN DU | NKELBERG | | | | | | |
| | P. O. BO | X 2587 | | | | | | |
| | HOBBS NM, 88241 | | | | | | | |
| | Fax To: | NONE | | | | | | |
| | | | | | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 | | | | |
| Reported: | 05/01/2024 | | Sampling Type: | Soil | | | | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact | | | | |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker | | | | |
| Project Location: | LONGFELLOW - EDDY CO NM | | | | | | | |

Sample ID: DV-028.0-07.0-P (H242226-29)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.7 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

| | | TRINITY C | DILFIELD SERVI | CES & RENTALS, LLC | |
|-----------------|---------------|-----------|----------------|---------------------|----------------|
| | | DAN DUNI | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NN | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |

Sample ID: DV-029.0-00.0-P (H242226-30)

Project Location:

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | ′kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 39200 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | 20.9 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN I | DUNKELBERG | | |
| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DV-029.0-10.0-P (H242226-31)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 24800 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.5 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN | I DUNKELBERG | | |
| | P. O |). BOX 2587 | | |
| | HOB | 3BS NM, 88241 | | |
| | Fax | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-030.0-00.0-P (H242226-32)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 42400 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

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|-----------------|---------------|-----------|-----------------|---------------------|----------------|
| | | DAN DUNK | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |

Sample ID: DV-030.0-06.0-P (H242226-33)

Project Location:

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN DU | NKELBERG | | |
| | P. O. BO | X 2587 | | |
| | HOBBS N | IM, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-031.0-00.0-P (H242226-34)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 7200 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | TY OILFIELD SERVIC | ES & RENTALS, LLC | |
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| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | : NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | Μ | | |

Sample ID: DV-031.0-04.0-P (H242226-35)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/26/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/26/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/26/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

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| | | DAN DUNI | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NN | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| | | | | | |

Sample ID: DV-032.0-00.0-P (H242226-36)

Project Location:

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 7800 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN DU | NKELBERG | | |
| | P. O. BO | X 2587 | | |
| | HOBBS N | IM, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-032.0-11.0-P (H242226-37)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

| | | TRINITY C | DILFIELD SERVIC | ES & RENTALS, LLC | |
|-----------------|---------------|-----------|-----------------|---------------------|----------------|
| | | DAN DUNK | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |

Sample ID: DV-033.0-00.0-P (H242226-38)

Project Location:

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 9330 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | TY OILFIELD SERVI | CES & RENTALS, LLC | |
|-------------------|------------------------|-------------------|---------------------|----------------|
| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | : NONE | | |
| Received: | 04/25/2024 | | Sampling Data | 04/24/2024 |
| Received. | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co N | М | | |

Sample ID: DV-033.0-03.0-P (H242226-39)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 04/29/2024 | ND | 448 | 112 | 400 | 7.41 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

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| | | DAN DUNI | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NN | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |

Sample ID: DV-034.0-00.0-P (H242226-40)

Project Location:

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 14000 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | QM-07 |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 117 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 9 | 6 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | DAN I | DUNKELBERG | | |
| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DV-016.0-00.0-P (H242226-41)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | 0.217 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | 0.260 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | 0.549 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | 1.03 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 31600 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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* | 11.6 | 10.0 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | 67.9 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | 16.1 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | P. O. B | BOX 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | : NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NI | Ŋ | | |

Sample ID: DV-016.0-11.0-P (H242226-42)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 368 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | | DAN DUNK | ELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | , 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | Y CO NM | | | |

Sample ID: DV-017.0-00.0-P (H242226-43)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | 0.053 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13200 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | 32.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DV-017.0-07.0-P (H242226-44)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.76 | 88.1 | 2.00 | 3.74 | |
| Toluene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.82 | 91.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/27/2024 | ND | 1.90 | 95.2 | 2.00 | 6.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/27/2024 | ND | 5.82 | 97.1 | 6.00 | 6.86 | |
| Total BTEX | <0.300 | 0.300 | 04/27/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DA | an dunke | LBERG | | |
| | Ρ. | 0. BOX 2 | 587 | | |
| | HC | OBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY C | CO NM | | | |

Sample ID: DV-018.0-00.0-P (H242226-45)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.23 | 112 | 2.00 | 7.00 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.05 | 102 | 2.00 | 6.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.99 | 99.6 | 2.00 | 4.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.05 | 101 | 6.00 | 4.82 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 25600 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/27/2024 | ND | 186 | 93.0 | 200 | 7.30 | |
| DRO >C10-C28* | 11.8 | 10.0 | 04/27/2024 | ND | 204 | 102 | 200 | 9.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/27/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN D | UNKELBERG | | |
| | P. O. B | OX 2587 | | |
| | HOBBS | NM, 88241 | | |
| | Fax To | : NONE | | |
| Received: | 04/25/2024 | | Sampling Data | 04/22/2024 |
| Received. | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co N | 1 | | |

Sample ID: DV-018.0-05.0-P (H242226-46)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.1 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | | DAN DUN | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NN | 4, 88241 | | |
| | | Fax To: | NONE | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - ED | DY CO NM | | | |

Sample ID: DV-019.0-00.0-P (H242226-47)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 14000 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | 26.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN | DUNKELBERG | | |
| | P. O. | . BOX 2587 | | |
| | НОВ | BS NM, 88241 | | |
| | Fax ⁻ | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-019.0-04.0-P (H242226-48)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.1 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY O | ILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|-------------------|-----------|----------------|---------------------|----------------|
| | | DAN DUNK | ELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | , 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | Y CO NM | | | |

Sample ID: DH-001.0-01.0-P (H242226-49)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.2 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | Y OILFIELD SERVI | CES & RENTALS, LLC | |
|-------------------|------------------------|------------------|---------------------|----------------|
| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| • | | | 1 3 /1 | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | М | | |

Sample ID: DH-002.0-01.0-P (H242226-50)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | TY OILFIELD SERVIC | ES & RENTALS, LLC | |
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| | DAN D | DUNKELBERG | | |
| | P. O. E | BOX 2587 | | |
| | HOBBS | S NM, 88241 | | |
| | Fax To | : NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | M | | |

Sample ID: DV-011.0-00.0-P (H242226-51)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 26800 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

| | | TRINITY C | ILFIELD SERVI | CES & RENTALS, LLC | |
|-----------------|---------------|-----------|---------------|---------------------|----------------|
| | | DAN DUNK | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |

Sample ID: DV-011.0-03.0-P (H242226-52)

Project Location:

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.8 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | TY OILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|------------------------|--------------------|---------------------|----------------|
| | DAN D | DUNKELBERG | | |
| | P. O. E | BOX 2587 | | |
| | HOBBS | S NM, 88241 | | |
| | Fax To | : NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | M | | |

Sample ID: DV-012.0-00.0-P (H242226-53)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 34400 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.4 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | 6 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | ITY OILFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|------------------------|----------------------|---------------------|----------------|
| | DAN I | DUNKELBERG | | |
| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DV-012.0-04.0-P (H242226-54)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DUN | IKELBERG | | |
| | P. O. BO) | < 2587 | | |
| | HOBBS N | M, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-013.0-00.0-P (H242226-55)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 12600 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DUN | IKELBERG | | |
| | P. O. BO) | < 2587 | | |
| | HOBBS N | M, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-013.0-04.0-P (H242226-56)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.4 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | | DAN DUNK | ELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | , 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | Y CO NM | | | |

Sample ID: DV-014.0-00.0-P (H242226-57)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13400 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | 24.8 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.8 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | DAN | DUNKELBERG | | |
| | P. O. | . BOX 2587 | | |
| | НОВ | BS NM, 88241 | | |
| | Fax ⁻ | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-014.0-06.0-P (H242226-58)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 69.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.8 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | DAN | DUNKELBERG | | |
| | P. O. | . BOX 2587 | | |
| | НОВ | BS NM, 88241 | | |
| | Fax ⁻ | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-015.0-00.0-P (H242226-59)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 26800 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | 21.6 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.3 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| • | | | 1 3 /1 | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | М | | |

Sample ID: DV-015.0-05.0-P (H242226-60)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/29/2024 | ND | 432 | 108 | 400 | 3.64 | |
| 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.5 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| • | | | 1 3 /1 | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | М | | |

Sample ID: DV-006.0-00.0-P (H242226-61)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13400 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 67.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.5 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | D | an dunke | ELBERG | | |
| | P. | . O. BOX 2 | 587 | | |
| | Н | IOBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY (| CO NM | | | |

Sample ID: DV-006.0-06.0-P (H242226-62)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 \$ | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 % | 6 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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|-------------------|---------------------|------------|----------------|---------------------|----------------|
| | D | an dunke | ELBERG | | |
| | P. | . O. BOX 2 | 587 | | |
| | Н | IOBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY (| CO NM | | | |

Sample ID: DV-007.0-00.0-P (H242226-63)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 10200 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN I | DUNKELBERG | | |
| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DV-007.0-06.0-P (H242226-64)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.7 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINIT | Y OILFIELD SERVIO | CES & RENTALS, LLC | |
|-------------------|------------------------|-------------------|---------------------|----------------|
| | DAN D | UNKELBERG | | |
| | P. O. B | OX 2587 | | |
| | HOBBS | NM, 88241 | | |
| | Fax To | : NONE | | |
| Received: | 04/25/2024 | | Sampling Data | 04/22/2024 |
| Received. | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co N | 1 | | |

Sample ID: DV-008.0-00.0-P (H242226-65)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.81 | 90.7 | 2.00 | 1.89 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.83 | 91.6 | 2.00 | 1.82 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.82 | 90.8 | 2.00 | 1.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 5.61 | 93.4 | 6.00 | 1.84 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 19000 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 182 | 91.0 | 200 | 2.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 173 | 86.7 | 200 | 3.08 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.5 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Tamara Oldaker

Analytical Results For:

| | TRINITY (| DILFIELD SER | /ICES & RENTALS, LLC | |
|---------------|-----------|--------------|----------------------|---------------|
| | DAN DUN | KELBERG | | |
| | P. O. BOX | 2587 | | |
| | HOBBS N | Ч, 88241 | | |
| | Fax To: | NONE | | |
| 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| 05/01/2024 | | | Sampling Type: | Soil |
| ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |

Sample Received By:

Sample ID: DV-008.0-05.0-P (H242226-66)

NONE GIVEN

LONGFELLOW - EDDY CO NM

Received:

Reported: Project Name:

Project Number:

Project Location:

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.2 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY O | ILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|-------------------|-----------|----------------|---------------------|----------------|
| | | DAN DUNK | ELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | , 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | Y CO NM | | | |

Sample ID: DV-009.0-00.0-P (H242226-67)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 10000 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | 31.5 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | ITY OILFIELD SERV | ICES & RENTALS, LLC | |
|-------------------|----------------------|-------------------|---------------------|----------------|
| | DAN | DUNKELBERG | | |
| | P. O. | . BOX 2587 | | |
| | НОВ | BS NM, 88241 | | |
| | Fax ⁻ | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-009.0-03.0-P (H242226-68)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.6 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | CES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DUI | NKELBERG | | |
| | P. O. BO | X 2587 | | |
| | HOBBS N | NM, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-010.0-00.0-P (H242226-69)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 17800 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.5 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | ITY OILFIELD SERV | ICES & RENTALS, LLC | |
|-------------------|----------------------|-------------------|---------------------|----------------|
| | DAN | DUNKELBERG | | |
| | P. O. | . BOX 2587 | | |
| | НОВ | BS NM, 88241 | | |
| | Fax ⁻ | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-010.0-03.0-P (H242226-70)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.7 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.1 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRI | INITY OILFIELD SERVICE | S & RENTALS, LLC | |
|-------------------|----------------------|------------------------|---------------------|----------------|
| | DAI | n Dunkelberg | | |
| | Р. (| O. BOX 2587 | | |
| | HO | BBS NM, 88241 | | |
| | Fax | To: NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | D NM | | |

Sample ID: DV-001.0-00.0-P (H242226-71)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 11.1 | 0.200 | 04/30/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | 25.9 | 0.200 | 04/30/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | 18.5 | 0.200 | 04/30/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | 27.2 | 0.600 | 04/30/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | 82.8 | 1.20 | 04/30/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 52800 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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* | 236 | 10.0 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | 287 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | 39.9 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 | % 49.1-14 | 8 | | | | | | |

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TF | RINITY OI | LFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|---------------------|------------|----------------|---------------------|----------------|
| | D | AN DUNKE | LBERG | | |
| | Р. | . O. BOX 2 | 587 | | |
| | H | OBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy (| CO NM | | | |

Sample ID: DV-001.0-10.0-P (H242226-72)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.6 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | ITY OILFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|------------------------|----------------------|---------------------|----------------|
| | DAN I | DUNKELBERG | | |
| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DV-002.0-00.0-P (H242226-73)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.353 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | 1.16 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | 1.81 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | 3.22 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | 6.54 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 119 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 27600 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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* | 49.0 | 10.0 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | 160 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | 25.9 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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|-------------------|-------------------|-------------|-----------------|---------------------|----------------|
| | C | dan dunk | ELBERG | | |
| | F | P. O. BOX 2 | 2587 | | |
| | ŀ | HOBBS NM | , 88241 | | |
| | F | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | CO NM | | | |

Sample ID: DV-002.0-12.0-P (H242226-74)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.8 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DUN | IKELBERG | | |
| | P. O. BO) | < 2587 | | |
| | HOBBS N | M, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-003.0-00.0-P (H242226-75)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 6560 | 16.0 | 04/30/2024 | ND | 416 | 104 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.2 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | ITY OILFIELD SERV | ICES & RENTALS, LLC | |
|-------------------|----------------------|-------------------|---------------------|----------------|
| | DAN | DUNKELBERG | | |
| | P. O. | . BOX 2587 | | |
| | НОВ | BS NM, 88241 | | |
| | Fax ⁻ | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-003.0-03.0-P (H242226-76)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.2 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY O | ILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|------------------|-----------|----------------|---------------------|----------------|
| | | DAN DUNK | ELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDD | Y CO NM | | | |

Sample ID: DV-004.0-00.0-P (H242226-77)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.150 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | 0.498 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | 0.748 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | 1.35 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | 2.74 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 44400 | 16.0 | 04/29/2024 | 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* | 65.6 | 10.0 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | 277 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | 46.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | Y OILFIELD SERVI | CES & RENTALS, LLC | |
|-------------------|------------------------|------------------|---------------------|----------------|
| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| • | | | 1 3 /1 | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | М | | |

Sample ID: DV-004.0-14.0-P (H242226-78)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.0 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DUN | IKELBERG | | |
| | P. O. BO) | < 2587 | | |
| | HOBBS N | M, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/23/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-005.0-00.0-P (H242226-79)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | <i>99</i> .7 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | ′kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 15600 | 16.0 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



LONGFELLOW - EDDY CO NM

| | | TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | | | |
|-----------------|-----------------|--|---------|---------------------|----------------|--|--|--|--|--|--|
| | | DAN DUNI | KELBERG | | | | | | | | |
| | | P. O. BOX | 2587 | | | | | | | | |
| | HOBBS NM, 88241 | | | | | | | | | | |
| | | Fax To: | NONE | | | | | | | | |
| | | | | | | | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/23/2024 | | | | | | |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil | | | | | | |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact | | | | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker | | | | | | |

Sample ID: DV-005.0-06.0-P (H242226-80)

Project Location:

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY C | DILFIELD SERV | ICES & RENTALS, LLC | |
|-------------------|-----------------|-----------|---------------|---------------------|----------------|
| | | DAN DUN | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NN | ٩, 88241 | | |
| | | Fax To: | NONE | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - ED | DY CO NM | | | |

Sample ID: DH-021.0-01.0-P (H242226-81)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 % | 6 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.5 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.1 9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | Т | RINITY OI | LFIELD SERVICE | ES & RENTALS, LLC | |
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| | D | Dan Dunke | ELBERG | | |
| | Р | . O. BOX 2 | 2587 | | |
| | Н | HOBBS NM, | , 88241 | | |
| | F | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | CO NM | | | |

Sample ID: DH-022.0-01.0-P (H242226-82)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 % | 6 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.7 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.69 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | ITY OILFIELD SERVICE | ES & RENTALS, LLC | |
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| | DAN I | DUNKELBERG | | |
| | P. O. | BOX 2587 | | |
| | HOBB | 3S NM, 88241 | | |
| | Fax T | o: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | NM | | |

Sample ID: DH-023.0-01.0-P (H242226-83)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.8 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TR | RINITY OIL | FIELD SERVICE | S & RENTALS, LLC | |
|-------------------|---------------------|------------|---------------|---------------------|----------------|
| | DA | an Dunkel | BERG | | |
| | Ρ. | O. BOX 25 | 87 | | |
| | HC | OBBS NM, 8 | 88241 | | |
| | Fax | ах То: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY C | CO NM | | | |

Sample ID: DH-024.0-01.0-P (H242226-84)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.0 | % 49.1-14 | 0 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINIT | Y OILFIELD SERVIO | CES & RENTALS, LLC | |
|-------------------|------------------------|-------------------|---------------------|----------------|
| | DAN D | UNKELBERG | | |
| | P. O. B | OX 2587 | | |
| | HOBBS | NM, 88241 | | |
| | Fax To | : NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| | , , | | 1 5 /1 | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | 1 | | |

Sample ID: DH-025.0-01.0-S (H242226-85)

| BTEX 8021B | mg/kg | | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.7 | 2.00 | 1.20 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.69 | 84.3 | 2.00 | 0.662 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.71 | 85.5 | 2.00 | 0.687 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 4.97 | 82.9 | 6.00 | 0.879 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 230 | 115 | 200 | 2.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 235 | 117 | 200 | 7.24 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.8 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVICES & RENTALS, LLC | |
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| | DAN DUN | IKELBERG | |
| | P. O. BO) | < 2587 | |
| | HOBBS N | M, 88241 | |
| | Fax To: | NONE | |
| | | | |
| Received: | 04/25/2024 | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | |

Sample ID: DH-026.0-01.0-S (H242226-86)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | QM-07 |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | QM-07 |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | QM-07 |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 9 | 6 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.1 | % 49.1-14 | | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | NITY OILFIELD SERVICE | S & RENTALS, LLC | |
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| | DAN | I DUNKELBERG | | |
| | P. O |). BOX 2587 | | |
| | HOB | 3BS NM, 88241 | | |
| | Fax | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DH-027.0-01.0-S (H242226-87)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 125 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 105 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINI | TY OILFIELD SERVI | CES & RENTALS, LLC | |
|-------------------|------------------------|-------------------|---------------------|----------------|
| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | : NONE | | |
| Received: | 04/25/2024 | | Sampling Data | 04/24/2024 |
| Received. | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co N | М | | |

Sample ID: DH-028.0-01.0-S (H242226-88)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 116 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.8 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINIT | Y OILFIELD SERVIO | CES & RENTALS, LLC | |
|-------------------|------------------------|-------------------|---------------------|----------------|
| | DAN D | UNKELBERG | | |
| | P. O. B | OX 2587 | | |
| | HOBBS | NM, 88241 | | |
| | Fax To | : NONE | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| | , , | | 1 5 /1 | |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co N | 1 | | |

Sample ID: DH-029.0-01.0-S (H242226-89)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 9 | 6 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 9 | 6 49.1-14 | 8 | | | | | | |

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DU | NKELBERG | | |
| | P. O. BO | X 2587 | | |
| | HOBBS N | IM, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DH-030.0-01.0-P (H242226-90)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 9 | 6 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.4 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.7 | % 49.1-14 | | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
|-------|---|
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
| 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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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Sampler - U Company Project N Address: City: Project N Project L Sampler 1 Sampler L Sampler M FOR UNB U Project L Sampler N Relinquisi Delivered E

| Manager: Dan Dunkelberg s: 8426 N Dal Paso Hobbs # Name: Elvis Booster Location: Eddy Co., NM r Name: JHC UNE ONLY | | P.O. #: Company: Attn: Atdress: Address: City: City: Fax #: Fax #: Fax #: | BILL TO Longfellow Energy LP Steven Buckler Staven Buckler SAMPLING | | CHAIN-OF-CUST | DF-CUS | TODY AND ANALYSIS REQUEST |
|--|--|---|---|------------------------|----------------|---------|----------------------------------|
| | | Fa | SAMPLING | | | | |
| 12224 I.D. Sample I.D. | GRAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL | SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE | TIME | Chloride TPH | ЗТЕХ | | |
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| DH-006.0-01.0-P | → -→ | 4/23/2024 | | | × | | |
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| DH-008.0-01.0-P | | 4/23/2024 | | + | < × | + | |
| 7 DH-009.0-01.0-P | | 4/23/2024 | | × > × > | × | + | |
| - | G 1 X | 4/23/2024 | | × | × | + | |
| | G 1 X | 4/23/2024 | | + | , × > | _ | |
| DH-012.0-01.0-P G 1 X 4 4/23/2024 Libbility and Damages. Candhraf's lability and dent's exclusive remedy for any date material whether based in contract or bra shall be labeled to former | G 1 X | In contract or first shall be limited to the | 24 | H | × ; | | |
| tains including those for negligence and any other cause whatsoever shall be deemed waived unless made in uniting and neeked by Cardinal within 30 days after competition of the applicable event shall Cardinal be liable for incidental or consequential damagas, including without initiation, tustiness intemptions, loss of used and the days after competition of the applicable cossion arising out of or related to the performance of services hereunder by Cardinal, repardless of whether such claim is based unon any of the formance of services hereunder by Cardinal, repardless of whether such claim is based unon any of the service and the subsidiaries, cossion arising out of or related to the performance of services hereunder by Cardinal, repardless of whether such claim is based unon any of the service and the subsidiaries, the service of the service and the service services hereunder by Cardinal, repardless of whether such claim is based unon any of the service and the service and the service of | whatsoever shall be deemed waived unless made in al damages, including without limitation, business into infores hereunder by Cardinal, repardless of whether in | in contract of tort, shall be limited to the writing and received by Cardinal within ; tupfions, loss of use, or loss of profits i tupfication is besent innon any of the size | amount paid by the client for the 90 days after completion of the ap nourred by client, its subsidiaries, | plicable | | | - |
| shed By: | Date: L+ 1524 Received By: | and the second plant still of the second | Verbal Result: | Yes | No | | Add'l Phone #: |
| | TIME: 1508 apar | Car | Au results are emailed. Please provide Email address: | alled. Please p | rovide Email a | ddress: | |
| ined By: | Date: Received By: | | REMARKS: | | | | |
| | Time: | | | | | | |
| By: (Circle One) Obse | Observed Temp. °C Sample Condition | (Initiale) | Turnaround Time: | | Standard | × | Bacteria (only) Sample Condition |
| JPS - Bus - Other: | 1 Creation | es D | Thermometer ID #140 | | NUST | | Cool Intact Observed Temp. °C |
| | † Cardinal canno | Cardinal cannot accept verbal changes. Please email changes to celev keepe@c | Please email changes | e to colou koe | and and an | | No No Corrected Temp. °C |

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| nm.com | allabsnr | e@cardin | eley.keen | nges to c | + Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com | anges. Pleas | ot verbal ch | nnot accep | dinal ca | † Can | | | |
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| Tes | | | | r0°C | Correction Factor 0 °C | 0 | K | No | No | | | | |
| Intac | | Kush | _ | #140 | Thermometer ID #140 | | 2 | res | Hes | | Corrected Temp. °C | | Sampler - UPS - Bus - Other: |
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| | | | | the applicable | after completion of t | dinal within 30 days | d received by Car loss of use, or los | ade in writing and ss interruptions, | ed unless m lion, busine | thout limits | ause whatsoever shall be de juental damages, including w | ervice. In no event shall Cardinal be lable for incidential or consequential damages, including without imitation, basives when policy to desceive due to the solution of the applicable | service. In no event shall C |
| | | - | | orthe | ted to the amount paid by the client for the | imited to the amount | for lort, shall be | based in contrac | ing whether | daim arts | int's exclusive remedy for any | y and Damages. Cardinal's liability and client's exclusive remedy for any claim artsing whether based in contract or tort, shall be limit infine those for and name and new other and the second second second second second second second second second s | analyses. All daims including |
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| | | TEX | PH | Chloric | TIME | DATE | ACID/B | Soil Oil Sludg Other | WASTE | | I.D. | Sample I.D. | Lab I.D. |
| | | | | le | | | ASE: OOL | | NDWATER EWATER | 3 OR (C)OMP TAINERS | | | Handaa |
| | | | | | SAMPLING | | PRESERV. | MATRIX | | _ | | | FOR LAB USE ONLY |
| | | | | | | | Fax #: | 77 | 1 | | | JHC | Sampler Name: |
| | | | | | | | Phone #: | P | | | | Project Location: Eddy Co., NM | Project Location |
| | | | | | | Zip: | State: | | services | oilfields | dan@trinityoilfieldservices.com | Elvis Booster | Project Name: |
| | | | | | | | City: | | (see below) | | Project Owner: | | Project #: |
| | | | | | | | Address: | A | | | Fax #: | | Phone #: |
| | | | | | er | Steven Buckler | Attn: | | 88241 | Zip: | State: NM | Hobbs | City: |
| | | | | | nergy LP | Longfellow Energy LP | Company: | | | | | 0420 IN Dal Paso | Citu: |
| | | | | L | | | P.O. #: | P | | | | Address: 0400 N Dol | Address: |
| ANALYSIS REQUEST | | | | | | BILL IO | | | | | 00 | | Droinet Manage |
| | | | | | | | | | - | | Do | Trinity Oilfield Services | Company Name: |
| CHAIN-OF-CUSTODY AND ANALYSIS REQUEST | OF-C | HAIN- | C | | | | | M 88240 3-2476 | bbs, N 575) 39 | nd, Ho FAX (! | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 | Laboratories | |
| | | | | | | | | | | | | | |

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| | | vanipler - ors - bus - Other: | | Delivered By: (Circle One) | | | Relinquished By: | 8 | monity by | amiants of successors arising out of or related to the performance of | amayses. All claim's rotocing those for negligence and any other cause whatsoever shall be deemed varied unless made in writing and received by Cardinal writing 30 days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including writing that incidental or consequential damages, including writing that incident to the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including writing that incident to the applicable service. | PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dalam arising whether | | | | ST DV | The DV | 1 | 2 DV | 12 DV | 72 00 | 10 NO | H ZULILI | FOR LAB USE ONLY | valipici Nalile: JHC | 15 | Project Name: Eh | | Print #: | | -ceo | anager: | Protoct Normany Name: 11 | Labo |
|---|------------------------|-------------------------------|----------------------------------|----------------------------|-------|--------------|------------------|--|---------------------|---|--|--|-----------------|-----------------|-----------------|-----------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|------------------|----------------------|-------------|---------------------------------|----------------|----------|----------------|-------------------------|---------------|--------------------------|--|
| | | | | | | | | 9 | ĺ. | of or related to the performance of |) for negligence and any other cau se liable for incidental or conseque | ages. Cardinal's liability and client | DV-029.0-00 0-P | DV-028.0-07.0-P | DV-028.0-00.0-P | DV-027.0-05 0-P | 7(a DV-027.0-00.0-P | DV-026.0-03.0-S | DV-026.0-00.0-S | DV-025 0-04 0-S | DV-025.0-00.0-S | DV-024.0-01.0-S | Sample I.D. | | | Day Co., NM | Elvis Booster | | | RODDS | 0420 N Dal Paso | an Dunkelberg | Innity Oilfield Services | aboratories |
| T | | Corrected Temp. °C | -3°C | served Temp. °C | Time: | Date: | 80 | Time: | Date: Re U-15:24 | nce of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated reasons or ofterwise. | se whatsoever shall be deeme intal damages, including witho | 's exclusive remedy for any dat | | 5 G | 5 G | | 0 0 | | 0 0 | | 9 9 | G | | | | | dan@trinityoilfieldservices.com | Project Owner: | Fax #: | State: NM | | | S | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 |
| Vardin | | | - | Sa | | Received By: | 4 | 2 | Received By: | al, regardle | ed waived ut limitation | Im arising | _ | _ | _ | _ | _ | _ | | - | - | | (G)RAB OR (C)OMP. # CONTAINERS | | | | fieldse | | | Zip: | 1 | | | d, Hob AX (57 |
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| pt verbal | N | 5 | 0 | SHE | | | | | | m is based upo | nd received by | I or fort shall | | | | ŧ | | | + | + | + | | OTHER : ACID/BASE: ICE / COOL | PRESERV. | Fax #: | Phone #: | State: | City: | Address: | Attn: | Company: | P.O. #: | | |
| changes. Plea | t | 3 | (Initials) | CHECKED BY | | | | | | n any of the above sta | Cardinal within 30 day | 4/24/2024 | 4/24/2024 | 4/24/2024 | 4/24/2024 | 4/24/2024 | 4/24/2024 | 4/24/2024 | 4/24/2024 | 4/24/2024 | 4/24/20/24 | - | DAT | | | | Zip: | | | Steven Buckler | I: Longfellow Energy LP | | BILL TO | |
| ise email chang | Correction Factor 0 °C | Thermometer ID #140 | | Turnaround Tim | | REMARKS: | | All Results are emailed. Please provide Email address: | Verbal Result: | ed reasons or otherwise | in writing and received by Cardinal white a mount page of the cardinate the application of the applications have on the or home of motions. | | | | | | | | | | | | TIME | SAMPLING | | | | | | kler | Energy LP | | 0 | |
| ges to cel | °°C | 40 | | | | | | mailed. Pl | | 2. 85, | applicable | × | × | × | × | × | × | × | × | × | × | 0 | Chloride | | | | | | | | | | | |
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| | No | Yes | Bacteria (only) Sample Condition | | | | | | | | | _ | _ | _ | _ | | | | _ | _ | | | | | | | | | | | | | ANALYSIS REQUEST | ANAL |
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Page 95 of 101

| Yes Yes No | elev.keene@ | Thermometer ID #140 Correction Factor 0 °C ase email changes to c | Thermometer ID #140 Thermometer ID #140 Correction Factor 0 *C Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinal | ept verbal cha | No No No No | † Cardi | Corrected Temp. °C | | oampier - Uro - Bus - Omer |
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| Standard X Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C | Sta Ru | nd Time: | D BY: Turnaround Time: Is) | (Initials) | Cool Intact | | 7.SI- | | |
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| | | otherwise. | of the above stated reasons or | aim is based upon any | ss of whether such cla | ardinal, regardle | te of services hereunder by Ci | inflates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | affiliates or successors arisir |
| - | | client for the tion of the applicable | shall be limited to the amount paid by the client for the ed by Cardinal within 30 days after completion of the ag | minimized or lon, shall be jim writing and received by Cardii minimums loss of use or loss | intess made in writing | eemed waived u | r cause whatsoever shall be de equental damages, including v | analyses. All claims including those for negligence and any other cause whateverse is the deemed waived unless made in writing and eached by and the standard of the anounce of the anounc | analyses. All claims includin service. In no event shall Ca |
| x | × | × | 4/24/2024 | 4 | X | G 1 | fient's exclusive remedy for an | iny and Damages. Cardinal's liability and client's exclusive remark for any date arising who | PLEASE NOTE: Lidolity an |
| x | × | × | 4/24/2024 | 4 | × | G 1 | | DV 034.0 00 0 D | 22 |
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| | | | | Fax #: | | | | JHC | Sampler Name: |
| | | | | * | | | | : Eddy Co., NM | Project Location: Eddy Co., NM |
| | | | Zip: | | | oilfieldser | dan@trinityoilfieldservices.com | Elvis Booster | Project Name: |
| | | | | City: | (see below) | | Project Owner: | | Project #: |
| | | | | SSS: | | | Fax #: | | Phone #: |
| | | | Steven Buckler | | 88241 | Zip: 8 | State: NM | Hobbs | City: |
| | | | Longfellow Energy LP | Company: | | | | 8426 N Dal Paso | Address: |
| | | | | P.O. #: | | | | Project Manager: Dan Dunkelberg | Project Manager |
| ANALYSIS DECLIEST | | _ | BILL TO | | | | ces | Company Name: Trinity Oilfield Services | Company Name |
| CHAIN-OF-CUSTODY AND ANALYSIS REQUEST | CH | | | 0 | 5) 393-2476 | FAX (57) | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 | aboratories | Lat |
| | | | | | | | | | |

Received by OCD: 7/11/2024 3:22:44 PM

| BILL T BILL T Company: Longlellow Address: Company: Longlellow Attn: State: ZIP: Fax #: Phone #: Fax #: Company: Longlellow Oil SUDGE City: State: ZIP: Fax #: Phone #: Coll City: State: ZIP: ACID/BASE:: Oil City: OTHER: SA City: SA ACID/BASE: COTHER: SA City: SA ACID/BASE: City: COL AI(23/2024) 4/23/2024 Bee/h context or lock, shild to langed trans, or lock and within 30 dig 4/23/2024 4/23/2024 4/23/2024 4/23/2024 Bee/h context or lock and within 30 dig Bee/h context or lock a | No Corrected Temp. °C | No | llabsnm.co | e@cardina | eley.keen | nges to c | Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com | anges. Pleas | verbal ch | ot accept | nal cann | † Card | | | | | |
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| NOME 101 East Marland, Hobbs, NM 882/0 Strong 1575 393-2326 FAX (575) 393-2476 BLL TO Dunkelberg Pola BLL TO None Pola Ell TO None Pola Company: High Register BLL TO Sample LD. Praze BLL TO End Company: Lengtiske Lengtiske Englishe Boolar Praze Praze Register Register Praze < | Yes | Yes | [| | | #140 | Thermometer ID | 0 | A | Yes | No | | orrected Temp. °C | | - share | ampio - Or | |
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| † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com | Cool Intact | Sample Condition | | Received By: | apar | | Received By: | d waived unless made in writing ut limitation, business interruption al, regardless of whether such cla al. | 1 X In contract of the second in contract of | 1 × | 1 × | 1 X | 1 X | 1 X | 1 X | 1 X | 1 X | 1 X | # CON GROUI WASTE SOIL OIL SLUDG | TAINERS NDWATER WATER | MATRIX | | | dan@trinityoilfieldservices.com | (see below) | | Zip: 88241 | | | | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 |
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| | | × : | + | × | 4/23/2024 | 4 | | × | G 1 | | DV-009.0-00.0-P | | Т |
| | | × | + | × | 4/23/2024 | - | _ | × | G 1 | | DV-000.0-03.0-P | | Т |
| | | × | - | × | 4/23/2024 | | | × | G 1 | | DV 000 0 05 0 0 | | Т |
| | | × | - | × | 4/23/2024 | | | × | G 1 | | | A A | Т |
| | | × | - | × | 4/23/2024 | | | × | | | DV-007.0-00.0-P | | Т |
| | | × | - | × | 4/23/2024 | | | × | G 1 | | DV 007 0 00 0 0 | and a | Т |
| | | × | × | | 4/23/2024 | | | × | + | | | R | T |
| | - | вт | \vdash | TIME | UNIE | | s | | _ | | DV-006.0-00.0-P | 191 | |
| | | ΓEX | hloride | | DATE | CID/BASE: CE / COOL DTHER : | DIL BLUDGE DTHER : | GROUNDWAT WASTEWATE | (G)RAB OR (C # CONTAINER | le I.D. | Sample I.D. | HZUTZZY Lab I.D. | |
| | | | | | | | | TER | | | | | |
| | | | | LING | SAMPLING | PRESERV. | MATRIX | M | - | | | FOR LAB USE ONLY | |
| | | | | | | Fax #: | | 1 | | | JHC | sampler Name: | 10 |
| | | | | | | # | 71 | | | | 15 | ruject Location | |
| | | | | | Zip: | | | services | tyoilfield | dan@trinityoilfieldservices.com | Elvis Booster | Project Name: | 1- |
| | , | | _ | | | City: | | (see below) | | Project Owner: | | 10jeut #. | 1. |
| | | | | | | Address: | | | | Fax #: | | Project # | |
| | | | | | Steven Buckler | Attn: | | 88241 | / Zip: | State: NM | LIDDA | Phone # | |
| | | | | ergy LP | Longfellow Energy LP | Company: | | | | | Hobbe | City: | |
| | _ | _ | _ | | | P.O. #: | | | | | 8426 N Dal Daso | Address: | - |
| ANALYSIS REQUEST | | | | | BILL TO | | | | | 1000 | Project Manager: Dan Dunkelberg | Project Manage | - |
| | | | | | | | | | | lices | e: Trinity Oilfield Services | Company Name: | |
| F-CUSTODY AND ANALYSIS REQUEST | N-OF-CL | CHAIN-O | | | | | M 88240 3-2476 | obbs, N 575) 393 | rland, H 26 FAX (| 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 | aboratories | La | |
| | | | | | | | | | | | CARDINAI | | |

| X Bacteria (only) Sample Condition Cool Intact Ves Ves No No Corrected Temp. °C | Standard Rush ne@cardinal | eley.keene | nd Time: er ID #140 Factor 0 °C changes to c | Sample Condition CHECKED BY: Turnaround Time: Standard X Cool Intact (Initials) Rush X Unteg Wes MO No Rush Image: No No NO Correction Factor 0 °C Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com | CHECKED BY (Initials) ACO Dt verbal changes | Sample Condition Cool Intact UM65 UM65 No No | Sample Cool | 13.1 13.1 | Observed Temp. °C | le One) s - Other: | Delivered By: (Circle One) Sampler - UPS - Bus - Other: |
|---|---------------------------------|-------------|--|--|---|--|---|--|--|--|---|
| | | | ŵ | REMARKS: | | | Received By: | | Date: Time: | | Relinquished By: |
| | vide Email ac | Please prov | All Results are emailed. Please provide Email address: | All Result | 0 | XIIA | 200 | 8 | Time: | the second | no la |
| No Add'I Phone #: | No | Yes | sult: | Verbal Result: | | | Received By: | Date: Rec | Date: | | Neilinquisned By: |
| | | | subsidiaries, otherwise. | within 30 days after completered by client, its in above stated reasons or the above s | d received by Cardinat loss of use, or loss of p is based upon any of t | made in writing and ness Interruptions, I thether such claim | waived unless Imitation, busi regardless of v | r shall be deemed s, Including without under by Cardinal, | service. In no event shall chardinal be liable for incidential consequential damages, including without initiation, business thermuplices, loss of use, or loss of profits incurred by dense the sopicable affiliates or successors ansing out of or related to the performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stater reasons or otherwise. | Cardinal be liable fo sing out of or relate | service. In no event shall of affiliates or successors aria |
| | × | × | client for line | 4/23/2024 | t or tort, shall be limited | X A Section Contract | n artsing wheth | emedy for any claim | billy and Damagas. Cardinal's lacitity and dent's exclusive ramedy for any datin artising whether based in contract or for, shall be limited to the amount cauld by the cleared between inclusions of a cardinal between the cleared between the clear | and Damages. Card | PLEASE NOTE: Liability; analyses. All daims includ |
| | × | × | × | 4/23/2024 | 4/2 | × | | G | | DV-005.0-06.0 B | 93 |
| | × | × | × | 4/23/2024 | 4/2 | × | - | G | -14.0-P | DV-004.0-14.0-P | |
| | × > | × ; | × | 4/23/2024 | 4/2 | × | - | G | -00.0-P | DV-004.0-00.0-P | 1 |
| | < > | × > | × > | 4/23/2024 | 4/2 | × | -1 | G |)-03.0-P | DV-003.0-03.0-P | ht |
| | < > | < > | × ; | 4/23/2024 | 4/2 | × | 1 | G | 0-00.0-P | DV-003.0-00.0-P | 5 |
| | < > | × ; | × : | 4/23/2024 | 4/2 | × | 1 | G | 0-12.0-P | DV-002.0-12.0-P | 12 |
| | × ; | × | × | 4/23/2024 | 4/2 | × | 1 | G | 0-00.0-P | F | 15 |
| | × > | × > | × ; | 4/23/2024 | 4/2 | × | 1 | G | 0-10.0-P | 1 | |
| | < E | × 1 | + | 4/23/2024 | 4/2 | × | - | G | 0-00.0-P | UV-001.0-00.0-P | |
| | BTEX | ТРН | m Chlori | DATE TIME | ACID/ ICE / C OTHE | SOIL OIL SLUD OTHE | # CO GROU | (G)RA | Sample I.D. | | Lab I.D. |
| | 1 | | de | | BASE: COOL | GE | NTAINERS JNDWATER EWATER | AB OR (C)OMP. | | | HERENEH |
| | | | | SAMPLING | PRESERV. | MATRIX | Τ | | | | TON LOD USE UNLY |
| | | | | | Fax #: | T | | | | JHC | |
| | | | | | Phone #: | 9 | | | 0., NM | on: Eddy Co | Sample Location: Eddy Co., NM |
| | | | | Zip: | | | eldservic | dan@trinityoilfieldservices.com | | Elvis Booster | Project Name: |
| | | | | | City: | | (see below) | Project Owner: | Pro | | Project #: |
| | | | | | Address: | | | # | Fax #: | | Phone #: |
| | | | | Steven Buckler | | | Zip: 88241 | NM | State: | Hobbs | Dhono # |
| | | | | Longfellow Energy LP | Company: | | | | 0420 N Dal Paso | U OZHO | Citori Coos. |
| | | - | | | P.O. #: | | | | Dan Dunkelberg | | Address: |
| ANALYSIS DECLIEST | | | _ | BILL TO | E | | | | Irinity Oilfield Services | | Company Name: |
| -OF-CUSTODY AND ANALYSIS REQUEST | CHAIN-O | | | | | NM 88240 \$93-2476 | Hobbs, X (575) : | 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 | | | |

Released to Imaging: 7/23/2024 8:54:13 AM_

Delivered By: (Circle One) Relinquished By: Relinquished By: hadrel mpler - UPS - Bus - Other: LEASE NOTE: Liability and Dam liates or successors arising out of or Sampler Name: Project Location: Eddy Co., NM Project Name: Phone #: Project #: Project Manager: Dan Dunkelberg ice. In no event shall Cardinal be liable for incidental or cons City: Address: Company Name: Trinity Oilfield Services OR LAB USE ONLY Lab I.D. All daims including those for negligence and any other cause 8 S DH-030.0-01.0-P DH-029.0-01.0-S DH-028.0-01.0-S DH-027.0-01.0-S DH-026.0-01.0-S DH-023.0-01.0-P DH-025.0-01.0-S DH-024.0-01.0-P DH-022.0-01.0-P DH-021.0-01.0-P HC Elvis Booster Hobbs 8426 N Dal Paso related to the performance of services hereunder by Cardinal's liability and Sample I.D. Observed Temp. °C Corrected Temp. °C Date: U 152 al damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by dient, its subsidiaries (575) 393-2326 FAX (575) 393-2476 Time: 1508 whatsoever shall be deemed waived Time: Date: Fax #: State: dan@trinityoilfieldservices.com Project Owner: (see below) remedy for any NM Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Received¹By: Received By: G G + Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com G G G G GG G G (G)RAB OR (C)OMP. Zip: ---------# CONTAINERS Sample Condition Cool Intact GROUNDWATER unless 88241 WASTEWATER No Ung made in writing and received by Cardinal within 30 days after completion of the appl × MATRIX × × × × × × × × × SOIL No OIL SLUDGE OTHER Fax #: State: City: Attn: Phone #: Address: Company: P.O. #: ACID/BASE: PRESERV CHECKED BY: ICE / COOL AP (Initials) OTHER be limited to the amount paid by the client for the 4/24/2024 4/24/2024 4/24/2024 4/24/2024 4/24/2024 4/24/2024 4/24/2024 4/24/2024 4/24/2024 4/24/2024 Zip: BILL TO Steven Buckler Longfellow Energy LP DATE SAMPLING Correction Factor 0 °C Thermometer ID #140 All Results are emailed. Please provide Email address: **Turnaround Time:** REMARKS: Verbal Result: TIME × × × × × × × × × × Chloride × × × × × × × × × TPH × Yes Rush CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Standard × × × × × × × × × × BTEX No × Add'l Phone #: ANALYSIS REQUEST Cool Bacteria (only) Sample Condition Yes No Intact Yes No Corrected Temp. °C Observed Temp. °C

Received by OCD: 7/11/2024 3:22:44 PM

Page 101 of 101

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240



May 01, 2024

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: ELVIS BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 04/25/24 15:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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



Analytical Results For:

| | TRINITY | OILFIELD SER | VICES & RENTALS, LLC | |
|------------|----------|--------------|----------------------|--------|
| | DAN DUN | NKELBERG | | |
| | P. O. BO | X 2587 | | |
| | HOBBS N | NM, 88241 | | |
| | Fax To: | NONE | | |
| 04/25/2024 | | | Sampling Date: | 04/24/ |
| 05/01/2024 | | | Compling Turner | Cail |

| Received: | 04/25/2024 | Sampling Date: | 04/24/2024 |
|-------------------|-------------------------|---------------------|----------------|
| Reported: | 05/01/2024 | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | |

Sample ID: DV-034.0-03.0-P (H242227-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.3 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | CES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DU | NKELBERG | | |
| | P. O. BC |)X 2587 | | |
| | HOBBS | NM, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DV-035.0-00.0-P (H242227-02)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 117 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16000 | 16.0 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Tamara Oldaker

Analytical Results For:

| | TRINITY OILFIELD SERVICES & RENTALS, LLC | | | | | | | | | |
|---------------|--|------|---------------------|--|---------------|--|--|--|--|--|
| | DAN DUNKELBERG P. O. BOX 2587 | | | | | | | | | |
| | | | | | | | | | | |
| | HOBBS NM, 88241 | | | | | | | | | |
| | Fax To: | NONE | | | | | | | | |
| 04/25/2024 | | | Sampling Date: | | 04/24/2024 | | | | | |
| 05/01/2024 | | | Sampling Type: | | Soil | | | | | |
| ELVIS BOOSTER | | | Sampling Condition: | | Cool & Intact | | | | | |

Sample Received By:

Sample ID: DV-035.0-03.0-P (H242227-03)

NONE GIVEN

LONGFELLOW - EDDY CO NM

Received:

Reported: Project Name:

Project Number:

Project Location:

| BTEX 8021B | mg/kg | | Analyzed By: JH | | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 04/29/2024 | 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* | <10.0 | 10.0 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 49.1-14 | 8 | | | | | | |

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY C | DILFIELD SERVIC | CES & RENTALS, LLC | |
|-------------------|------------------|-----------|-----------------|---------------------|----------------|
| | | DAN DUNK | KELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDD | DY CO NM | | | |

Sample ID: DH-014.0-01.0-P (H242227-04)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 9 | 6 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.6 | % 49.1-14 | 0 | | | | | | |

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TI | RINITY OI | LFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|---------------------|------------|----------------|---------------------|----------------|
| | D | an dunke | ELBERG | | |
| | P. | . O. BOX 2 | 587 | | |
| | Н | IOBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY (| CO NM | | | |

Sample ID: DH-015.0-01.0-P (H242227-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 9 | % 71.5-13 | 4 | | | | | | |
| 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 | 04/29/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.1 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



| | Т | RINITY OI | LFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|-------------------|------------|----------------|---------------------|----------------|
| | D | Dan Dunke | ELBERG | | |
| | Р | . O. BOX 2 | 2587 | | |
| | Н | HOBBS NM, | , 88241 | | |
| | F | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | CO NM | | | |

Sample ID: DH-016.0-01.0-P (H242227-06)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 112 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.0 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.0 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | | TRINITY C | ILFIELD SERVIC | ES & RENTALS, LLC | |
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| | | DAN DUNK | ELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | 1, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - EDD | DY CO NM | | | |

Sample ID: DH-017.0-01.0-P (H242227-07)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 115 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | 6 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 9 | 6 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRINITY | OILFIELD SERVIC | ES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------|---------------------|----------------|
| | DAN DU | NKELBERG | | |
| | P. O. BO | X 2587 | | |
| | HOBBS N | IM, 88241 | | |
| | Fax To: | NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DH-018.0-01.0-P (H242227-08)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 120 9 | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.1 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.3 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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| | DAN D | UNKELBERG | | |
| | P. O. E | 30X 2587 | | |
| | HOBBS | 5 NM, 88241 | | |
| | Fax To | : NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO N | Μ | | |

Sample ID: DH-019.0-01.0-P (H242227-09)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 121 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.6 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TI | RINITY OI | LFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|---------------------|------------|----------------|---------------------|----------------|
| | D | an dunke | ELBERG | | |
| | P. | . O. BOX 2 | 587 | | |
| | Н | IOBBS NM, | 88241 | | |
| | Fa | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY (| CO NM | | | |

Sample ID: DH-020.0-01.0-P (H242227-10)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 123 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.8 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| TRIN | ITY OILFIELD SERVICE | S & RENTALS, LLC | |
|------------------------|--|--|--|
| DAN | DUNKELBERG | | |
| P. O. | BOX 2587 | | |
| HOBE | BS NM, 88241 | | |
| Fax T | To: NONE | | |
| 04/25/2024 | | Sampling Date: | 04/24/2024 |
| 05/01/2024 | | Sampling Type: | Soil |
| ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| LONGFELLOW - EDDY CO I | NM | | |
| | DAN P. O. HOBI Fax 7 04/25/2024 05/01/2024 ELVIS BOOSTER NONE GIVEN | DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE 04/25/2024 05/01/2024 ELVIS BOOSTER | P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE 04/25/2024 Sampling Date: 05/01/2024 Sampling Type: ELVIS BOOSTER Sampling Condition: NONE GIVEN Sample Received By: |

Sample ID: DH-031.0-01.0-P (H242227-11)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.8 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | DAN DUN P. O. BO> | IKELBERG | ES & RENTALS, LLC | |
|-------------------|-------------------------|----------|---------------------|----------------|
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | | | |

Sample ID: DH-032.0-01.0-P (H242227-12)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 122 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.1 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | NITY OILFIELD SERVICE | S & RENTALS, LLC | |
|-------------------|----------------------|-----------------------|---------------------|----------------|
| | DAN | I DUNKELBERG | | |
| | P. O |). BOX 2587 | | |
| | HOB | 3BS NM, 88241 | | |
| | Fax | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DH-033.0-01.0-P (H242227-13)

| BTEX 8021B | mg/kg | | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 % | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.8 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | DAN DL P. O. BO | INKELBERG DX 2587 NM, 88241 | ES & RENTALS, LLC | |
|-------------------|-------------------------|-----------------------------------|---------------------|----------------|
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO NM | l | | |

Sample ID: DV-001.0-04.0-P (H242227-14)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 118 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 12200 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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|-------------------|------------------|-----------|----------------|---------------------|----------------|
| | | DAN DUNK | ELBERG | | |
| | | P. O. BOX | 2587 | | |
| | | HOBBS NM | l, 88241 | | |
| | | Fax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDD | Y CO NM | | | |

Sample ID: DV-002.0-04.0-P (H242227-15)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.13 | 106 | 2.00 | 0.379 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.04 | 102 | 2.00 | 0.903 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.19 | 109 | 2.00 | 2.00 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.68 | 111 | 6.00 | 3.91 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 124 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: HM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 11400 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 241 | 121 | 200 | 4.87 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 253 | 127 | 200 | 6.84 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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|-------------------|----------------------|-----------------|-------------|---------------------|----------------|
| | DAI | N DUNKELBI | ERG | | |
| | Р. (| O. BOX 2587 | 7 | | |
| | HO | HOBBS NM, 88241 | | | |
| | Fax | x To: No | ONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY CO | O NM | | | |

Sample ID: DV-004.0-04.0-P (H242227-16)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.23 | 112 | 2.00 | 7.00 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.05 | 102 | 2.00 | 6.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.99 | 99.6 | 2.00 | 4.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.05 | 101 | 6.00 | 4.82 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 13000 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 218 | 109 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 222 | 111 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.6 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| TRIN | ITY OILFIELD SERVICE | S & RENTALS, LLC | |
|------------------------|--|--|--|
| DAN | DUNKELBERG | | |
| P. O. | BOX 2587 | | |
| HOBBS NM, 88241 | | | |
| Fax T | To: NONE | | |
| 04/25/2024 | | Sampling Date: | 04/24/2024 |
| 05/01/2024 | | Sampling Type: | Soil |
| ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| LONGFELLOW - EDDY CO I | NM | | |
| | DAN P. O. HOBI Fax 7 04/25/2024 05/01/2024 ELVIS BOOSTER NONE GIVEN | DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE 04/25/2024 05/01/2024 ELVIS BOOSTER | P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE 04/25/2024 Sampling Date: 05/01/2024 Sampling Type: ELVIS BOOSTER Sampling Condition: NONE GIVEN Sample Received By: |

Sample ID: DV-016.0-04.0-P (H242227-17)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.23 | 112 | 2.00 | 7.00 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.05 | 102 | 2.00 | 6.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.99 | 99.6 | 2.00 | 4.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.05 | 101 | 6.00 | 4.82 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 % | 6 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 9600 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 218 | 109 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 222 | 111 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.1 \$ | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.8 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | Т | RINITY OI | LFIELD SERVICE | ES & RENTALS, LLC | |
|-------------------|-------------------|------------|----------------|---------------------|----------------|
| | D | Dan Dunke | ELBERG | | |
| | Р | . O. BOX 2 | 2587 | | |
| | Н | HOBBS NM, | , 88241 | | |
| | F | ax To: | NONE | | |
| | | | | | |
| Received: | 04/25/2024 | | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | | Sample Received By: | Tamara Oldaker |
| Project Location: | LONGFELLOW - EDDY | CO NM | | | |

Sample ID: DV-020.0-04.0-P (H242227-18)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.23 | 112 | 2.00 | 7.00 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.05 | 102 | 2.00 | 6.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.99 | 99.6 | 2.00 | 4.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.05 | 101 | 6.00 | 4.82 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 12600 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 218 | 109 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 222 | 111 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



| | TRIN | NITY OILFIELD SERVICE | S & RENTALS, LLC | |
|-------------------|----------------------|-----------------------|---------------------|----------------|
| | DAN | I DUNKELBERG | | |
| | P. O |). BOX 2587 | | |
| | HOB | 3BS NM, 88241 | | |
| | Fax | To: NONE | | |
| | | | | |
| Received: | 04/25/2024 | | Sampling Date: | 04/24/2024 |
| Reported: | 05/01/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Tamara Oldaker |
| Project Location: | Longfellow - Eddy Co | NM | | |

Sample ID: DV-032.0-04.0-P (H242227-19)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.23 | 112 | 2.00 | 7.00 | |
| Toluene* | <0.050 | 0.050 | 04/29/2024 | ND | 2.05 | 102 | 2.00 | 6.52 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2024 | ND | 1.99 | 99.6 | 2.00 | 4.99 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2024 | ND | 6.05 | 101 | 6.00 | 4.82 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2024 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: HM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 928 | 16.0 | 04/30/2024 | 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 | 04/29/2024 | ND | 218 | 109 | 200 | 1.54 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/29/2024 | ND | 222 | 111 | 200 | 1.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/29/2024 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.7 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
|-------|---|
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
| 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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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| | ease email changes to | | | | | |
|--|---|---------------------------------------|-----------------------------------|--|--|---|
| No | Correction Factor 0 °C | t verhal chances no | inal cannot accen | † Card | | |
| [| Thermometer ID #140 | A | No No | | | |
| Sample Co | | (Initials) | Cool Intact | 10.0 | | Sampler - UPS - Bus - Other: |
| < | Turnaround Time: | CHECKED BY: | Sample Condition | Observed Temp, °C | | Delivered By: (Circle One) |
| | | | | | | |
| | REMARKS: | | ed By: | Neceived By: | | |
| | | | Daria | | eiv 198 | Relinquished By: |
| All Results are emailed. Please provide Email address: | All Results are emaile | |) | | Time: | 1 |
| | Verbal Result: | | ed By: | Nate: Received By: | LU Late: | N |
| | urred by client, its subsidiaries, stated reasons or otherwise. | is based upon any of the above | diess of whether such claim | eunder by Cardinal, rega | Relinquished By: | Relinquished By: |
| total | days after completion of the applical | I received by Cardinal within 30 | ed unless made in writing an | er shall be deemed waiw s, including without limits | ervice. In no event shall Candinal be lable for indicental or consequential damages, including without imbasines made in whing and received by Cardinal within 30 days after completion of the applicable affiliates or successors and on a successor and on | service. In no event shall Ca affiliates or surpassore arise |
| XX | mount hald by the client for the | t or tort, shall be limited to the am | ing whether based in contrac | emedy for any claim arts | wry and Jamages. Cardina's lability and client's exclusive remedy for any claim arising whether be cluding those for negligence and any other cause whether are the second | analyses. All daims including |
| | | ADAIDODA | × | G 1 | DH-020.0-01.0-P | PLEASE NOTE: LINUIS |
| + | | 4/24/2024 | × | G 1 | DH-019.0-01.0-P | ž |
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| + | 4 × | 4/24/2024 | × | +- | DH-016.0-01.0-P | 6 |
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| X | 14 X | 4/24/2024 | < > | | DH-014.0-01.0-P | c |
| X | X | 4/24/2024 | × ;; | - | DV-035.0-03.0-P | S |
| × | X | 4/24/2024 | × | G 1 | DV-035.0-00.0-P | |
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| | | CE / | GRC WAS SOIL | | Sample I.D. | Lap 1.0. |
| | ide | BASE: | DUNDW/ TEWAT | RAB OR | | Hutan |
| | | | TER | (C)OMP. | | L_1 |
| | SAMPLING | PRESERV. | MATRIX | | • | |
| | | Fax #: | | - | | FOR LAB USE ONLY |
| | | Phone #: | | | JHC | Sampler Name: |
| | | State: Zip: | | South of the second sec | NM | Project Locatio |
| | | City: | | n@trinitvoilfield | Elvis Booster da | Project Name: |
| | | Address: | | t Owner: | P | Project #: |
| | Buckler | Attn: Steven Buckler | COLT I | - 1 | T | Phone #: |
| | Longfellow Energy LP | bany: | 88241 | State: NM Zip: | | City: |
| | | | | | 8426 N Dal Paso | Address: |
| ANALYSIS REQUEST | 2 | | | | Project Manager: Dan Dunkelberg | Project Manag |
| | 75 | RII I TO | | | rvices | Company Nam |
| CHAIN-OF-CUSTODY AND ANALYSIS REQUEST | | | (575) 393-2326 FAX (575) 393-2476 | 393-2326 FAX | (575) | |
| | | | 101 East Marland, Hobbs, NM 88240 | ast Marland, H | Laboratories 101E | La |
| | | | | | DDINA | |

Received by OCD: 7/11/2024 3:22:44 PM

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| ley.keene@cardinallahenm.com | e email changes to ce | T varginal cannot accept verbal changes. Please email changes to celey.keene@cardina | ardinal cannot accep | | | |
|---|------------------------------------|--|-------------------------------------|---|--|---------------------|
| les les | Correction Factor 0 °C | 1AV C | No No | | | |
| | Thermometer ID #140 | II ON | L'Yes Lyes | Corrected Temp. °C | | |
| Rush X Bacteria (only) Sample Condition | | | Cool Intact | 791- | Sampler - UPS - Bus - Other | ampler - UP |
| _ | Turnaround Time- | CHECKED BY: T | Sample Condition | Observed Temp. °C | Delivered By: (Circle One) | Delivered By |
| | | | | Time: | | |
| | REMARKS: | 71 | neceived by: | | | |
| | | | IN JAX ALA | | ed By: | Relinquished By: |
| vide Email address: | All Results are emailed. P | | 5 | Time | At 4 | |
| Yes No Add'I Phone #: | Verbal Result: | Te | neceived By: | 4.2624 | and a | |
| | d reasons or otherwise. | s based upon any of the above state | regardless of whether such claim | Date: Date: Date | Relinquished By: 7/ Date: Book of B. | Relinquished By: |
| | after completion of the applicable | received by Cardinal within 30 days ass of use, or loss of profits incurred | limitation, business interruptions, | neequental damages, including without | aminor in ordered as and cardinal be lable for incidential or consequential damagns, including without limitation, business intermuptions, loss of use, or best of profits incurred by clarifier and and an applicable attractions and an applicable attractions and an applicable attractions and an applicable attractions and applicable attractions and applicable attractions and applicable attractions and applicable | affiliates of succe |
| | t paid by the client for the | or tort, shall be limited to the amount | arising whether based in contrac | i Greek's exclusive remedy for any dale ler cause whatsoever shall be deemed | analyses. All dains inclusing those for neglogence and any other cause whatower strandy for any other setual whether based in contract or fort, shall be imited to the amount paid by the clears to the | analyses. All dai |
| | > | | | | Lability and Damages. Cardinate liability and | PLEASE NOTE: |
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| | | | RS | (C)OMP. | 1777 | 121112 |
| | SAMPLING | PRESERV. SAM | MATRIX | | | |
| | | Fax #: | | | FOR LAB LISE DAILY | FORLAR |
| | | Phone #: | | | Name: ILIC | Sampler Name- |
| | | State: Zip: | uai i@uthityoiffieldservices.com | IIIOAILUIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | š | Project |
| | | City: | | dan@trisit.cite | Name: Elvis Booster | Project Name: |
| | | Address: | | Project Owner | * | Project #: |
| | kler | Attn: Steven Buckler | 1+700 | | | Phone #: |
| | Energy LP | pany: | 7in: 200/14 | State: NM | Hobbs | City: |
| | | | | | s: 8426 N Dal Paso | Address: |
| ANALYSIS REQUEST | | DILL IO | | | Project Manager: Dan Dunkelberg | Project |
| | | DILLT | | ivices | Company Name: Trinity Oilfield Services | Compa |
| CHAIN-OF-CUSTODY AND ANALYSIS REQUEST | | | (575) 393-2326 FAX (575) 393-2476 | (575) 393-2326 F/ | | |
| | | | 101 East Marland, Hobbs, NM 88240 | | Laboratories | - |
| | | | | | | |



May 16, 2024

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: ELVIS BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/15/24 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is 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



| | DA P. HC | RINITY OILFIELD SERV AN DUNKELBERG O. BOX 2587 DBBS NM, 88241 IX TO: NONE | TCES & RENTALS, LLC | |
|-------------------|---------------------|---|---------------------|---------------|
| Received: | 05/15/2024 | | Sampling Date: | 05/09/2024 |
| Reported: | 05/16/2024 | | Sampling Type: | Soil |
| Project Name: | ELVIS BOOSTER | | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | | Sample Received By: | Alyssa Parras |
| Project Location: | Longfellow - Eddy C | O NM | | |

Sample ID: DV-029.0-04.0-P (H242649-01)

| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: CT | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 22000 | 16.0 | 05/16/2024 | ND | 400 | 100 | 400 | 0.00 | |

Sample ID: DV-029.0-14.0-P (H242649-02)

| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: CT | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 05/16/2024 | ND | 400 | 100 | 400 | 0.00 | |

Sample ID: DV-029.0-15.0-P (H242649-03)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CT | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/16/2024 | ND | 400 | 100 | 400 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| ND | Analyte NOT DETECTED at or above the reporting limit |
|-----|---|
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| No No Very Correction Factor 0 °C No No </th |
|---|
| Rush |
| Standard |
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| |
| Aur results are emailed. Piedse provide Email address: |
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District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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District III

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 362352

| Operator: | OGRID: |
|-----------------------|--|
| LONGFELLOW ENERGY, LP | 372210 |
| 8115 Preston Road | Action Number: |
| Dallas, TX 75225 | 362352 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

QUESTIONS Droroguioitoo

| Frerequisites | |
|------------------|--|
| Incident ID (n#) | nAPP2410759719 |
| Incident Name | NAPP2410759719 ELVIS TO IMPOUNDMENT PIPELINE @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Plan Received |
| | |

Location of Release Source

| Please answer all the questions in this group. | |
|--|-------------------------------|
| Site Name | Elvis to Impoundment Pipeline |
| Date Release Discovered | 04/16/2024 |
| Surface Owner | State |

Incident Details

| Please answer all the questions in this group. | |
|---|------------------------|
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. Crude Oil Released (bbls) Details Not answered. Cause: Equipment Failure | Pump | Produced Water | Released: 1,432 BBL | Recovered: 128 Produced Water Released (bbls) Details BBL | Lost: 1,304 BBL Is the concentration of chloride in the produced water >10,000 mg/l Yes Condensate Released (bbls) Details Not answered. Natural Gas Vented (Mcf) Details Not answered. Natural Gas Flared (Mcf) Details Not answered Other Released Details Not answered. Are there additional details for the questions above (i.e. any answer containing Not answered. Other, Specify, Unknown, and/or Fire, or any negative lost amounts)

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 2

Action 362352

QUESTIONS (continued) Operator: OGRID: LONGFELLOW ENERGY, LP 372210 8115 Preston Road Action Number Dallas, TX 75225 362352 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

| Nature and Volume of Release (continued) | |
|---|--|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e | e. gas only) are to be submitted on the C-129 form. |

| Initial Response | |
|--|--|
| The responsible party must undertake the following actions immediately unless they could create a s | safety hazard that would result in injury. |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remed | Not answered. lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of |
| | ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of |
| to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a | knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or |
| I hereby arree and sign off to the above statement | Name: David Cain Title: Engineering Technologist |

Email: david.cain@longfellowenergy.com

Date: 07/11/2024

I hereby agree and sign off to the above statement

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

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Action 362352

| QUESTIONS (| continued) |
|-------------|------------|
|-------------|------------|

| Operator: | OGRID: |
|-----------------------|--|
| LONGFELLOW ENERGY, LP | 372210 |
| 8115 Preston Road | Action Number: |
| Dallas, TX 75225 | 362352 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date. affected by th groupdwater beneath the at danth to What is the aball

| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 51 and 75 (ft.) |
|--|--------------------------------------|
| What method was used to determine the depth to ground water | Estimate or Other |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Zero feet, overlying, or within area |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Zero feet, overlying, or within area |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

Remediation Plan

| nease answer an the questions th | at apply or are indicated. This information must be provided to | the appropriate district office no later than 90 days after the release discovery date. |
|--|--|---|
| Requesting a remediation | plan approval with this submission | Yes |
| Attach a comprehensive report der | nonstrating the lateral and vertical extents of soil contamination | n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. |
| Have the lateral and vertica | l extents of contamination been fully delineated | Yes |
| Was this release entirely co | ontained within a lined containment area | No |
| Soil Contamination Sampling | : (Provide the highest observable value for each, in m | illigrams per kilograms.) |
| Chloride | (EPA 300.0 or SM4500 Cl B) | 55200 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 562.9 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 523 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 82.8 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 11.1 |
| | | |
| | MAC unless the site characterization report includes complete elines for beginning and completing the remediation. | |
| which includes the anticipated time | | |
| which includes the anticipated time On what estimated date wil | elines for beginning and completing the remediation. | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA |
| which includes the anticipated time On what estimated date wil On what date will (or did) th | elines for beginning and completing the remediation. I the remediation commence | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC |
| which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t | elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA(08/19/2024 08/19/2024 |
| which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa | elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur he remediation complete(d) | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAG 08/19/2024 08/19/2024 11/18/2024 |
| which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volur | elines for beginning and completing the remediation. I the remediation commence the final sampling or liner inspection occur the remediation complete(d) the area (in square feet) that will be reclaimed | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 08/19/2024 08/19/2024 11/18/2024 68733 |
| which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volum What is the estimated surfa | elines for beginning and completing the remediation. I the remediation commence the final sampling or liner inspection occur the remediation complete(d) ice area (in square feet) that will be reclaimed the (in cubic yards) that will be reclaimed | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAG 08/19/2024 08/19/2024 11/18/2024 68733 14612 |

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 362352

Act

| QUESTIONS (continued) | | |
|---|--|--|
| Operator: LONGFELLOW ENERGY, LP | OGRID: 372210 | |
| 8115 Preston Road Dallas, TX 75225 | Action Number: 362352 | |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |
| QUESTIONS | | |
| Please answer all the questions that apply or are indicated. This information must be provided to This remediation will (or is expected to) utilize the following processes to remed | | |
| (Select all answers below that apply.) | | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes | |
| Which OCD approved facility will be used for off-site disposal | R360 ARTESIA LLC LANDFARM [fEEM0112340644] | |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. | |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. | |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. | |

(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered (In Situ) Soil Vapor Extraction Not answered. (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered. (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered. (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Not answered. Ground Water Abatement pursuant to 19.15.30 NMAC Not answered. OTHER (Non-listed remedial process) Not answered. Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation 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. Name: David Cain Title: Engineering Technologist I hereby agree and sign off to the above statement Email: david.cain@longfellowenergy.com Date: 07/09/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 362352

| QUESTIONS (continued) | | |
|---------------------------------------|--|--|
| Operator: LONGFELLOW ENERGY, LP | OGRID: 372210 | |
| 8115 Preston Road Dallas, TX 75225 | Action Number: 362352 | |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |
| | | |

QUESTIONS D. (

| Deterral Requests Only | |
|--|---|
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of | the following items must be confirmed as part of any request for deferral of remediation. |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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State of New Mexico Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 362352

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| QUESTIONS (continued) | | |
|---|--|--|
| Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225 | OGRID: 372210 Action Number: 362352 | |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |
| QUESTIONS | | |
| Sampling Event Information | | |
| | | |

No

Last sampling notification (C-141N) recorded

{Unavailable.}

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 362352

| CONDITIONS | | |
|-----------------------|--|--|
| Operator: | OGRID: | |
| LONGFELLOW ENERGY, LP | 372210 | |
| 8115 Preston Road | Action Number: | |
| Dallas, TX 75225 | 362352 | |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|-------------------|
| rhamlet | The Remediation Plan is Conditionally Approved. The variance request for 400 ft2 confirmation floor/sidewall samples is approved. Due to the sensitive nature of the release location, the site will need to be remediated to the strictest closure criteria standards. Please make sure all sample locations are fully delineated and floor samples meet OCD Table 1 standards for <50' depth to groundwater. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. All off-pad areas must meet reclamation standards set forth in the OCD Spill Rule. A closure report will need to be completed and uploaded within 90 days. | 7/23/2024 |