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Oil Conservation Division

| Incident ID | NAPP2125960064 |
|----------------|----------------|
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| Facility ID | |
| Application ID | |

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Closure

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

| Cloque Deport Attachment Chealist Each of the following : | tome must be included in the elecune non-out |
|--|--|
| <u>Closure Report Attachment Checklist</u> : Each of the following it | iems musi de incluaea in the closure report. |
| A scaled site and sampling diagram as described in 19.15.29.1 | 1 NMAC |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) | of the liner integrity if applicable (Note: appropriate OCD District office |
| Laboratory analyses of final sampling (Note: appropriate ODC | C District office must be notified 2 days prior to final sampling) |
| Description of remediation activities | |
| | |
| | |
| and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of | nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for itions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in |
| Printed Name: Connor Walker | Title: Sr. Engineer |
| Signature: _ Came Alath | Date: 09/02/2022 |
| email: cwalker@mewbourne.com | Telephone: (806)202-5281 |
| | |
| OCD Only | |
| Received by: Jocelyn Harimon | Date: 09/02/2022 |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations. |
| Closure Approved by: <u>Robert Hamlet</u> | Date: 2/9/2023 |
| Printed Name: Robert Hamlet | |

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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? | (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 ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- ✓ Photographs including date and GIS information
- ✓ Topographic/Aerial maps
- ✓ Laboratory data including chain of custody

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

| Received by OCD: 9/2 | 2/2022 2:54:04 PM State of New Mexico | ` | | Page 3 of 272 |
|--|--|--|---|---|
| | | | Incident ID | nAPP2125960064 |
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| | | | Facility ID | |
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| regulations all operator public health or the en- failed to adequately in- | Allalh | e notifications and perform co the OCD does not relieve the a threat to groundwater, surfa | orrective actions for rele e operator of liability sho ace water, human health liance with any other feo | ases which may endanger ould their operations have or the environment. In |
| OCD Only Received by: JC | ocelyn Harimon | Date: 09 | 0/02/2022 | |

State of New Mexico Oil Conservation Division

| Incident ID | nAPP2125960064 |
|----------------|----------------|
| District RP | |
| Facility ID | |
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Closure

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

| <u>Closure Report Attachment Checklist</u> : Each of the following i | tems must be included in the closure report. |
|--|---|
| A scaled site and sampling diagram as described in 19.15.29.1 | 11 NMAC |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) | of the liner integrity if applicable (Note: appropriate OCD District office |
| Laboratory analyses of final sampling (Note: appropriate ODC | C District office must be notified 2 days prior to final sampling) |
| Description of remediation activities | |
| | |
| and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of | ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in |
| | |
| OCD Only | |
| Received by: Jocelyn Harimon | Date: 09/02/2022 |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations. |
| Closure Approved by: | Date: |
| Released to Imaging: 2/9/2023 8:09:40 AM Luinted Name: | Title: |
| | |

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| nAPP2200753107 | |
| | |

Incident ID

District RP Facility ID Application ID

Site Assessment/Characterization

Oil Conservation Division

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? | (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 ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- ✓ Photographs including date and GIS information
- ✓ Topographic/Aerial maps
- ✓ Laboratory data including chain of custody

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

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| | | | Incident ID | nAPP2200753107 |
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| regulations all operators are required public health or the environment. The failed to adequately investigate and r | given above is true and complete to the to report and/or file certain release noti he acceptance of a C-141 report by the C remediate contamination that pose a thre 1 report does not relieve the operator of | ifications and perform co DCD does not relieve the eat to groundwater, surfa | prective actions for relea operator of liability sho ce water, human health iance with any other fed | ases which may endanger ould their operations have or the environment. In |
| OCD Only Received by: Jocelyn Ha | rimon | Date:09. | /02/2022 | |

State of New Mexico Oil Conservation Division

| Incident ID | nAPP2200753107 |
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| District RP | |
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Closure

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

| Closure Report Attachment Checklist Fach of the following | items must be included in the closure report | |
|---|--|--|
| <u>Closure Report Attachment Checklist</u> : Each of the following items must be included in the closure report. | | |
| \checkmark A scaled site and sampling diagram as described in 19.15.29. | 11 NMAC | |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) | s of the liner integrity if applicable (Note: appropriate OCD District office | |
| Laboratory analyses of final sampling (Note: appropriate OD | C District office must be notified 2 days prior to final sampling) | |
| Description of remediation activities | | |
| | | |
| and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete. | |
| OCD Only | | |
| | - 00/02/2022 | |
| Received by: Jocelyn Harimon | Date: 09/02/2022 | |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations. | |
| Closure Approved by: | Date: | |
| Released to Imaging: 2/9/2023 8:09:40 AM Luinted Name: | Title: | |

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Chicago 9/8 W0HE Fee Com #1H Battery

Eddy County, New Mexico Unit Letter "H", Section 9, Township 24 South, Range 28 East Latitude 32.233647 North, Longitude 104.0862090 West New Mexico Oil Conservation Division (NMOCD) Reference #'s: nAPP2125960064 & nAPP2200753107

Prepared By:

Etech Environmental & Safety Solutions, Inc. 2507 79th Street, Unit A Lubbock, Texas 79423

en J. Arguijo

Lance Crenshaw

Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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| CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE. | 3.0 |
| SITE ASSESSMENT. | 4.0 |
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APPENDICES

- Appendix A Depth to Groundwater Information
- Appendix B Field Data & Soil Profile Logs
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports
- Appendix E Regulatory Correspondence

1.0 **PROJECT INFORMATION**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company (Mewbourne), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Chicago 9/8 W0HE Fee Com #1H Battery. A produced water release on December 24, 2021 (NMOCD Incident #nAPP2200753107), affected areas that had been previously impacted by a produced water release that occurred on September 7, 2021 (NMOCD Incident #nAPP2125960064), which was undergoing delineation and remediation at the time. The releases were limited to the tank battery containment area and production pad and did not impact the adjacent pasture.

The information provided in the "Release Notification" (Form C-141) for each release is summarized below. The areas affected by the commingled releases (henceforth referred to collectively as "Chicago 9/8 Battery") were delineated and remediated concurrently.

| | Locat | Release #1 tion of Release Sour | ·ce |
|--|---|------------------------------------|---|
| Latitude: | 32.233647 | Longitude: | -104.086209 |
| | Provi | ded GPS are in WGS84 format | |
| | 9/8 W0HE Fee Com #1H Bat | | Production Battery |
| Date Release Discover | red: 9/7/2021 | API # (if applica | ble): 30-015-44260 |
| Unit Letter Se | ectionTownship924S | Range 28E | County |
| | | | Eddy |
| Surface Owner: S | tate Federal Triba | I X Private (Name | e Dick Calderon) |
| | Nature | and Volume of Rel | ease |
| Crude Oil | Volume Released (bbls) | | Volume Recovered (bbls) |
| X Produced Water | Volume Released (bbls) | 80 | Volume Recovered (bbls) 60 |
| | Is the concentration of tota (TDS) in the produced wat | | X Yes No N/A |
| Condensate | Volume Released (bbls) | | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released | | Volume/Weight Recovered |
| Cause of Release: A heater treater in the | e tank battery developed a ho | le at the bottom. | |
| | | Initial Response | |
| X The source of the | release has been stopped. | | |
| X The impacted area | a has been secured to protect h | uman health and the en | vironment. |
| X Release materials | have been contained via the u | se of berms or dikes, ab | sorbent pad, or other containment devices |
| X All free liquids ar | d recoverable materials have b | been removed and mana | aged appropriately. |
| | | | |

| | Locat | Release #2 ion of Release Sour | ·ce |
|--|---|-----------------------------------|--|
| Latitude: | 32.233647 | Longitude: | -104.086209 |
| | Pr | ovided GPS are in format. | |
| | 0/8 W0HE Fee Com #1H Batt | | Production Battery |
| Date Release Discover | red: 12/24/2021 | API # (if applica | ble): 30-015-44260 |
| | ction Township | Range | County |
| "H" | 9 24S | 28E | Eddy |
| Surface Owner: St | rate Federal Tribal | X Private (Name | e Dick Calderon) |
| | Nature | and Volume of Rel | ease |
| Crude Oil | Volume Released (bbls) | | Volume Recovered (bbls) |
| X Produced Water | Volume Released (bbls) | 1,135 | Volume Recovered (bbls) 875 |
| | Is the concentration of total (TDS) in the produced water | | X Yes No N/A |
| Condensate | Volume Released (bbls) | | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released | | Volume/Weight Recovered |
| Cause of Release: A welded connection | on a poly line separated. | | |
| | I | Initial Response | |
| X The source of the | release has been stopped. | | |
| X The impacted area | a has been secured to protect h | aman health and the en | vironment. |
| X Release materials | have been contained via the us | e of berms or dikes, ab | psorbent pad, or other containment devices |
| X All free liquids an | d recoverable materials have b | een removed and mana | aged appropriately. |
| | | | |

Previously submitted portions of the Form C-141 for each release are available in the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

Site Assessment/Characterization

| What is the shallowest depth to groundwater beneath the area affected by the release? | | 25' |
|---|-----|------|
| Did the release impact groundwater or surface water? | Yes | X No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | Yes | X 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 | X No |
| Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church? | Yes | X 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 | X No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | Yes | X No |
| Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field? | Yes | X No |
| Are the lateral extents of the release within 300 feet of a wetland? | Yes | X No |
| Are the lateral extents of the release overlying a subsurface mine? | Yes | X No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | Yes | X No |
| Are the lateral extents of the release within a 100-year floodplain? | Yes | X No |
| Did the release impact areas not on an exploration, development, production or storage site? | Yes | X No |

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish & Wildlife Services (FWS) shapefiles, topographic maps, NMOSE and USGS databases, and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the releases, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Chicago 9/8 Battery release site are as follows:

| Probable Depth to Groundwater | Constituent | Laboratory Analytical Method | Closure Criteria*† | Reclamation Standard*‡ |
|----------------------------------|--|-----------------------------------|-----------------------|---------------------------|
| | Chloride (Cl-) | EPA 300.0 or SM4500 Cl B | 600 | 600 |
| | Total Petroleum Hydrocarbons (TPH) | EPA SW-846 Method 8015M Ext | 100 | 100 |
| 25' | Gas Range Organics + Diesel Range Organics (GRO+DRO) | EPA SW-846 Method 8015M | N/A | N/A |
| | Benzene | EPA SW-846 Methods 8021b or 8260b | 10 | 10 |
| | Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA SW-846 Methods 8021b or 8260b | 50 | 50 |

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

[‡] The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 **REGULATORY APPROVALS & STIPULATIONS**

On December 10, 2021, an extension request was submitted to the NMOCD in regard to the September 7, 2021, release asking for additional time to conduct a proper site assessment, fully delineate the release, and devise an appropriate remediation strategy to advance the site to an NMOCD-approved closure. The extension request was subsequently approved by the NMOCD, with no added stipulations.

On April 6, 2022, an extension request was submitted to the NMOCD asking for additional time to fully delineate and/or excavate the commingled releases and allow time for upcoming fracking activities in the region to be completed. The extension request was subsequently denied by the NMOCD, with no added stipulations, aside from inclusion of the communique with the remediation and/or closure report.

Copies of all regulatory correspondence are provided in Appendix E.

5.0 SITE ASSESSMENT

On January 24, 2022, Etech conducted a site visit to assess the Chicago 9/8 Battery release site. During the site assessment, four (4) hand-augered soil bores (SP1 through SP4) were advanced within the inferred margins of the affected area in an effort to determine the vertical extent of impacted soil. In addition, eight (8) hand-augered soil bores (NH 1, NH 2, EH 1, EH 2, SH 1, SH 2, WH 1, and WH 2) were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, a total of 24 delineation soil samples (NH 1 @ Surface, NH 1 @ 1', NH 2 @ Surface, NH 2 @ 1', EH 1 @ Surface, EH 1 @ 1', EH 2 @ Surface, EH 2 @ 1', SH 1 @ Surface, SH 1 @ 1', SH 2 @ Surface, SH 2 @ 1', WH 1 @ Surface, WH 1 @ 1', WH 2 @ Surface, WH 2 @ 1', SP1 @ Surface, SP1 @ 1', SP2 @ Surface, SP2 @ 1', SP3 @ Surface, SP3 @ 2', SP4 @ Surface, and SP4 @ 3') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below both the applicable NMOCD Closure Criteria and laboratory method detection limit (MDL) in each of the submitted soil samples, with the exceptions of soil samples SH 2 @ Surface, SP1 @ Surface, and SP3 @ Surface, which exhibited TPH concentrations ranging from 11.3 mg/kg (SH 2 @ Surface and WH 2 @ 1' to 11,800 mg/kg in soil samples SP1 @ Surface and SP2 @ Surface. Based on laboratory analytical results, the horizontal and vertical extent of impacted soil was adequately defined, and the depth of impacted soil ranged from approximately one (1) foot below ground surface (bgs) in the areas characterized by sample point SP1.

The locations of the hand-augered soil bores are depicted in Figure 3, "Site & Sample Location Map".

6.0 **REMEDIATION ACTIVITIES SUMMARY**

On April 20, 2022, remediation activities commenced at the release site following the cessation of fracking activities in the immediate area and the complete deconstruction and removal of the Chicago 9/8 tank battery and associated containment areas, pumps, pipes, appurtenances, electrical facilities, and other miscellaneous equipment. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 50 linear feet from the excavation sidewalls and every 200 square feet from the floor of the excavated area to be submitted for laboratory analysis.

On April 26, 2022, Etech collected 14 confirmation soil samples (EW1, SW1, WW1, FL 1 @ 11' through FL 9 @ 11', FL 11 @ 12, and FL 12 @ 12) from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 144 mg/kg in soil sample FL 4 @ 9' to 672 mg/kg in soil sample FL 6 @ 9', which exceeded the NMOCD Closure Criterion. Based on these laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FL 6 @ 9'.

On April 28, 2022, Etech collected four (4) confirmation soil samples (EW2, FS 10 @ 11', FS 16 @ 12', and FS 18 @ 11') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 336 mg/kg in soil sample FS 10 @ 11' to 784 mg/kg in soil sample EW2, which exceeded the NMOCD Closure Criterion. Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample EW2.

On April 29, 2022, Etech collected 13 confirmation soil samples (WW2, FS 6 @ 10', FS 17 @ 11', and FS 19 @ 8' through FS 28 @ 7') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 80.0 mg/kg in soil sample FS 27 @ 7' to 880 mg/kg in soil sample WW2, which exceeded the NMOCD Closure Criterion. Based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil sample WW2 and soil sample FS 17 @ 11', which also exceeded the NMOCD Closure Criterion for chloride.

On May 3, 2022, Etech collected 10 confirmation soil samples (EW3, WW3, and FS 29 @ 7' through FS 36 @ 7') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 96.0 mg/kg in soil sample WW3 to 688 mg/kg in soil sample FS 35 @ 7', which exceeded the NMOCD Closure Criterion. Based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample FS 35 @ 7'.

On May 4, 2022, Etech collected five (5) confirmation soil samples (FS 37 @ 7' through FS 41 @ 7') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FS 37 @ 7' to 400 mg/kg in soil sample FS 39 @ 7'.

On May 5, 2022, Etech collected two (2) confirmation soil samples (EW4 and WW4) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations were 128 mg/kg in soil sample EW4 and 160 mg/kg in soil sample WW4.

On May 9, 2022, Etech collected 10 confirmation soil samples (FS 42 @ 7' through FS 51 @ 7') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FS 48 @ 7' to 464 mg/kg in soil sample FS 42 @ 7'.

On May 11, 2022, Etech collected three (3) confirmation soil samples (EW2A, WW2A, and FS 17 @ 19') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated chloride concentrations ranged from 320 mg/kg in soil sample WW2A to 448 mg/kg in soil sample FS 17 @ 19'.

On May 13, 2022, Etech collected 20 confirmation soil samples (EW5, WW5, FS 35 @ 8', and FS 54 @ 9' through FS 70 @ 6') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FS 70 @ 6' to 496 mg/kg in soil sample FS 54 @ 9'.

On May 16, 2022, Etech collected 10 confirmation soil samples (FS 52 @ 19.5', FS 53 @ 19.5', FS 71 @ 4' through FS 77 @ 7', and FS 81 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil sample FS 81 @ 4' to 448 mg/kg in soil sample FS 77 @ 7'.

On May 17, 2022, Etech collected 10 confirmation soil samples (EW6, WW6, FS 78 @ 5' through FS 80 @ 4', FS 82 @ 4' through FS 84 @ 8', FS 86 @ 3', and FS 87 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 80.0 mg/kg in soil sample FS 82 @ 4' to 560 mg/kg in soil sample FS 79 @ 4'.

On May 18, 2022, Etech collected 10 confirmation soil samples (FS 88 @ 4.5' through FS 96 @ 3' and FS 98 @ 4.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil sample FS 90 @ 5' to 400 mg/kg in soil samples FS 88 @ 4.5' and FS 92 @ 6'.

On May 19, 2022, Etech collected 10 confirmation soil samples (EW7, WW7, FS 97 @ 8.5', and FS 99 @ 3.5' through FS 105 @ 2.5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL, with the exception of soil sample EW7, which exhibited a TPH concentration of 20.3 mg/kg. Chloride concentrations ranged from 80.0 mg/kg in soil samples FS 100 @ 4' and FS 104 @ 2.5' to 528 mg/kg in soil sample FS 101 @ 2.5'.

On May 23, 2022, Etech collected seven (7) confirmation soil samples (EW8 and FS 106 @ 2' through FS 111 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL, with the exception of soil sample FS 106 @ 2', which exhibited a TPH concentration of 15.7 mg/kg. Chloride concentrations ranged from 144 mg/kg in soil sample FS 106 @ 2' to 400 mg/kg in soil samples FS 108 @ 5.5' and FS 109 @ 5.5'.

On May 24, 2022, Etech collected three (3) confirmation soil samples (FS 112 @ 6', FS 113 @ 5', and FS 114 @ 4.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 64.0 mg/kg in soil sample FS 112 @ 6' to 448 mg/kg in soil sample FS 114 @ 4.5'.

On May 25, 2022, Etech collected seven (7) confirmation soil samples (NW1, WW8, and FS 115 @ 4.5' through FS 119 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 96.0 mg/kg in soil samples NW1, FS 117 @ 5', FS 118 @ 5', and FS 119 @ 5' to 400 mg/kg in soil sample FS 116 @ 4'.

The final dimensions of the excavated area were approximately 420 feet in length, 52 to 90 feet in width, and two (2) to 19.5 feet in depth. During the course of remediation activities, Etech transported approximately 10,042 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 8,550 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data and soil profile logs are provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

7.0 **RESTORATION, RECLAMATION & RE-VEGETATION PLAN**

The releases were limited to the tank battery containment area and production pad and did not impact the adjacent pasture. Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions and compacted/contoured to facilitate rebuilding of the tank battery. Final reclamation and revegetation will be conducted upon decommissioning and abandonment of the new facility.

8.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Mewbourne provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Chicago 9/8 Battery release site.

9.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary* & *Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

10.0 DISTRIBUTION

Mewbourne Oil Company

4801 Business Park Blvd. Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

(Electronic Submission)

Figure 1 Topographic Map

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Figure 2 Site Characterization Map

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Figure 3 Site & Sample Location Map

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Table 1Concentrations of BTEX, TPH & Chloride in Soil

| | | | Concen | | Table f BTEX, T oourne Oil | PH & Ch | loride in S | oil | | | |
|-----------------|----------------|-----------------|----------------|--------------------|----------------------------------|---|--|--|--|---|---------------------|
| | | NMO | | 0 | VOHE Fee | | • | 00752107 | | | |
| NMOCI | O Closure Crit | | D Refe | 10 | nAPP212 50 | N/A | & nAPP22 N/A | N/A | N/A | 100 | 600 |
| | eclamation St | | | 10 | 50 | N/A N/A | N/A N/A | N/A N/A | N/A N/A | 100 | 600 |
| | | | | - | 5 8021B | 14/28 | | 846 8015M | | 100 | 4500 Cl |
| Sample ID | Date | Depth (Feet) | Soil Status | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C ₆ -C ₃₆ (mg/kg) | Chloride (mg/kg) |
| NUL 1 @ Sumfage | 1/24/2022 | 0 | L. Cita | | Delineation S | _ | <10.0 | <20.0 | <10.0 | <20.0 | 48.0 |
| NH 1 @ Surface | 1/24/2022 | 0 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| NH 1 @ 1' | 1/24/2022 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| NH 2 @ Surface | 1/24/2022 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 368 |
| NH 2 @ 1' | 1/24/2022 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| EH 1 @ Surface | 1/24/2022 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| EH 1 @ 1' | 1/24/2022 | 1 | In-Situ | <0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| EH 2 @ Surface | 1/24/2022 | 0 | In-Situ | <0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| EH 2 @ 1' | 1/24/2022 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| SH 1 @ Surface | 1/24/2022 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| SH 1 @ 1' | 1/24/2022 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| SH 2 @ Surface | 1/24/2022 | 0 | In-Situ | <0.050 | < 0.300 | <10.0 | 11.3 | 11.3 | <10.0 | 11.3 | 240 |
| SH 2 @ 1' | 1/24/2022 | 1 | In-Situ | <0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| WH 1 @ Surface | 1/24/2022 | 0 | In-Situ | <0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| WH 1 @ 1' | 1/24/2022 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| WH 2 @ Surface | 1/24/2022 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| WH 2 @ 1' | 1/24/2022 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| SP1 @ Surface | 1/24/2022 | 0 | Excavated | < 0.050 | <0.300 | <10.0 | 102 | 102 | <10.0 | 102 | 11,800 |
| SP1 @ 1' | 1/24/2022 | 1 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| SP2 @ Surface | 1/24/2022 | 0 | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 11,800 |
| SP2 @ 1' | 1/24/2022 | 1 | Excavated | <0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| SP3 @ Surface | 1/24/2022 | 0 | Excavated | <0.050 | < 0.300 | <10.0 | 19.3 | 19.3 | <10.0 | 19.3 | 560 |
| SP3 @ 2' | 1/24/2022 | 2 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| SP4 @ Surface | 1/24/2022 | 0 | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,440 |
| SP4 @ 3' | 1/24/2022 | 3 | Excavated | | <0.300 Excavation S | <10.0 amples | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| NW1 | 5/25/2022 | 1-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| EW1 | 4/26/2022 | 1-11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 448 |
| EW2 | 4/28/2022 | 1-11 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 784 |
| EW2A | 5/11/2022 | 1-11 | In-Situ | - | - | - | - | - | - | - | 352 |
| EW3 | 5/3/2022 | 1-6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| EW4 | 5/5/2022 | 1-18.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| EW5 | 5/13/2022 | 1-6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| EW6 | 5/17/2022 | 1-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 384 |
| EW7 | 5/19/2022 | 1-2 | In-Situ | < 0.050 | < 0.300 | <10.0 | 20.3 | 20.3 | <10.0 | 20.3 | 144 |
| EW8 | 5/23/2022 | 1-4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| SW1 | 4/26/2022 | 1-10 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| WW1 | 4/26/2022 | 1-11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| WW2 | 4/29/2022 | 1-11 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 880 |
| WW2A | 5/11/2022 | 1-11 | In-Situ | - | - | - | - | - | - | - | 320 |
| WW3 | 5/3/2022 | 1-6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| WW4 | 5/5/2022 | 1-6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| WW5 | 5/13/2022 | 1-9 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance.

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| | | | Concen | trations o | Table f BTEX T | | loride in S | oil | | | |
|-------------|-----------------|--------|-----------|------------|-------------------|---------------|---|---------------------------------|---|---------------|------------|
| | | | Concen | | ourne Oi | | | UII | | | |
| | | | Chi | | V0HE Fee | - • | | | | | |
| | | NMO | | 0 | | | k nAPP22 | 00753107 | | | |
| NMOO | CD Closure Crit | | D Kele | 10 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 |
| | Reclamation St | | | 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 |
| 10000 | | | | | 5 8021B | 11/2 | | 846 8015M | | 100 | 4500 Cl |
| | | Depth | Soil | 511 04 | 00210 | GRO | | GRO + | | TDV | 4500 C1 |
| Sample ID | Date | (Feet) | Son | Benzene | BTEX | GRO C6-C10 | DRO C ₁₀ -C ₂₈ | DRO | ORO C ₂₈ -C ₃₆ | ТРН С6-С36 | Chloride |
| | | . , | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | C ₆ -C ₂₈ | (mg/kg) | (mg/kg) | (mg/kg) |
| WW6 | 5/17/2022 | 1-7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | (mg/kg) <20.0 | <10.0 | <30.0 | 416 |
| WW7 | 5/19/2022 | 1-7.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 432 |
| WW8 | 5/25/2022 | 1-5.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| FL 1 @ 11' | 4/26/2022 | 11 | In-Situ | < 0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 544 |
| FL 2 @ 11' | 4/26/2022 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 512 |
| FL 3 @ 11' | 4/26/2022 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FL 4 @ 9' | 4/26/2022 | 9 | In-Situ | < 0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FL 5 @ 9' | 4/26/2022 | 9 | In-Situ | < 0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| FL 6 @ 9' | 4/26/2022 | 9 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 672 |
| FS 6 @ 10' | 4/29/2022 | 10 | In-Situ | -0.050 | -0.500 | -10.0 | -10.0 | | -10.0 | -50.0 | 272 |
| FL 7 @ 11' | 4/26/2022 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| FL 8 @ 11' | 4/26/2022 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| FL 9 @ 11' | 4/26/2022 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 10 @ 11' | 4/28/2022 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| FL 11 @ 12 | 4/26/2022 | 12 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| FL 12 @ 12 | 4/26/2022 | 12 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| FS 16 @ 12' | 4/28/2022 | 12 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 448 |
| FS 17 @ 11' | 4/29/2022 | 11 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 800 |
| FS 17 @ 19' | 5/11/2022 | 19 | In-Situ | - | - | - | - | - | - | - | 448 |
| FS 18 @ 11' | 4/28/2022 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 560 |
| FS 19 @ 8' | 4/29/2022 | 8 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 528 |
| FS 20 @ 7' | 4/29/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FS 21 @ 7' | 4/29/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 |
| FS 22 @ 8' | 4/29/2022 | 8 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 544 |
| FS 23 @ 7' | 4/29/2022 | 7 | In-Situ | | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FS 24 @ 7' | 4/29/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| FS 25 @ 7' | 4/29/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FS 26 @ 7' | 4/29/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| FS 27 @ 7' | 4/29/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FS 28 @ 7' | 4/29/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FS 29 @ 7' | 5/3/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FS 30 @ 7' | 5/3/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 352 |
| FS 31 @ 7' | 5/3/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 432 |
| FS 32 @ 7' | 5/3/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FS 33 @ 7' | 5/3/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 34 @ 7' | 5/3/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FS 35 @ 7' | 5/3/2022 | 7 | Excavated | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 688 |
| FS 35 @ 8' | 5/13/2022 | 8 | In-Situ | - | - | - | - | - | - | - | 464 |
| FS 36 @ 7' | 5/3/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 560 |
| FS 37 @ 7' | 5/4/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 |
| FS 38 @ 7' | 5/4/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| FS 39 @ 7' | 5/4/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 40 @ 7' | 5/4/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance.

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| | | | G | | Table | | | | | | |
|---------------|-----------------|--------|---------|--------------------|---------------------|---------|---------|--|----------------------------------|---------|---------------------|
| | | | Concen | | f BTEX, T | | | oil | | | |
| | | | Chi | | oourne Oil | | · | | | | |
| | | NMO | | 0 | V0HE Fee nAPP212 | | • | 00753107 | | | |
| NMO | CD Closure Crit | | CD KCR | 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 |
| NMOCD | Reclamation St | andard | | 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 |
| | | | | SW 84 | 6 8021B | | sw | 846 8015M | Ext. | | 4500 Cl |
| Coursely ID | Dete | Depth | Soil | | | GRO | DRO | GRO + | ORO | ТРН | |
| Sample ID | Date | (Feet) | Status | Benzene (mg/kg) | BTEX (mg/kg) | C6-C10 | C10-C28 | DRO C ₆ -C ₂₈ | C ₂₈ -C ₃₆ | C6-C36 | Chloride (mg/kg) |
| | | | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| FS 41 @ 7' | 5/4/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FS 42 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FS 43 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| FS 44 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| FS 45 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| FS 46 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 432 |
| FS 47 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 416 |
| FS 48 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 |
| FS 49 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FS 50 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FS 51 @ 7' | 5/9/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FS 52 @ 19.5' | 5/16/2022 | 19.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| FS 53 @ 19.5' | 5/16/2022 | 19.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 384 |
| FS 54 @ 9' | 5/13/2022 | 9 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 496 |
| FS 55 @ 9' | 5/13/2022 | 9 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FS 56 @ 6.5' | 5/13/2022 | 6.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FS 57 @ 6.5' | 5/13/2022 | 6.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 416 |
| FS 58 @ 7' | 5/13/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 384 |
| FS 59 @ 7' | 5/13/2022 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 384 |
| FS 60 @ 7.5' | 5/13/2022 | 7.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 416 |
| FS 61 @ 10' | 5/13/2022 | 10 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| FS 62 @ 10' | 5/13/2022 | 10 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| FS 63 @ 10' | 5/13/2022 | 10 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FS 64 @ 4' | 5/13/2022 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| FS 65 @ 4' | 5/13/2022 | | In-Situ | | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FS 66 @ 11' | 5/13/2022 | | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| FS 67 @ 4' | 5/13/2022 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 368 |
| FS 68 @ 5' | 5/13/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 352 |
| FS 69 @ 6' | 5/13/2022 | 6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 272 |
| FS 70 @ 6' | 5/13/2022 | 6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 |
| FS 71 @ 4' | 5/16/2022 | | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| FS 72 @ 5' | 5/16/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 73 @ 4' | 5/16/2022 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FS 74 @ 4' | 5/16/2022 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| FS 75 @ 5' | 5/16/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| FS 76 @ 4' | 5/16/2022 | 4 | In-Situ | < 0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| FS 77 @ 7' | 5/16/2022 | 7 | In-Situ | < 0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 448 |
| FS 78 @ 5' | 5/17/2022 | 5 | In-Situ | < 0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| FS 79 @ 4' | 5/17/2022 | 4 | In-Situ | < 0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 560 |
| FS 80 @ 4' | 5/17/2022 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 272 |
| FS 81 @ 4' | 5/16/2022 | | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FS 82 @ 4' | 5/17/2022 | | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FS 83 @ 6.5' | 5/17/2022 | 6.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 448 |

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance.

Red: NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance.

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| | | | Concen | trations of | Table f BTEX, T | | loride in S | oil | | | |
|---------------|----------------|--------|---------|--------------------|--------------------|---------------------------------|-------------|--|----------------------------------|---------|---------------------|
| | | | Conten | | oourne Oil | | | 011 | | | |
| | | | Chi | | V0HE Fee | - • | | | | | |
| | | NMO | | 0 | nAPP212 | | • | 00753107 | | | |
| NMOC | D Closure Crit | | | 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 |
| NMOCD | Reclamation St | andard | | 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 |
| | | | | SW 840 | 5 8021B | | SW | 846 8015M | Ext. | | 4500 CI |
| 6 I II | | Depth | Soil | | | GRO | DRO | GRO + | ORO | ТРН | |
| Sample ID | Date | (Feet) | Status | Benzene (mg/kg) | BTEX (mg/kg) | C ₆ -C ₁₀ | C10-C28 | DRO C ₆ -C ₂₈ | C ₂₈ -C ₃₆ | C6-C36 | Chloride (mg/kg) |
| | | | | (mg/kg) | (ing/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (ing/kg) |
| FS 84 @ 8' | 5/17/2022 | 8 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FS 86 @ 3' | 5/17/2022 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FS 87 @ 3' | 5/17/2022 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| FS 88 @ 4.5' | 5/18/2022 | 4.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 89 @ 4.5' | 5/18/2022 | 4.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 368 |
| FS 90 @ 5' | 5/18/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |
| FS 91 @ 5' | 5/18/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| FS 92 @ 6' | 5/18/2022 | 6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 93 @ 3' | 5/18/2022 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| FS 94 @ 3' | 5/18/2022 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FS 95 @ 3' | 5/18/2022 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| FS 96 @ 3' | 5/18/2022 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| FS 97 @ 8.5' | 5/19/2022 | 8.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 288 |
| FS 98 @ 4.5' | 5/18/2022 | 4.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| FS 99 @ 3.5' | 5/19/2022 | 3.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FS 100 @ 4' | 5/19/2022 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FS 101 @ 2.5' | 5/19/2022 | 2.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 528 |
| FS 102 @ 5.5' | 5/19/2022 | 5.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 128 |
| FS 103 @ 4.5' | 5/19/2022 | 4.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 464 |
| FS 104 @ 2.5' | 5/19/2022 | 2.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 80.0 |
| FS 105 @ 2.5' | 5/19/2022 | 2.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| FS 106 @ 2' | 5/23/2022 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | 15.7 | 15.7 | <10.0 | 15.7 | 144 |
| FS 107 @ 6.5' | 5/23/2022 | 6.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| FS 108 @ 5.5' | 5/23/2022 | 5.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 109 @ 5.5' | 5/23/2022 | 5.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 110 @ 5' | 5/23/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 |
| FS 111 @ 5' | 5/23/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| FS 112 @ 6' | 5/24/2022 | 6 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |
| FS 113 @ 5' | 5/24/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FS 114 @ 4.5' | 5/24/2022 | 4.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 448 |
| FS 115 @ 4.5' | 5/25/2022 | 4.5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| FS 116 @ 4' | 5/25/2022 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| FS 117 @ 5' | 5/25/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FS 118 @ 5' | 5/25/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| FS 119 @ 5' | 5/25/2022 | 5 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |

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Appendix A Depth to Groundwater Information

Received by OCD: 9/2/2022 2:54:04 PM



Released to Imaging: 2/9/2023 8:09:40 AM



| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) | (R=POD has been replaced, O=orphaned, C=the file is closed) | , 1 | | 2=NE 3=SW st to largest) | , | 083 UTM in me | ters) | (1 | In feet) | |
|---|---|-----------------------|--------|-----------------------------|------|---------------|-------------|--------|----------------|-----------------|
| POD Number | POD Sub- Code basin Co | Q Q C unty 64 16 4 | • | Rng | х | Y | Distance | - | Depth Water | Water Column |
| C 00764 | | ED 313 | | | 6399 | 3566292* 🌍 | 509 | 118 | 25 | 93 |
| <u>C 00570</u> | CUB E | ED 1 1 | 10 24S | 28E 58 | 6490 | 3567195* 🌍 | 633 | 100 | 28 | 72 |
| | | | | | | Averag | ge Depth to | Water: | 26 | feet |
| | | | | | | | Minimum | Depth: | 25 | feet |
| | | | | | | | Maximum | Depth: | 28 | feet |
| Record Count: 2 | | | | | | | | | | |

UTMNAD83 Radius Search (in meters):

Easting (X): 586094.43

Northing (Y): 3566700.38

Radius: 804.67

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer Point of Diversion Summary

| | | | (quart | ers are | l=NW | 2=1 | NE 3=S | W 4=SE) | | | |
|--------------|-------|----------------------|-----------|-----------|-------|------------|----------|-----------|--------------|---------------|-------------|
| | | | (qua | rters are | small | est t | o larges | t) | (NAD83 U | TM in meters) | |
| Well Tag | POD | Number | Q64 | Q16 (| Q4 S | Sec | Tws | Rng | Х | Y | |
| | C 0 | 0764 | 3 | 1 | 3 | 10 | 24S | 28E | 586399 | 3566292* | |
| Driller Lice | ense: | | Drille | · Com | pany | v : | | | | | |
| Driller Nar | me: | W.C. MOORE | | | | | | | | | |
| Drill Start | Date: | 05/15/1957 | Drill F | inish | Date | : | 0: | 5/25/1957 | 7 Pl | ug Date: | |
| Log File Da | ate: | 10/16/1958 | PCW | Rev D | ate: | | 04 | 4/15/1958 | 8 S a | ource: | Shallow |
| Pump Type | e: | TURBIN | Pipe D | lischa | rge S | bize | : | | Es | stimated Yiel | ld: 400 GPM |
| Casing Size | e: | 16.00 | Depth | Well: | | | 1 | 18 feet | D | epth Water: | 25 feet |
| C | Wate | er Bearing Stratific | cations: | | Тор | B | ottom | Descri | ption | | |
| | | | | | 23 | | 24 | Other/U | Unknown | | |
| | | | | | 85 | | 115 | Sandst | one/Grave | l/Conglomera | ate |
| <u>(</u> | | Casing Perfo | orations: | | Тор | B | ottom | l | | | |
| | | | | | 23 | | 30 | | | | |
| | | | | | 85 | | 115 | i | | | |

*UTM location was derived from PLSS - see Help

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

1/31/22 10:47 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer **Point of Diversion Summary**

| | | | (quarters are 1=N | W 2=N | VE 3=S' | W 4=SE) | | | |
|-------------|-------|---------------|-------------------|-----------|----------|-----------|----------|----------------|---------|
| | | | (quarters are sma | allest to | o larges | t) | (NAD83 U | TM in meters) | |
| Well Tag | POD | Number | Q64 Q16 Q4 | Sec | Tws | Rng | Х | Y | |
| | C 0 | 0570 | 1 1 | 10 | 24S | 28E | 586490 | 3567195* 🧉 | |
| Driller Lic | ense: | 161 | Driller Compa | ny: | В 8 | k F DRIL | LING CO | MPANY | |
| Driller Naı | me: | W.D. BRININST | TOOL | | | | | | |
| Drill Start | Date: | 08/12/1954 | Drill Finish Da | te: | 0 | 8/14/1954 | - Pl | ug Date: | |
| Log File Da | ate: | 09/10/1954 | PCW Rcv Date | : | | | So | urce: | Shallow |
| Pump Type | e: | | Pipe Discharge | Size | : | | Es | timated Yield: | |
| Casing Size | ۰. | | Depth Well: | | 1/ | 00 feet | D | epth Water: | 28 feet |

*UTM location was derived from PLSS - see Help

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

1/31/22 10:47 AM

POINT OF DIVERSION SUMMARY



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Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321336104043601 24S.28E.10.343114

Eddy County, New Mexico Latitude 32°13'36", Longitude 104°04'36" NAD27 Land-surface elevation 3,012 feet above NAVD88 The depth of the well is 50 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

| Output formats | |
|----------------|--|

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

| Date \$ | Time \$ | ? Water- level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above \$ specific vertical datum | Referenced vertical ≎ datum | ? \$tatus | ? Method of measurement | ? Measuring [≎] agency | ? Source of measurement | ? Water- level approval status |
|------------|---------|---|------------------------|---|--|-----------------------------------|--------------|-------------------------------|---------------------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1974-01-25 | | D | 72019 | 7.00 | | | 1 | Z | | | А |
| 1983-01-31 | | D | 72019 | 7.10 | | | 1 | Z | | | А |
| 1988-02-11 | | D | 72019 | 6.89 | | | 1 | Z | | | А |
| 1992-10-20 | | D | 72019 | 6.48 | | | 1 | S | | | А |
| 1998-01-07 | | D | 72019 | 7.62 | | | 1 | S | | | А |
| 2003-02-04 | | D | 72019 | 11.76 | | | 1 | S | USGS | S | А |

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| Explanation | | | | | | | |
|--------------------------------|---------|---|--|--|--|--|--|
| Section \$ | Code \$ | Description | | | | | |
| Water-level date-time accuracy | D | Date is accurate to the Day | | | | | |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet | | | | | |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet | | | | | |
| Parameter code | 72019 | Depth to water level, feet below land surface | | | | | |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 | | | | | |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 | | | | | |
| Status | 1 | Static | | | | | |
| Method of measurement | S | Steel-tape measurement. | | | | | |
| Method of measurement | Z | Other. | | | | | |
| Measuring agency | | Not determined | | | | | |
| Measuring agency | USGS | U.S. Geological Survey | | | | | |
| Source of measurement | | Not determined | | | | | |
| Source of measurement | S | Measured by personnel of reporting agency. | | | | | |
| Water-level approval status | А | Approved for publication Processing and review completed. | | | | | |

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-08-04 17:33:38 EDT 0.29 0.23 nadww01

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Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 321328104040701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321328104040701 24S.28E.15.21224

Eddy County, New Mexico Latitude 32°13'28", Longitude 104°04'07" NAD27 Land-surface elevation 3,003 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

| Date \$ | Time \$ | ? Water- level date-time accuracy | ? Parameter ^{\$} code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical \$ datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of the source of the | ? Water- level approval status |
|------------|---------|---|--------------------------------------|---|---|------------------------------------|-------------|-------------------------------|--------------------------|--|--|
| | | | | | | | | | | | |
| 1955-07-13 | | D | 72019 | 10.38 | | | 1 | Z | | | А |
| 1974-01-25 | | D | 72019 | 9.30 | | | 1 | Z | | | A |
| 1975-01-29 | | D | 72019 | 5.35 | | | 1 | Z | | | А |
| 1976-01-14 | | D | 72019 | 9.02 | | | 1 | Z | | | A |
| 1977-01-14 | | D | 72019 | 10.07 | | | 1 | Z | | | А |
| 1978-01-25 | | D | 72019 | 9.84 | | | 1 | Z | | | А |
| 1979-01-18 | | D | 72019 | 5.64 | | | 1 | Z | | | А |

| Explanation | | | | | | | |
|--------------------------------|---------|---|--|--|--|--|--|
| Section \$ | Code \$ | Description | | | | | |
| Water-level date-time accuracy | D | Date is accurate to the Day | | | | | |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet | | | | | |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet | | | | | |
| Parameter code | 72019 | Depth to water level, feet below land surface | | | | | |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 | | | | | |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 | | | | | |
| Status | 1 | Static | | | | | |
| Method of measurement | Z | Other. | | | | | |
| Measuring agency | | Not determined | | | | | |
| Source of measurement | | Not determined | | | | | |
| Water-level approval status | А | Approved for publication Processing and review completed. | | | | | |

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Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-08-04 17:37:30 EDT 0.35 0.28 nadww01 USA.gov



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Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site no list =

• 321446104045301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321446104045301 24S.28E.04.422422

Eddy County, New Mexico Latitude 32°14'46", Longitude 104°04'53" NAD27 Land-surface elevation 3,021 feet above NAVD88 The depth of the well is 250 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

| Date \$ | Time \$ | ? Water- level \$ date-time accuracy | ? Parameter ^{\$} code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical \$ datum | ? \$ Status | ? Method of measurement | ? Measuring ^{\$} agency | ? Source of the source of the | ? Water- level approval status |
|------------|---------|--|--------------------------------------|---|---|------------------------------------|-------------------|-------------------------------|--|--|--|
| | | | | | | | | | | | |
| 1983-01-31 | | D | 72019 | 23.56 | | | 1 | Z | | | А |
| 1988-02-12 | | D | 72019 | 21.57 | | | 1 | Z | | | А |
| 1992-11-20 | | D | 72019 | 18.05 | | | 1 | S | | | А |
| 1998-01-23 | | D | 72019 | 20.77 | | | 1 | S | | | А |
| 2003-02-04 | | D | 72019 | 25.43 | | | 1 | S | USGS | S | А |

| Page 41 | OJ 272 |
|---------|--------|
|---------|--------|

| Explanation | | | | | | |
|--------------------------------|---------|---|--|--|--|--|
| Section \$ | Code \$ | Description | | | | |
| Water-level date-time accuracy | D | Date is accurate to the Day | | | | |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet | | | | |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet | | | | |
| Parameter code | 72019 | Depth to water level, feet below land surface | | | | |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 | | | | |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 | | | | |
| Status | 1 | Static | | | | |
| Method of measurement | S | Steel-tape measurement. | | | | |
| Method of measurement | Z | Other. | | | | |
| Measuring agency | | Not determined | | | | |
| Measuring agency | USGS | U.S. Geological Survey | | | | |
| Source of measurement | | Not determined | | | | |
| Source of measurement | S | Measured by personnel of reporting agency. | | | | |
| Water-level approval status | А | Approved for publication Processing and review completed. | | | | |

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Groundwater levels for the Nation

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Search Results -- 1 sites found

Agency code = usgs site_no list = • 321317104062301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321317104062301 24S.28E.17.231111

Eddy County, New Mexico Latitude 32°13'17", Longitude 104°06'23" NAD27 Land-surface elevation 3,054 feet above NAVD88 The depth of the well is 265 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

| Date \$ | Time \$ | ? Water-level \$ date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical \$ datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water- level approval status |
|------------|---------|--|------------------------|---|---|------------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| 1946-10-22 | | D | 72019 | 25.90 | | | 1 | Z | | | А |
| 1947-02-08 | | D | 72019 | 25.10 | | | 1 | Z | | | А |
| 1947-10-22 | | D | 72019 | 23.51 | | | 1 | Z | | | А |
| 1948-01-13 | | D | 72019 | 23.18 | | | 1 | Z | | | A |
| 1948-02-09 | | D | 72019 | 24.87 | | | 1 | Z | | | А |
| 1949-01-29 | | D | 72019 | 24.54 | | | 1 | Z | | | А |
| 1950-01-19 | | D | 72019 | 26.59 | | | 1 | Z | | | А |
| 1951-01-17 | | D | 72019 | 22.70 | | | 1 | Z | | | А |

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| Date \$ | Time \$ | ? Water-level \$ date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above \$ specific vertical datum | Referenced vertical ≎ datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water- level approval status |
|------------|---------|--|------------------------|---|--|-----------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1952-01-16 | | D | 72019 | 22.71 | | | 1 | Z | | | А |
| 1953-01-24 | | D | 72019 | 23.38 | | | 1 | Z | | | А |
| 1954-01-18 | | D | 72019 | 27.05 | | | 1 | Z | | | А |
| 1955-01-19 | | D | 72019 | 25.68 | | | 1 | Z | | | А |
| 1956-01-11 | | D | 72019 | 25.55 | | | 1 | Z | | | А |
| 1959-01-14 | | D | 72019 | 27.42 | | | 1 | Z | | | А |
| 1988-02-10 | | D | 72019 | 43.53 | | | 1 | Z | | | А |

| Explanation | | | | | | | |
|--------------------------------|---------|---|--|--|--|--|--|
| Section \$ | Code \$ | Description | | | | | |
| Water-level date-time accuracy | D | Date is accurate to the Day | | | | | |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet | | | | | |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet | | | | | |
| Parameter code | 72019 | Depth to water level, feet below land surface | | | | | |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 | | | | | |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 | | | | | |
| Status | 1 | Static | | | | | |
| Method of measurement | Z | Other. | | | | | |
| Measuring agency | | Not determined | | | | | |
| Source of measurement | | Not determined | | | | | |
| Water-level approval status | А | Approved for publication Processing and review completed. | | | | | |

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Appendix B Field Data & Soil Profile Logs



Sample Log

Date.

Project: Chicago 9-8 Wo HE Fee Con 1

Project Number:

15066 Latitude: 32.233468 Longitude: -104.08525

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|--------------------------|----------|--------------------------|-----|
| FIL II | None | 440 | |
| FIZ @ 11 | None | 280 | |
| 3011 | None | 280 | |
| 409 | None | 200 | |
| 15 0) 1 | NONE | 352 | |
| 6 2 9 | Nour | 440 | |
| SWI | New | 200 | |
| -9@ II | NORDA | 488 | • |
| WIE | None | 440 352 | |
| [M] | NONA | | |
| 11 @ 12 | Non | 440 | |
| 12012 | NONE | 488 | |
| 701 | Non | 488 | |
| 19611 | NOME | 536 | |
| EW2 | - | 1384 - 1164 - 900 - 576 | |
| FS 10011 | - | 432 | |
| 516e11: FS16e12 | | 704-316 14 18 19 | |
| S17ell. FS17e12. FS17e13 | · - | 592.248.680.1144.680.488 | |
| -S 18e11' | - | 483 | |
| JW2 | | | |
| AT AT AS | - | All A | |
| Prototo TFSale7 | - | 476 | |
| 50 FS2707' | - | 312 | |
| 52655 FS 2007 | - | 348 | |
| Samen'FSale7 | - | 276 | |
| F\$ 2807' | - | 312 | |
| FS19e7:FS19e8 | - | 128-476 | |
| FS22@7:FS2208 | - | 740.524 | |
| The FSa3e7 | ~ | 348 | |
| FS24e7 | ~ | 312 | |
| FS25e7 | - | 476 | |
| FS 2907 | - | 348 | |
| r S 30e7' | - | 524 | |
| FS 3107 | - | 476 | |
| rs 32e7 | - | 524 | |
| EW30 | - | 212 | |

Floor = FL #1 etc WW 3

+134 Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



Sample Log

Dat:

Project: Chicago 9-8 WOHE Fee Coal H Project Number: 15066

Latitude: 32.233468 Longitude: -104.08575

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|--|----------|---|---|
| | | | |
| | | | |
| FS35e8 | | 1 . · · 524 | |
| | | | |
| WW84 | | >2+32-800-524-WN4+524 | |
| F33707 | - | | |
| FS 38°7 | ~ | 524 | |
| FS 390 | - | 432 | |
| FS40=8-FS40=7 | | 1.224-524 | |
| EW4 | | 13.47 | |
| FW2A | ~~~ | 432 | |
| WW2A | - | 524 | |
| FS 17019 | | P 432 | |
| FS4le7 | · | 524 | |
| FS42e7 | | 476 | |
| F543e7 | | 476 | |
| FS 44e7 | | 343 | |
| F545e7 | | 212 | |
| 1=54607' | | 432 | |
| F34727' | - | 524 | |
| FS 48@7 | | 244 | |
| FS4927' | | 312 | |
| FS 50e7' | - | 476 | |
| FS51c7' | | 312 | H 4381 10 100 101/1- |
| FS 52 09:011:0 13:014:015 FS 5309:00 11:00 13:014:015 | | 1068-756-900-900-900-6-1124 | e17 1292.18 1292 e19259 |
| FS 5367 6 136 39010-015 | | 1065-800-1044-1124-832e16 1044 996-476 | e17'900-18'1124 e191/2' 588 |
| FS 542 6 1/2 · 29 FS 55 - 6 /2 · 271/2 · 9 | | 680-680-476 | |
| $\frac{1}{2} \frac{5}{2} \frac{3}{2} \frac{3}{2} \frac{7}{2} \frac{7}{2} \frac{1}{2} \frac{1}$ | | 576 | |
| FS 51061/2 FS 57061/2 | | 576 5004 352 | |
| Falt | | 860.800.972.1292.1124-1204.120 | L |
| FS58e7 | | 1-88 | |
| FS 59 e7 | | 440 | <u> </u> |
| FSGOETK | | 488 | <u> </u> |
| F5 61 @ 7 1/2' 1 010 | | 900-768.396 | |
| F562@81/2:71/2:09:010 | | 1204-900-1124-704-011-316 | |
| Sample Point = SP #1 @ ## etc | L | | Resamples= SP #1 @ 5b or SW #1b |
| Floor = FL #1 etc $FS \notin 3^{\circ}$ Sidewall = SW #1 etc $WW S_{\dagger}$ $WW S_{\dagger}$ | 6% - | 1204e71/ Test Trench = TT #1@## 1124 e9 11 Refusal = SP #1@4'-R & 10 24 2) | -346 Stockpile = Stockpile #1 |
| Sidewali = SW #1 etc (1) <. | | Soil Intended to be Deferred = SP #1 @ 4' In-Situ | GPS Sample Points, Center of Comp Areas |
| Sidewall = SW #1 etc WW 5+ EW EV EV St-35 | 7 | | |
| | × | | |
| 606 | | | |
| 4 | | | |



Sample Log

Date:

Longitude:

4/20/22

Project: Chicago 9-8 WOHE Fee Com 1 Project Number: 15066 Latitude:

32.233468

-104.08525

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|--|----------|---|---|
| FLI e 6' | Yis | 8.4 72572 | |
| FLI P.7 | | 7.2 2044 | 1 |
| FU @ 7.5' | ~ | 7.0 1920 | |
| FLIC 8.5' | - | 6.8 1768 | |
| rii a al | <u> </u> | 66 1648 | |
| FI C ID | | 66 1648 | • |
| WIN C 10 | | 1,7 7,049 | |
| SINI Cin | - | 9,0 72572 | |
| WWIL C.J' INWIC @ 101 WWIJ @ AMID | | 6.4 1532 | |
| INWIC @ IN | | 6.2 1418 5.9 924 | |
| WWID COMPID | | 5.2 924 | |
| WWID THE CIO' | ~ | | |
| WWID CONNID WWID STOR CIO' WWIE CID' | | 5.2 996 | Alt tist of Liwin |
| | | 11.6-768 | |
| FL 2 min 11 for- | | A 4 535 / | |
| | | 20 352/FS7006 | 352 |
| FS67e4°6 | •••- | 768.536 | |
| WW5 | | 2584-22584.316 | |
| F568e4250 | ~ | 768.536 | |
| F567e4' | | 536 | |
| F5664'65'667 | ~ | 768.592-648.900 | |
| FS2524 | <u> </u> | 488 | |
| FSE4e4 | | 352 | |
| EWSAL | - | 536 | |
| WW 5+6 | | 900 | |
| FS7704'06 | - | 832-488 | |
| FS 76=4 FS 75=4=5 | - | 488 | |
| | - | 592.396 | |
| FS74e4 | ~ | 488 | |
| FS 7304 | - | 244 | |
| FSTIPL | - | <u>592.588?</u> 400 | <u>+</u> |
| EW5 69 | - | 356 | |
| -584e59000e8' | - | 1544:536 | |
| FS 870 5 0 2 1/2' | - | 756-536 | <u> </u> |
| h/1/6? | - | 488 | |
| Sample Point = SP #1 @ ## etc | 1 11 | | Resamples= SP #1 @ 5b or SW #1b |
| Floor = FL #1 etc FS & 2 e 4 | | f (f Test Trench = 11 #1 @ ## Refusal = SP #1 @ 4'-R | Stockpile = Stockpile #1 |
| Sidewall = SW #1 etc $FS8 e4$ | , Ľ | | GPS Sample Points, Center of Comp Areas |
| Sidewall = SW #1 etc Muter Juis for 52153 +16 | VI2 2 | | · · ····· |
| MATE UNISTE UNIST | | | |
| Geo Ce | | | |
| V V | | | |



Sample Log

Date:

| Project: | Chica | 309-8 | WOHE | Feeloml | |
|-------------|-------|-------|------|---------|------|
| Project Num | ber: | 150 | 166 | | Lati |

itude: 32.233488

Longitude: -(04.08525

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|---|----------|--------------------------|---------------------------------|
| FS 80 e 4 | - | 400 | |
| FS79e4 | | 536 | |
| EW6 | - | 880.536 | |
| FS78e4'e5' FS91e5 FS90e5 | - | 171.356 | |
| FS9105 | | 356 | |
| FS90e5 | | 356 356 488 | |
| WW 6 | | 488 | |
| FS 89041/2 | | 356 | |
| WW 6 FS 89 e 4 1/2 FS 88 e 4 1/2 FS 87 e 3 FS 86 e 3 | | 356 444 | |
| FS 8703' | | 400 | |
| FS 8603 | - | 400 | |
| FS 0605 EW 6 FS 9 20366 FS 9303 FS 9403 FS 9503 FS 9603 WW7 FS 9705244084 | | 536 | |
| FS920366 | | 3360-536 | |
| FS93e3 | - | 488 444 444 | |
| FS94e 3 | - | 1444 | |
| FS9503' | - | 1444 | |
| FS96e3 | | 356 2188-1020-696 | |
| WW7 | | 2188-1020 696 | |
| FS97e5e61/2081/2 FS98e41/2 FS99031/2 FS100031/2 | - | 2616-1176-356 | |
| FS98041/2 | | 244 | |
| FS990312 | | 280 | |
| FS 100e31/2 | | 400 | |
| $FS 101e 2 \frac{1}{2}$ $EW7^{23}$ $WW7^{23}$ | | 536 | |
| EW7 ²³ | - | 1544.1896.400 | |
| WW7" | | 488 | |
| FS102051/2 FS10202041/2 FS104021/2 FS104021/2 | - | 212 | |
| FS103e2e4/2 | ~ | 176-536 | |
| FS 104021/3 | - | 180 | |
| FS 1050 21/2' | | 316 | |
| EW7+ | | 1348-1096-400 | |
| FS106c21/2 | - | 400 | |
| FS 10704'05 1/2'06 1/2 | - | 948.850 | |
| BOODFOR EN 8? | | 880-244 | |
| FS108-3'051/2 | | 948+396 | |
| FS 109030512' | | 816.488 | |
| FS 110021/2 | | 696-400 | |
| Sample Point = SP #1 @ ## etc | | Test Trench = TT #1 @ ## | Resamples= SP #1 @ 5b or SW #1b |

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R

Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1

Floor = FL #1 etc

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas





3 au <u>756</u> 76

Sample Log

Date:

| Project: | Chicago 98 | NOHE ! | Fee Sper | | |
|-------------|------------|--------|----------|-----------|--|
| Project Num | ber: | 15011 | , ū | Latitude: | |

<u>32.233468</u> Longitude: <u>-104.08525</u>

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|--|---------------|---|--|
| FSIIIe21/2+5 FSII2e4'=5'e6 FSII2e3'=5 FSII4e21/2 041/2 FSII5e21/2041/2 | | 948-396 | |
| FS 112 e 4 e 5 e 6 | | 1772-816-400 | |
| FS 11 3e 3'e 5 | | 880-444 | |
| FS 114 e 21/2 e 41/2 | | 816 - 488 | |
| FS 11502 1/2 41/2 | - | 880 - 536 | |
| | - | 400 | |
| FS11604 FS11704 05 FS118031/205 | - | 536 | |
| FS 117e4 e5 | ↓ | 588.444 | |
| FS118031205 | | 816-444 | |
| NW1+ | | 400 | <u></u> |
| FS119c5 | | | |
| WW8 | | 400 | |
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| Sample Point = SP #1 @ ## etc | | Test Trench = TT #1 @ ## | Resamples= SP #1 @ 5b or SW #1b Stockpile = Stockpile #1 GPS Sample Points, Center of Com ⁷ |
| Floor = FL #1 etc | | Refusal = SP #1 @ 4'-R | Stockpile = Stockpile #1 |
| Sidewall = SW #1 etc | | Soil Intended to be Deferred = SP #1 @ 4' In-Situ | GPS Sample Points, Center of Com ^r |
| | | | |
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Soil Profile

| Environmental & Sufety Solutions, Inc | | | | Date: | |
|--|---|---|---|---|---|
| Project: Chicago 9-8 W Project Number: | VOHE Fee Com 1 15066 | Latitude: | 32.233468 | Longitude: | -104.08525 |
| Depth (ft. bgs) | Celich | e | De | scription | |
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Appendix C Photographic Log









| Photo Number: | |
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| 7 | |
| Photo Direction: | |
| Northeast | |
| Photo Description: | |
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| View of the | |
| affected area | |
| (12/24/2021 Release) | |
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Received by OCD: 9/2/2022 2:54:04 PM



| 8 | |
|----------------------|--|
| Photo Direction: | |
| Southeast | |
| Photo Description: | |
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| View of the | |
| affected area | |
| (12/24/2021 Release) | |
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Photo Number:









| Photo Number: | |
|---|---------------------------------|
| 13 | |
| Photo Direction: | |
| | |
| Northeast | |
| Photo Description: View of the excavated area | 132 233425 - 104 0865 Ho HOLOUT |



| Photo Number: | |
|---|--|
| 15 | |
| Photo Direction: | |
| Northwest | 5/26/22, 9:02 AM |
| Photo Description: View of the excavated area | 5/26/22, 9:02 AM 132-233192, 104.086056 ±5.00m 303° NW |

| Photo Number: | | |
|-------------------------------|--|-------|
| 16 | | |
| Photo Direction: | | |
| South-Southwest | 5/26/22.9:0 | 03 AM |
| Photo Description: | 5/26/22, 9:0 +32.233811,-104.085799 ±30 | 0.00m |
| View of the excavated area | | 97 S |





| 6/13/22, 1:54 PM |
|---|
| 6/13/22, 1:54 PM +32.233448,-104.086426 ±10.00m 11° N |
| |



Appendix D Laboratory Analytical Reports



January 28, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FED COM 1

Enclosed are the results of analyses for samples received by the laboratory on 01/24/22 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: NH 1 @ SURFACE (H220266-01)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | QR-03 |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | QR-03 |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | QR-03 |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 01/26/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.4 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: NH 1 @ 1' (H220266-02)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 01/26/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 75.4 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: NH 2 @ SURFACE (H220266-03)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 368 | 16.0 | 01/26/2022 | 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.1 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: NH 2 @ 1' (H220266-04)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 01/26/2022 | 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 75.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EH 1 @ SURFACE (H220266-05)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 01/26/2022 | 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 75.1 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EH 1 @ 1' (H220266-06)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| 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 | 01/26/2022 | 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.5 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EH 2 @ SURFACE (H220266-07)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 01/26/2022 | 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.7 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EH 2 @ 1' (H220266-08)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.2 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SH 1 @ SURFACE (H220266-09)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.4 | % 69.9-14 | 0 | | | | | | |
| 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 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.6 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SH 1 @ 1' (H220266-10)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.8 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.1 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SH 2 @ SURFACE (H220266-11)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | 11.3 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.1 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SH 2 @ 1' (H220266-12)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| 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 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.2 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 69.5 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WH 1 @ SURFACE (H220266-13)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.8 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WH 1 @ 1' (H220266-14)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.0 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WH 2 @ SURFACE (H220266-15)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.3 | % 69.9-14 | 0 | | | | | | |
| 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 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.7 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WH 2 @ 1' (H220266-16)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| 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 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 69.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 60.8 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 1 @ SURFACE (H220266-17)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 11800 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | 102 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.4 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 1 @ 1' (H220266-18)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.0 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 2 @ SURFACE (H220266-19)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 11800 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 204 | 102 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 187 | 93.4 | 200 | 3.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 74.5 | % 59.5-14 | 2 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 2 @ 1' (H220266-20)

| 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 | 01/27/2022 | ND | 2.14 | 107 | 2.00 | 1.49 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.26 | 113 | 2.00 | 0.507 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.08 | 104 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.47 | 108 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 196 | 98.0 | 200 | 8.76 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 202 | 101 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.2 | % 59.5-14 | 2 | | | | | | |

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 3 @ SURFACE (H220266-21)

| 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 | 01/27/2022 | ND | 2.13 | 107 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.19 | 110 | 2.00 | 0.630 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.06 | 103 | 2.00 | 1.56 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.44 | 107 | 6.00 | 2.61 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 560 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 196 | 98.0 | 200 | 8.76 | |
| DRO >C10-C28* | 19.3 | 10.0 | 01/27/2022 | ND | 202 | 101 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.3 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 3 @ 2' (H220266-22)

| 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 | 01/27/2022 | ND | 2.13 | 107 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.19 | 110 | 2.00 | 0.630 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.06 | 103 | 2.00 | 1.56 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.44 | 107 | 6.00 | 2.61 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 196 | 98.0 | 200 | 8.76 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 202 | 101 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.4 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 4 @ SURFACE (H220266-23)

| 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 | 01/27/2022 | ND | 2.13 | 107 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.19 | 110 | 2.00 | 0.630 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.06 | 103 | 2.00 | 1.56 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.44 | 107 | 6.00 | 2.61 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1440 | 16.0 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 196 | 98.0 | 200 | 8.76 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 202 | 101 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.2 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.0 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 01/24/2022 | Sampling Date: | 01/24/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 01/28/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FED COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SP 4 @ 3' (H220266-24)

| 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 | 01/27/2022 | ND | 2.13 | 107 | 2.00 | 4.69 | |
| Toluene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.19 | 110 | 2.00 | 0.630 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/27/2022 | ND | 2.06 | 103 | 2.00 | 1.56 | |
| Total Xylenes* | <0.150 | 0.150 | 01/27/2022 | ND | 6.44 | 107 | 6.00 | 2.61 | |
| Total BTEX | <0.300 | 0.300 | 01/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| 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 | 01/26/2022 | ND | 432 | 108 | 400 | 7.69 | |
| 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 | 01/27/2022 | ND | 196 | 98.0 | 200 | 8.76 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/27/2022 | ND | 202 | 101 | 200 | 3.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.9 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
|-------|---|
| 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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| ompany Name: | : Etech Environmental & Safety So | 2476 lution | s, In | C. | T | B | LL TO | | | | | |
|--|--|----------------|------------|--|-------------------|------------------------------------|--------|------|----------|---------|---------|------------------|
| roject Manager | " Joel Lowry | | | | P. | O. #: | | | T | 1 | 1 | ANALYSIS REQUEST |
| ddress: 2617 | 7 West Marland | | | | Co | ompany k | Leutow | ne | 1 | | | |
| ity: Hobbs | State: NM | Zij | o: 88 | 240 | At | tn: | | | | | | |
| | 5) 264-9884 Fax #: - | | | | Ad | idress: " | | | | | | |
| roject #: 150 | | | hew | bourne | Ci | ty: | | | | | | |
| | theory 9-8 wolls Fed co. | - 1 | | | Sta | ate: | Zip: | | e | (8015M) | 18 | |
| roject Location | : Rural Eddy co, NM | | | | Ph | ione #: | | | Chloride | 801 | (8021B) | |
| and the second day is not second as a second day is a second day of the second day o | Migue 1 Ramivez | _ | - | | Fa | x #: | | | Ch | Hd1 | BTEX | |
| FOR LAB USE ONLY | | 0 | | MATRIX | | PRESERV | SAMPL | ING | | 1 | 81 | |
| | | OR (C)OMP | SS | TER. | | | | | | | | |
| Lab I.D. | Sample I.D. | DR (C | CONTAINERS | GROUNDWATER WASTEWATER SoiL DIL | | OL SE: | | | | | | |
| | | G)RAB (| NTA | STEV | SLUDGE OTHER : | ACID/BASE ICE / COOL OTHER : | | | | | | |
| 1220266 | | | # CC | GRO WAS SOIL OIL | SLU | ACIL | DATE | TIME | | | | |
| 1 | NHI @ surface | 4 | 1 | x | _ | X | 1/24/2 | | X | X | X | |
| | NHIPI | -11 | 1) | | | 1: | + | | 1 | + | 1 | |
| 3 | NH ZQ Surface | -11 | 11 | · · · · | - | | | | 11 | 1 | | |
| 4 | NH2 Q1' EHIQSURFace | +1 | 11 | | - | | | | +++ | ++ | ++ | |
| C | EHIPI | -11 | 11 | | | | | | | ++ | ++ | |
| 5 | EHZ@surfea | 11 | | | - | | | | | ++ | ++ | |
| 8 | EHZ@1' | | | | | | | | | ++ | ++ | |
| 9 | LO SHI@surface | | | | | | | | | 11 | 11 | |
| 10 | SHI@I' Demages. Cardinar's listelity and client's exclusive remedy fo | 1 | 14 | V | | V | V | | V | V | Y | |

Released to Imaging: 2/9/2023 8:09:40 AM

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Page 90

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 28 of 29

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

| roject Manage: Jec. L Guory datas: 2817 West Mutand ity: Hobs: State: NM Zip: 88240 hours #: (57) 289-984 Fax #: roject Is: [15016 Project Owner: Methodowner Project Mana; C Licago q. e. C Woh F Fedram I roject Location: Run L Eddy, ce, Mm manplet Ame: Mig ve //Rem rinc Mig ve //Re | Company Name: Etech Environmental & Safety Solu | itions, Inc. | BILL TO | | | | | ANALYSIS REQUEST | |
|--|--|---|--|-----------------------|---------|--------|--------|---------------------------------|---|
| Ing: Hobbs State: NM Zip: 38240 Indire S: (37) 284-9884 Fax 8: Indire S: (57) 284-9884 Fax 8: Indi | Project Manager: Jec 1 Lowry | | P.O. #: | | | | | | T |
| home #: (375) 204-9884 Fak #: Audress: roject #: (575) 204-9884 Fak #: Busice: #: [19] ampier Name: Mily de //Rem i rec Fak #: Busice: #: [19] ampier Name: Mily de //Rem i rec Fak #: Busice: #: [19] [19] Audress: Bission Bis | Address: 2617 West Marland | | Company Mento | | | | | | |
| roject Name: Project Owner: Markebourne City: State: Up: Up: <td>City: Hobbs State: NM</td> <td>Zip: 88240</td> <td colspan="3"></td> <td></td> <td></td> <td></td> <td></td> | City: Hobbs State: NM | Zip: 88240 | | | | | | | |
| roject Name: Chicago g. E. Wohl & Fredom I. State: Zp: grant and the second and t | hone #: (575) 264-9884 Fax #: | Address: | | | | | | | |
| Lab I.D. Sample I.D. Organization ADDATE Time | Project #: 15066 Project Owne | . Menbourre | City: | | | | | | |
| Lab I.D. Sample I.D. Organization ADDATE Time | roject Name: Chicago a. & WOHE Fe | d com 1 | State: Zip: | | e | PM) | 18 | | |
| Lab I.D. Sample I.D. Organization ADDATE Time | Project Location: RURLI Eddy CO, NM | | Phone #: | | orid | 801 | (802 | | |
| Lab I.D. Sample I.D. Organization ADDATE Time | Sampler Name: Migue 1/20mine | | Fax #: | | Chi | H | EX | | |
| BUDDING W | FOR LAB USE ONLY | MATRIX | PRESERV. SAMPI | ING | | d L | BT | | |
| 1/2 5H2 @ surface G X I 2H/2 X X 1/2 5H2 @ surface III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | | AB AB | ACID/BASE: ACID/BASE: CE / COOL OTHER : | TIME | | | | | |
| 1/2 SH 2 @ 1' 1/3 WH 1@ Surface 1/4 WH 1@ 1 1/4 WH 1@ 1/ 1/4 WH 2@ Surface 1/5 SH 2@ 1/ 1/5 Suff 2@ 1/ 1/6 Suff 2@ 1/ 1/7 Suff 2@ 1/ 1/8 Suff 2@ 1/ 1/7 Suff 2@ 1/ 1/8 Suff 2@ 1/ 1/8 Suff 2@ 1/ 1/8 Suff 2@ 1/ 1/8 Suff 2@ 1/ <td></td> <td></td> <td></td> <td>Ł</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>1</td> | | | | Ł | X | X | X | | 1 |
| 1/1 WH 102 1' 1/2 WH 20 Surface 1/3 SP 102 1' 202 SP 102 1' 203 SP 102 1' 204 202 204 202 204 203 205 C 20. SC Sample Condition | 12 SH2@1' | 1111 1 | 1:11 | |) | 1 | | | |
| 1/1 WH 102 1' 1/2 WH 20 Surface 1/3 SP 102 1' 202 SP 102 1' 203 SP 102 1' 204 202 204 202 204 203 205 C 20. SC Sample Condition | 13 WH 1@ Surface | | | | | | | | |
| If will a C I i If will b C I i | 14 WH 101 | | | | | | 11 | | |
| 17 SP 1 (C SUVFACE 18 SP 1 (C 1) 19 SP 2 (C 1) SAFE POTE: Leading and for registree and any other sectual remember of any data interaction of the state of the instance of t | 15 WH 2@ Surface | | | | | | ++ | | |
| 18 SP 1.01 19 SP 2.05.01 flact 20 SP 2.01 AND Provide the set of the set o | | | | | -++ | | -++ | | |
| 19 SP2_0_SUIFACE 20 SP2_0_SUIFACE 21 SP2_0_SUIFACE 22 SP2_0_SUIFACE 24 SP2_0_SUIFACE 25 SP2_0_SUIFACE 24 SP2_0_SUIFACE 25 SP2_0_SUIFACE 24 SP2_0_SUIFACE 25 SP2_0_SUIFACE 26 Second subset of details wind wind unstailing under the unsequence of products and unsequence of consequence of consequence of consequence unsequence of consequence of consequence of consequence of consequence of consequence of consequence unsequence of consequence of consequence | | +1+1 1 | | | -++ | + | ++ | | |
| 22 SQ 2 Q 1' ASE NOTE: Looking with Darwages Cardian's isolative and their sectance remember for any dation of their gard researce in the open and withing and measure to be anount paid of the involute paid cardian isolation. See NOTE: Looking with Darwages Cardian's isolative and their sectance without the deemode without measure motion in the open and withing and measure to by Cardian within 20 days are explicited. See Note: In origination of another cardian withing without limitation, course as intervoying of the access active, particular days and the open and the | | | | | -++ | + | -++ | | |
| hpses. It claims including those for insightence and any other cause materious with the dense of wells and recented by: Cardinal dense for insightence and any other cause with the dense of profile incurring within 20 days after completion of the aupticated by: Cardinal dense of insightence and any other cause within 20 days after completion of the aupticated by: Cardinal dense of insightence and any other cause within 20 days after completion of the aupticated by: Cardinal dense of insightence and any other cause within 20 days after completion of the aupticated by: Cardinal dense of insightence and any other cause insightence and any other and any other cause insightence any of the aupticate insightence any of the aupticate insightence and any other cause insightence any of the aupticate insightence | 24 582 121' | W LV | | | 10 | J | V | | |
| Received By: Date: Received By: Phone Result: Yes No Add'l Phone #: Date: Received By: Date: Received By: Phone Result: Yes No Add'l Fax #: Delivered By: 0:5:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0 | | | | | | | | | |
| Planguished By: Date: Received By: Phone Result: Yes No Add'l Phone #: Planguished By: Date: Received By: Planguished By: Plan | vice In no event enell Cardinal be liable for incidental or consequential damages, including | g.without limitation, owenerst interruptions, I | toos of use, or toos of prolits incurred by | | | | | | |
| Time: Delivered By: (Circle One) 3.8° C-0.5° Sample Condition Cool Cool Intact (Initiats) Joint Cool Joint Cool Intact | ellinguished By: Date: 1724-22 | | Oldaffel | Fax Result REMARKS | | C Yes | | | |
| Delivered By: (Circle One) 23.8° C-0.5° Sample Condition CHECKED BY: Please email copy of COC and results to pm@etechenv.com. ampler - UPS - Bus - Other: 33.3° 24/3 Yes Yes Yes FORM-006 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 Please email copy of COC and results to pm@etechenv.com. | // | Received By: | | Stan | dan | 9 | | | |
| FORM-006 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 | V | ~ 0 | | Please en | nail co | opy of | COC | and results to pm@etechenv.com. | |
| FORM-006 1 Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 | | | (Initials) | | | | | | |
| FORM-006 | | | YO. | | | | | | |
| | | | | written ch | ange | s to 5 | 5-393- | -2476 | |
| Revision 1.0 | Revision 1.0 | | gran rate to | | | | | | |

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<u>Page 29 of 29</u>

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Page

(575) 393-2326 FAX (575) 393-2476

| Company Name: Etech Environmental & Safety Solutions, Inc. | | BILL TO | | | | ANALYSIS | REQUEST |
|---|--|--|---|-----------|------------|--------------|----------------|
| Project Manager: Joel Lowry | | .0. #: | | | | | |
| Address: 2617 West Marland | Co | ompany Mubo | nou | | | | |
| City: Hobbs State: NM Zip: 882 | 40 At | ttn: | | | | | |
| Phone #: (575) 264-9884 Fax #: | Ad | ddress: " | | | | | |
| Project #: 15066 Project Owner: Mer | shoure ci | ity: | | | | | |
| Project Name: CWCongo 9.8 WOHE Fool Com 1 | | tate: Zip: | | e | (B) | | |
| Project Location: Rural Eddy co, MM | Ph | hone #: | | Chloride | (8021B) | | |
| Sampler Name: Miguel Ramine | | ax #: | | Chio Chio | X | | |
| FOR LAB USE ONLY | MATRIX | PRESERV. SAMPL | | 1 | BTEX | | |
| Lab I.D. Sample I.D. Haabaldo 21 SP3@ surface 23 SP4@ Surface 23 SP4@ Surface 24 SP4@ 3 | GROUNDWATER WASTEWATER WASTEWATER SOIL OIL SLUDGE OTHER: | ACIDIBASE: | TIME | | | | |
| Interaction or successors arrays to or retained to the performance of survices herewisker by Cardinal, repard Relinquished By: Chinquished By: Relinquished By: Chinquished By | i valaes made en velleg and recen on, ouseness insemptions, tots of ess of whether such clean is been of By: Mutual distributions of the second second of By: | event by Cardiesel within 30 days and of use, or loss of profiles incurring by teed upon any of the stores stated of Madded | er completion of the ap charm, is a subsidiaries, matters or otherwise. Phone Result Fax Result: REMARKS: GAM | i: | | Add'l Fax #: | @etechenv.com. |
| Sampler - UPS - Bus - Other: 23.3e #1 | | (Initials) | written cha | indes to | 575-393-24 | 176 | |



April 29, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 16:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 1 @ 11 (H221717-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.05 | 103 | 2.00 | 0.293 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.04 | 102 | 2.00 | 0.237 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 1.93 | 96.3 | 2.00 | 1.04 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 5.96 | 99.3 | 6.00 | 2.13 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 544 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK/ | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.0 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 184 | 91.8 | 200 | 2.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.3 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 2 @ 11 (H221717-02)

| BTEX 8021B | mg | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.05 | 103 | 2.00 | 0.293 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.04 | 102 | 2.00 | 0.237 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 1.93 | 96.3 | 2.00 | 1.04 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 5.96 | 99.3 | 6.00 | 2.13 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 512 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK/ | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.0 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 184 | 91.8 | 200 | 2.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.3 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 3 @ 11 (H221717-03)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.05 | 103 | 2.00 | 0.293 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.04 | 102 | 2.00 | 0.237 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 1.93 | 96.3 | 2.00 | 1.04 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 5.96 | 99.3 | 6.00 | 2.13 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 132 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 4 @ 9 (H221717-04)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 5 @ 9 (H221717-05)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 137 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 6 @ 9 (H221717-06)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 672 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 126 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 7 @ 11 (H221717-07)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 121 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 143 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 8 @ 11 (H221717-08)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 122 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 143 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 9 @ 11 (H221717-09)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 133 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 11 @ 12 (H221717-10)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 119 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 139 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FL 12 @ 12 (H221717-11)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Chloride | 320 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 136 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: SW 1 (H221717-12)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.7 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 1 (H221717-13)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 121 9 | 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 142 % | 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/26/2022 | Sampling Date: | 04/26/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 04/29/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 1 (H221717-14)

| 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 | 04/28/2022 | ND | 2.09 | 105 | 2.00 | 0.574 | |
| Toluene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.06 | 103 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2022 | ND | 2.07 | 103 | 2.00 | 0.415 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2022 | ND | 6.14 | 102 | 6.00 | 0.00863 | |
| Total BTEX | <0.300 0.300 | | 04/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 04/28/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2022 | ND | 188 | 94.2 | 200 | 2.69 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2022 | ND | 212 | 106 | 200 | 2.58 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 117 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 139 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| 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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 17 of 18

Released to Imaging: 2/9/2023 8:09:40 AM

(575) 202 2226 EAV (575) 202 24

| Company Name | Company Name: Etech Environmental & Safety Solutions, Inc. | | | | | BILL TO | | | | | | | | | ANA | LYS | is | REC | QUE | ST | | | | | | |
|---|--|-------------------|--------------|-------------|------------|---------------|---------------------------|-----------------------------------|------------|---------------|-------------------|----------------------|-------------|-------------|--------------|-------|------|------|-------|----|---|---|---|---|---|---|
| Project Manage | r: Joel Lowry | | | | | | | P.O. #: | | | | | | | | | | | | T | | | | | | |
| Address: P.C | | | | | | | | Com | pan | y: 1 | Etel | h | 1 | | | | | | | | | | | | | |
| City: Lovingt | on State: NM | Zip | : 882 | 260 | | | - | Attn | - | - 1 | | | 1 | | | | | | | | | | | | | |
| Phone #: (57 | 5) 396-2378 Fax #: (575) 3 | 396-1 | 429 | | | | -1 | Add | | : | | | | | | | | | | | | | | | | |
| Project #: | Project Owne | | - | _ | | | - | City: Hobbs State: NM Zip: 882 | | | | | 1 | | BTEX (8021B) | | | | | | | | | | | |
| Project Name: | Chicago 9-8 Wolle | | . (| OIM | I | | | | | | | 40 | | (WS | | 18 | | | | | | | | | | |
| Project Locatio | n: Rula) (ovina | the | | 20 | - (| | | Pho | | -43 | 20446 | 4450 | Chloride | TPH (8015M) | | 803 | | | | | | | | | | |
| Sampler Name: | 10. 100.001 | _ | | | | | | Fax | | | | . 120 | ĬĂ | H | | X | | | | | | | | | | |
| FOR LAB USE ONLY | | T | | | MA | TRIX | _ | - | - | ERV. | SAMPL | ING | Ĭ | E I | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | OIL | SLUDGE | OTHER : | ICE / COOI | OTHER : | DATE | TIME | | 1 | | T | | | | | | | | | | |
| HEAD IN I | FLI @11 | T | | | 1 | L | | T | | | | | 17 | II | T | | | | | | | - | | | | |
| 2 | FL2 QU | 1 | | | 1 | 1 | | | | | | | | | T | | | | | | | | | | | |
| 3 | FL 3 @11 | | | | 1 | 1 | | | | | | | 1 | 11 | | | | | | | | | | | | |
| 4 | FL4 Qg | | | | 1 | | | | | | | | 1 | 11 | | 1 | | | | | | | | | | |
| 5 | FLSEQ | | | | 1 | 1 | | | | | | | 1 | 11 | | | | | | | | | | | - | - |
| le | FL6Q9 | | | | 1 | | | | | | - | | 1 | 11 | 1 | | _ | | | + | | _ | | - | - | - |
| 7 | FLIQU | | | | 1 | | | - | | | | | 1 | 1 | 11 | | | | | - | _ | | | - | - | - |
| 8 | FLBQII | | | | - | X | | - | | | _ | - | - | 11- | 1 | - | | | + | - | - | - | - | - | - | |
| 9 | FL9 @11 | - | | | 1 | 1 | | + | - | - | | | 1 | V | K | | - | - | - | + | - | _ | - | - | - | |
| 10 | FL WIIQ 12 | | | | 1 | 1 | | | | India | | id by the close for | (the | 1 | Ľ | | | | | | | | | | _ | _ |
| PLEASE NOTE: Unbilly a analyses. All claims includ | nd Damages. Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be | deem | id walv | ed unle | ee made | in write | ng and | receive | d by C | ardinal w | ethin 30 days all | er completion of t | the applica | bie | | | | | | | | | | | | |
| afiliates or successors aris | Cardinal be liable for incidental or consequental damages, including out of or related to the performance of services hereunder by | Cardina | i, rega | rdiees o | of wheth | ar such | claim is | besed | upon a | any of th | e above slateci r | easons or otherw | | 0.4 | 100 | | | Add | Phor | | _ | _ | | | - | |
| Relinquished B | y: Date: | Re | ceiv | | By: | 1 | ~ | | | | | Phone Re Fax Resu | it: | | | | | | Fax | | | | | | | |
| Dong | Time: US | 5 | 4 | K | 26 | XE | 1 | 0 | 1 | 10 | M | REMARK | S : | | | | | | | | | | | | | |
| Relinquished B | ly: Date: | R | COI | ved | By: | | | 7 | 0 | | 0 | 1 | | | | | | | | | | | | | | |
| | Time: | - | | | | | | | | | | | | | | | • | | | | | | | | | |
| Delivered By Sampler - UPS | : (Circle One) 24.28 (C-C - Bus - Other: 23.88 # | 0,5 | 00 | 90 | Cool | e Col Inta | nditik ct Yes No | m | CI | HECK (Init | ED BY: | Please e | email I | resul | ts to | o pm | @et | eche | nv.co | m. | | | | | | |
| FORM-006 | | _ | _ | | | | | | han | ges. | Please fa | x written d | chang | es to | 575 | 5-393 | -247 | 6 | | | | | | | | |

Revision 1.0

Caro
ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 18 of 18

(575) 393-2326 FAX (575) 393-2476

| Company Name | Etech Environmental & Safety So | utions | s, Inc | 2. | | | | | BI | LL TO | | | | | ANAL | YSIS | REQ | UEST | | | |
|---|---|----------------------------------|---|--|---|---------------|--------------------------------|---------------------------------|---|--|---|---|-------------|--------------|------------|----------|-----|------|---|---|---|
| Project Manage | r: Joel Lowky | | | | | | P.C |). #: | | | | | | | | | | | | | |
| Address: P.C | | | | | | | Co | npa | ny: | Etel | ch | | | | | | | | | | |
| City: Lovingt | on State: NM | Zip | : 88 | 260 | | | Atta | n: | | | | | | | | | | | | | |
| Phone #: (57 | 5) 396-2378 Fax #: (575) | 396-1 | 429 | | | | Add | ires | s: | | | | | | | | | | | | |
| Project #: | Project Own | | | | | | City | <i>ı</i> : | Hok | 66 | | 1 | | | | | | | | | |
| Project Name: | Chicago 9-8 W n: Aural Louing 1 Dominic Casar | OHO | - 1 | fee | Con | 41 | | | | Zip: 892 | 240 | | TPH (8015M) | BTEX (8021B) | | | | | | | |
| Project Locatio | n: Aural Louins 1 | | | | | | Pho | one | 1:43 | 2 Udb | 4450 | Chloride | 801 | (80) | | | | | | | |
| Sampler Name: | Dominic Casar | 2 | | | | | Fax | | | | 1.0 | Ē | H | ŭ | | | | | | | |
| FOR LAB USE ONLY | | T | | | MAT | | | PRE | SERV. | SAMPL | ING | | 1 | BT | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | GROUNDWATER WASTEWATER | SOIL | OIL SLUDGE | OTHER : | ACID/BASE: | ICE / COOL OTHER : | DATE | TIME | | | | | | | | | | |
| BI | FL12@12 | - | 1 | | 1 | X | | - | | | | 1 | 1 | 1/ | | | _ | _ | | - | - |
| 12 | SWI | + | | | 1 | | \vdash | - | | | | 4 | 4 | 1/ | | | | _ | + | - | |
| 13 | What I | + | \vdash | | 1 | | \square | + | | | - | 17 | 1/ | 1/ | | \vdash | - | | + | - | |
| 14 | EWI | + | ⊢ | | - | | \vdash | - | - | _ | | + | ľ- | | | \vdash | -+- | + | + | - | |
| | | | ⊢ | | ++ | | | + | + | | | + | + | | | | - | - | | - | |
| | | + | ⊢ | | + | | \square | + | | - | - | + | + | | | | - | - | + | - | - |
| | | + | \vdash | | | | | | | | | | 1 | | | | - | | | - | |
| | | 1 | t | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| ensiyee. Al cleims includ envice. In no event shall d efflictes or successors and Relinquished B Relinquished B Delivered By | 42 124.3° Time: 124.3° Y: Date: Time: 110.448 : (Circle One) 24.3° - Bus - Other: 33.8° | Re Re Re Re Re Re | d weiver at limit d, rege sceit aceit | ed unless ston, busin rdiess of v ved B ved B ved B Sa Cc | made in incess inter whether a y: y: y: y: mple (bol in] Yes No | Conditional | d receiv toss of is base | and by C uses, or id upon | Cardinal w loss of pro- any of the CHECK (Initi | thin 30 days all other incurred by a above stated in ED BY: ights) | er completion of client, its subsidi essons or otherw Phone Re Fax Resu REMARK | the application, lies. Desult: lit: S: Permail (| □ Yı | s to pri | No Add'I I | | : | | | | |



May 04, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 04/29/22 16:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 6 @ 10' (H221792-01)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 05/03/2022 | ND | 416 | 104 | 400 | 3.77 | |

Sample ID: EW 2 (H221792-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS/ | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID 101 % 69.9-140

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 784 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/28/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 2 (H221792-02)

| TPH 8015M | mg | /kg | Analyz | ed By: MS | | | | | |
|-------------------------------|--------|-----------------|----------|--------------|----|------------|---------------|-----|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Surrogate: 1-Chlorooctadecane | 98.8 | % 59.5-142 | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 2 (H221792-03)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 880 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.4 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/28/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 10 @ 11' (H221792-04)

| BTEX 8021B | mg | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.5 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/28/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 16 @ 12' (H221792-05)

| BTEX 8021B | mg | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.6 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 17 @ 11' (H221792-06)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 800 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 99.2 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.7 | % 59.5-14 | 2 | | | | | | |

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/28/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 18 @ 11' (H221792-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 560 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.4 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 19 @ 8' (H221792-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 528 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 20 @ 7' (H221792-09)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 21 @ 7' (H221792-10)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.3 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 22 @ 8' (H221792-11)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 544 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.2 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 23 @ 7' (H221792-12)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 24 @ 7' (H221792-13)

| BTEX 8021B | mg, | ′kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 05/03/2022 | 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 | 05/02/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 25 @ 7' (H221792-14)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/03/2022 | 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 | 05/03/2022 | ND | 212 | 106 | 200 | 5.26 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/03/2022 | ND | 216 | 108 | 200 | 6.00 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/03/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.3 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 26 @ 7' (H221792-15)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 05/03/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/02/2022 | ND | 204 | 102 | 200 | 2.43 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 227 | 113 | 200 | 0.127 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 119 9 | 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 136 9 | 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 27 @ 7' (H221792-16)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 05/03/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/02/2022 | ND | 204 | 102 | 200 | 2.43 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 227 | 113 | 200 | 0.127 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 04/29/2022 | Sampling Date: | 04/29/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/04/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 28 @ 7' (H221792-17)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.95 | 97.7 | 2.00 | 6.05 | |
| Toluene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.94 | 97.1 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/02/2022 | ND | 1.84 | 91.8 | 2.00 | 6.26 | |
| Total Xylenes* | <0.150 | 0.150 | 05/02/2022 | ND | 5.75 | 95.8 | 6.00 | 5.70 | |
| Total BTEX | <0.300 | 0.300 | 05/02/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/03/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/02/2022 | ND | 204 | 102 | 200 | 2.43 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/02/2022 | ND | 227 | 113 | 200 | 0.127 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/02/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 123 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500CI-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

NoRush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1.12

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

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| 75) | 393-2326 | FAX | (575) | 393-2476 |
|-----|----------|-----|-------|----------|
|-----|----------|-----|-------|----------|

| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | | | BILL TO | | | | | | | 1 | ANALYSIS REQUEST | | | | | | | | |
|--|--|---|--------------------------------|----------------------------|--|--------------------|---------------------|-------------------------------------|---------------|--|---|-------------------------|--------------|------------------|---------|----------|---------|-------|------|------|---|---|
| Project Manager: Lance Creashaw | | | | | | | P.O. #: | | | | | | | | | | | | | | | |
| Address: 2617 W Marland | | | | | | | Con | npan | y M | enteur | ne | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88240 | | | | | | | Attn | : R. | 11:0 | Runel | 5 | | | | | | | | | | | |
| | 5) 264-9884 Fax #: | | | | | | | | | 1 Burne | | | | | | | | | | | | |
| Project #: 15 | 066 Project Ow | ner: R | lic | Run | rels | | City | : H. | bb. | 5 | - in age | | | | | | | | | | | |
| Project Name: (| Chicago 9-8 NOHE Fer n: Mawbourne Dil Compo | Can |) | H | | | Stat | e: N | M | Zip: 882 | 140 | | (W) | (8021B) | | - 1 | | | | | | |
| roject Locatio | n: Manhaurae Dil Campa | aul | -t- | -1 | | - | - | ne # | | | 10 | Chloride | TPH (8015M) | 802 | | | | | | | | |
| Sampler Name: | Eric Mosica | ng_ | | | | - | Fax | | | | | h | H (8 | X | | | | | | | | |
| FOR LAB USE ONLY | price jier | T | | | MATRO | K | - | RES | ERV. | SAMPLI | ING | | E | BTEX | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER WASTEWATER | SOIL | SLUDGE | OTHER : | ACID/BASE: ICE / 000L | OTHER : | DATE | TIME | | | | | | | | | | | |
| 1 | FS be 10 | С | 1 | | 1 | | | 1 | | 4.29.22 | | \checkmark | | | | | | | | | | |
| 2 | EW2 | С | 1 | | 1 | | | 1 | | 4-28-22 | - | 1 | 1 | 1 | | | | | | | | |
| 3 | WW2 | C | 1 | | 1 | | | V | 1 | 4.29.22 | | 1 | V | V | 1. | | | | | | | |
| 4 | FSIDell | C | 1 | | 1 | | | 1 | - | 4.28.22 | | 1 | V | ~ | | | | | | | | |
| 5 | FS 16012 | C | 1 | | 1 | | _ | 1 | 1 | 4-28-22 | | 1 | 1 | 1 | | | | | | | | |
| 4 | FS17011 | C | 1 | | 1 | | | 1 | | 4.29.22 | - | 1 | 1 | 1 | | | | | | | | |
| 7 | FS 18011 | C | 1 | | 1 | | | V | 1 | 4.28.22 | | V | 1 | V | | | | | | | | |
| 8 | FS 1988 | C | 1 | | 1 | | - | 1 | 1 | 4-29-22 | | ~ | V | ~ | | | | | | _ | - | _ |
| 1 | FS20e7 | C | 1 | | 1 | | - | 1 | | \rightarrow | | 1 | 1 | 1 | | | - | _ | | - | - | _ |
| 10 | FS2C7 nd Damages. Cardinal's liability and client's exclusive remedy (| C | 1 | | V | | | V | | / | | 1 | V | 1 | | | | | | | | _ |
| alyses. All claims includin rvice. in no event shall C | ing those for negligence and any other cause wheteoever shall ardinal be liable for incidental or consequental damages, inclu ing out of or related to the performance of services hereunder | be deemed ding without by Cardinal, | i waive I simital regard | d unless m tion, busine | ade in write as interrupt ather such | ng and ions, io | receive as of us | d by Ca le, or la | ntinel w | althin 30 days after offits incurred by c | r completion of the lient, its subsidian asons or otherwise | e applical Ies, e | | | No | Add'l Pi | | | | | | |
| P 1 | | | Cerv | eu By. | at | V | in | 4 1 | 0 | ٨٨ | Phone Res Fax Result REMARKS | t: | □ Ye □ Ye | | | Add'l Fa | | | | | | _ |
| elinquished B | Time: | Re | ceiv | ed By: | ur | | | u | | J | Please er | mail r | esults | and o | to vgo: | CoC | to pm/ | Øetec | henv | com. | | |
| | - Bus - Other: 11.00 # | | c , | Coo | Ves No | ct Yes | | CH | lECK Uniti | ED BY: | | | | | | | - Print | | | | | |

| ARDINAL LABORATORIES | No |
|-----------------------------------|----|
| 101 East Mariand, Hobbs, NM 88240 | |

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2.+2

(575) 393-2326 FAX (575) 393-2476

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E

| | Etech Environmental & Safety | Solutions | s, In | Ċ. | | | | | BIL | LL TO | | | | | | ANAL | YSIS | REC | UES | Г | | |
|---|--|--|-----------------------------|-------------------------|---|----------------------|-----------------------|-------------------|-----------------------|--|---|---|-------------|--------------|--------|----------------------|-------|------|--------|------|---|---|
| Project Manager: Lance Creashaw | | | | | | | P. | 0. #: | | | | | | | | | T | | | | T | |
| Address: 2617 W Marland | | | | | | | | Company Mewbourne | | | | | | | | | | | | | 1 | |
| tity: Hobbs State: NM Zip: 88240 | | | | | | | | tn:) | obbie | Ruggel | Pork D/rol | | | | | | | | | | | |
| Phone #: (575 | 5) 264-9884 Fax #: | | | | | | Ad | Idres | s: 480 | Brings | Port B/ro | | 1.1 | | | | | | | | | |
| Project #:) 5 | 066 Project O | wner: R | J.L. | R. | | | Ci | w.H | tobbs | | I | | | | | | 1 | | | | | |
| Project Name: (| There 9-8 LIDHE | Fact | 20 | IH | Arei | - | | | | Zip: 882 | 40 | | Ŵ | 18 | | | | | | | | |
| Project Location | 5066 Project O Chicago 9-8 WOHE m: Mewbourne Dil Con | Jee C. | 0 1 | 111 | | | - | none | | cip. o Uol | 10 | Chioride | TPH (8015M) | BTEX (8021B) | | | | | | | | |
| ampier Name: | Eric Mojica | pany | - | | | | - | | | | | भ | 1 (8) | × | | | | | | | | |
| FOR LAB USE ONLY | ErieMojica | - | - | - | MAT | RIX | Fa | IX #: | SERV. | SAMPLI | ING | ^o | 1 de | E | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | SOIL | OIL | OTHER : | | ICE / COQF OTHER : | DATE | TIME | | | | | | | | | | | |
| И | FS22e8 | C | 11 | | 1 | | | | 1 | 4.29,22 | | V | 1 | 1 | | | | | | | | |
| 12 | FS23@7 | c | 1 | | 1 | | | | 1 | / | | 1 | V | 1 | | | | | | | | |
| 13 | FS 24e7 | C | 1 | | 1 | | | | 1 | 1 | | V | V | 1 | | | | | | | | |
| 14 | FS25e7 | C | 1 | | 1 | - | | | 1 | / | | 1 | 5 | V | | | | | | | | |
| 15 | FS abe 7 | C | 1 | | 1 | | | | 1 | 1 | | 1 | V | V | | | | | | | | |
| 14 | FS2707 | С | 1 | | 1 | | | | 1 | / | | 1 | 1 | ~ | | | | | | | | |
| i) _ | FS 28e7 | c | 1 | $\left \right $ | 1 | - | + | | 1 | > | | 1 | 1 | 1 | _ | - | - | - | | | - | - |
| | | _ | | | | - | - | | | | | | | | | | - | - | - | - | 1 | |
| EASE NOTE: Liability an alyses. All claims includin rules in no event shall Co lines or successors and cellinguished By Car Million relinguished By | ng those for negligence and my other cause whistoever a section to finite for incidental or consequential damages, is ng out of or related to the performance of services herean y: $T = \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ | thell be deserve including without der by Cardina 2 2 Re 8 | d welv ut fimile ceiv | ad unless alion, but | a made in iness into whether a iv: Av | writing a muption | and rece s, loss o | if use, o | Cardinal wi | thin 30 days allo dis incurred by c | d by the client for completion of the lent, its subsidier resons or otherwise Phone Re- Fax Resul REMARKS | he applicat ries, se. sult: it: | Ve Ve | | | Add'l Pl Add'l Fa | | | | | | |
| Delivered By: Sampler - UPS | - Bus - Other: | | 00 | Sa C | ool I Yes | ntact | | | | | Please e | mail r | esults | and | сору о | f CoC | to pm | @ete | chenv. | com. | | |

Rush

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May 10, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/03/22 16:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 3 (H221851-01)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.18 | 109 | 2.00 | 1.16 | |
| Toluene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.14 | 107 | 2.00 | 1.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.08 | 104 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2022 | ND | 6.43 | 107 | 6.00 | 1.22 | |
| Total BTEX | <0.300 | 0.300 | 05/08/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/06/2022 | 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 | 05/10/2022 | ND | 198 | 98.8 | 200 | 5.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 207 | 104 | 200 | 5.77 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.4 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 3 (H221851-02)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.18 | 109 | 2.00 | 1.16 | |
| Toluene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.14 | 107 | 2.00 | 1.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.08 | 104 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2022 | ND | 6.43 | 107 | 6.00 | 1.22 | |
| Total BTEX | <0.300 | 0.300 | 05/08/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 198 | 98.8 | 200 | 5.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 207 | 104 | 200 | 5.77 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 29 @ 7' (H221851-03)

| BTEX 8021B | mg, | ′kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.18 | 109 | 2.00 | 1.16 | |
| Toluene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.14 | 107 | 2.00 | 1.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.08 | 104 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2022 | ND | 6.43 | 107 | 6.00 | 1.22 | |
| Total BTEX | <0.300 | 0.300 | 05/08/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 198 | 98.8 | 200 | 5.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 207 | 104 | 200 | 5.77 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.4 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 30 @ 7' (H221851-04)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.18 | 109 | 2.00 | 1.16 | |
| Toluene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.14 | 107 | 2.00 | 1.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.08 | 104 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2022 | ND | 6.43 | 107 | 6.00 | 1.22 | |
| Total BTEX | <0.300 | 0.300 | 05/08/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 198 | 98.8 | 200 | 5.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 207 | 104 | 200 | 5.77 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.5 | % 59.5-14 | 2 | | | | | | |

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 31 @ 7' (H221851-05)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.18 | 109 | 2.00 | 1.16 | |
| Toluene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.14 | 107 | 2.00 | 1.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.08 | 104 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2022 | ND | 6.43 | 107 | 6.00 | 1.22 | |
| Total BTEX | <0.300 | 0.300 | 05/08/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500CI-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 432 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 198 | 98.8 | 200 | 5.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 207 | 104 | 200 | 5.77 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.6 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 32 @ 7' (H221851-06)

| BTEX 8021B | mg, | ′kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.18 | 109 | 2.00 | 1.16 | |
| Toluene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.14 | 107 | 2.00 | 1.41 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2022 | ND | 2.08 | 104 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2022 | ND | 6.43 | 107 | 6.00 | 1.22 | |
| Total BTEX | <0.300 | 0.300 | 05/08/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 220 | 110 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 209 | 105 | 200 | 6.10 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.5 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 33 @ 7' (H221851-07)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/05/2022 | ND | 2.13 | 106 | 2.00 | 2.91 | |
| Toluene* | <0.050 | 0.050 | 05/05/2022 | ND | 2.12 | 106 | 2.00 | 2.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/05/2022 | ND | 2.08 | 104 | 2.00 | 3.06 | |
| Total Xylenes* | <0.150 | 0.150 | 05/05/2022 | ND | 6.42 | 107 | 6.00 | 3.34 | |
| Total BTEX | <0.300 | 0.300 | 05/05/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 220 | 110 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 209 | 105 | 200 | 6.10 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.6 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 34 @ 7' (H221851-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|----------------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.26 | 113 | 2.00 | 10.6 | |
| Toluene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.23 | 112 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.18 | 109 | 2.00 | 10.7 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2022 | ND | 6.72 | 112 | 6.00 | 9.79 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 220 | 110 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 209 | 105 | 200 | 6.10 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.0 % 66.9-13 | | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.3 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 35 @ 7' (H221851-09)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.26 | 113 | 2.00 | 10.6 | |
| Toluene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.23 | 112 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.18 | 109 | 2.00 | 10.7 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2022 | ND | 6.72 | 112 | 6.00 | 9.79 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 688 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 220 | 110 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 209 | 105 | 200 | 6.10 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.4 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/03/2022 | Sampling Date: | 05/03/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/10/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 36 @ 7' (H221851-10)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.26 | 113 | 2.00 | 10.6 | |
| Toluene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.23 | 112 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2022 | ND | 2.18 | 109 | 2.00 | 10.7 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2022 | ND | 6.72 | 112 | 6.00 | 9.79 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 560 | 16.0 | 05/06/2022 | 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 | 05/06/2022 | ND | 220 | 110 | 200 | 8.45 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2022 | ND | 209 | 105 | 200 | 6.10 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| 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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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Project Manager: Lance Creashow P.0.8: Project Manager: Lance Creashow P.0.8: Address: 2017 W Martand State: NM Zip: 88240 Autr. Rel/or Runce[] City: Hobbs State: NM Zip: 88240 Autr. Rel/or Runce[] Project Name: Chics.op 0 P.0.8: Address.HB Runce[] Project Name: Chics.op 0 P.8.10 Project Owner: Rel/or Runce[] Runce[] Project Name: Chics.op 0 P.8.10 Project Owner: Rel/or Runce[] Runce[] Sampler Name: Chics.op 0 P.8.10 Project Owner: Rel/or Runce[] Runce[] Project Name: Chics.op 0 P.8.10 Project Owner: Rel/or Runce[] Runce[] Runce[] Lab I.D. Sampler Name: Chics.or Fax 6: Project Owner: Rel/or Runce[] Runce[] Runce[] Runce[] HZ218S1 Big | (575) 393-2326 FAX (575) 393- Company Name: Etech Environmental & Safety Sol | - | s, In | C. | - | | - | T | 20 | | BI | LL TO | | | ANALYSIS REQUEST | | | | | | | | | |
|---|--|------------|----------------------|----------|---------|---------|-----------|----------|---------|-------------------|-----------|--------------------|--|-------------|------------------|--------------|-------|--------|--------|------|-------|--------|---|--|
| Address: 2617 W Marland Company Mewbourne City: Hobbs State: NM ZIP: 88240 Atm: fic./size Revends Project 8: 15 0 2 1 5 Project Owner, Rubbic 8, march Address.Hill Buinnells, Blain Image: State: Address.Hill Buinnells, Blain Project 8: 15 0 2 1 5 Project 0wner, Rubbic 8, march State: Mdress.Hill Buinnells, Blain Image: State: Image: Sta | | | - | | | | | 1 | P.O. | *: | | | | 1 | | | | | | | | T | T | |
| City: Hobbs State: NM Zip: 88240 Ant:: Rebb: c. Bunnels Phone 8: (675) 284-9884 Pax 8: Address:HBI Builder Project 8: State: IM Sta | | | | _ | | | | d | Com | par | IN M | ewhow | ne | | | | | | | | | | | |
| Phone #: (575) 264-0984 Fax #: Address Hill Buildry Michael Ref Project R: 15 0 2 6 7 Project Owner: Robic Rimacli, City: Hobbs General Participant Phone #: Project Name: City: General Participant Phone #: State: //M ZIP: 988/440 General Participant Phone #: Project Coattor: M. Project Coampany Phone #: Fax #: Fax #: Fax #: Project Coattor: M. Project Coampany Fax #: Fax #: Fax #: Fax #: Fax #: Sampler Name: Eric Mojica Fax #: Fax #: Fax #: Fax #: Fax #: Fax #: Project Coattor: Marrier Fax #: Fax #: Fax #: Fax #: Fax #: Fax #: Coattor Marrier Fax #: | City: Hobbs State: NM | Zip | : 88 | 324 | 0 | | | 4 | Attn | Ro | hb. | e Runn | els | 1 | | | | | | | | | | |
| Project 8: 1 5 0 2 6 Project Owner: Robbic Runacl. City: Habbs Project Name: Chicksong 9-8 MOHE Fee Com H State: N/M Zip: 8 8.440 groups and the state of the state | Phone #: (575) 264-9884 Fax #: | | | | | | | 4 | Add | ress | 480 | 11 Busines | sP.k.Blva | | | | | | | | | | | |
| Project Name: Chice.go 9-3 WDHE Fee Com H State://M Zip: 8 8/440 gto 7 Project Location: Mewbourne Oil Company Phone 8: | Project #: 15866 Project Own | er: Ro | bbi | e | Run | nel | , | C | City | H | 056 | 5 | | | | | | | | | | | | |
| Lab I.D. Sample I.D. BUNNEL OF SALE BUNNEL OF SALE DATE TIME 1 E.W.3 C 1 V </td <td>Project Name: Chiccop 9-8 WOAF For</td> <td>C</td> <td></td> <td>H</td> <td></td> <td></td> <td></td> <td>S</td> <td>Stat</td> <td>e: /</td> <td>IM</td> <td>Zip: 88</td> <td>240</td> <td>9</td> <td>5M)</td> <td>21B</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Project Name: Chiccop 9-8 WOAF For | C | | H | | | | S | Stat | e: / | IM | Zip: 88 | 240 | 9 | 5M) | 21B | | | | | | | | |
| Lab I.D. Sample I.D. BUNNEL OF SALE BUNNEL OF SALE DATE TIME 1 E.W.3 C 1 V </td <td>Project Location: Mewbourne Oil Com</td> <td>anu</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>orid</td> <td>801</td> <td>80</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Project Location: Mewbourne Oil Com | anu | 4 | | | | | | | | | - | | orid | 801 | 80 | | | | | | | | |
| Lab I.D. Sample I.D. BUNNAL WARK WARK WARK WARK WARK WARK WARK WARK | Sampler Name: Eric Moiica | ~ | | | | | | F | ax | #: | - | | | - E | H | M | | | | | | | | |
| 1 EW3 C 1 4 4 5 5 3 7 1 4 | | | Г | F | 1 | MA | TRIX | Т | F | RES | ERV. | SAMPL | ING | | F | E | | | | | | | | |
| 1 E.W.3 C 1 4 4 5.3.2.2 4 <td< td=""><td></td><td>OMF</td><td>5</td><td>ŝ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>Ľ.,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | OMF | 5 | ŝ | | | | | | | | | | 1 | Ľ., | | | | | | | | | |
| 1 E.W.3 C 1 4 4 5.3.2.2 4 <td< td=""><td>Lab ID Sample ID</td><td colspan="2"></td><td>NATI</td><td>ATEF</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | Lab ID Sample ID | | | NATI | ATEF | | | | | | | | | | | | | | | | | | | |
| 1 E.W.3 C 1 4 4 5.3.2.2 4 <td< td=""><td>Cab I.D. Sample I.D.</td><td>AB OI</td><td>ITAI</td><td>IND</td><td>LEW.</td><td></td><td></td><td>B</td><td>× G</td><td>BAS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | Cab I.D. Sample I.D. | AB OI | ITAI | IND | LEW. | | | B | × G | BAS | | | | | | | | | | | | | | |
| 1 EW3 C 1 4 4 5 5 3 2 V | H721851 | G)R/ | CO | BROU | NAST | SOIL | E | SLUD | HIL | | DTHE | DATE | TIME | | | | | | | | | | | |
| Z WW3 C I | | | T | Ť | | 1 | | | Ť | 1 | 1 | 5.3.22 | | 1 | \checkmark | 1 | | | | | | | | |
| 4 FS 30 e 7 C 1 V | ZWW3 | С | 1 | | | 1 | | | | 1 | 1 | | | 1 | \checkmark | \checkmark | | | | | | | | |
| S FS 3/07 C I V <td< td=""><td>3 FS 2907</td><td>C</td><td>1</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td>V</td><td></td><td></td><td>-</td><td>1</td><td>1</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | 3 FS 2907 | C | 1 | | | 1 | | | | V | | | - | 1 | 1 | 1 | | | | | | | | |
| Image: All calls for indexes for regiones and souther remody for any claim aftaing whether based in contract or ford, shall be limited to the amount paid by the clarif for the amount paid by the clarif for the amount paid by the clarif or the amount paid by the clar | 9100-1 | - | 1 | | | 1 | | _ | + | Y | [| < | | 1 | 1 | 1 | | | | | | | _ | |
| 8 FS 34 c.7 C I | 5 5 3107 | C | 1 | ⊢ | - | V | | - | + | V | | \rightarrow | | 1 | V | | | | - | | | | | |
| 8 FS 34 c 7 C I | 6 FJ Sde 1 2 ES 220 7 | 6 | H | ⊢ | - | V | | | + | 1 | | \leq | | 1 | 1 | | - | | | - | | | | |
| 9 FS35e7 CIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | C FC 3407 | - | H | ┢ | + | V / | | + | + | V | 1 | \rightarrow | | V | V | | - | | | - | | + | - | |
| 10 FS 3 be 7' C V <td< td=""><td>0100107</td><td>_</td><td>H</td><td>t</td><td>+</td><td>V</td><td></td><td>+</td><td>$^{+}$</td><td>J</td><td>1</td><td>\leq</td><td></td><td>1</td><td>Y/</td><td>1</td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td>-</td></td<> | 0100107 | _ | H | t | + | V | | + | $^{+}$ | J | 1 | \leq | | 1 | Y/ | 1 | | | - | - | | | - | |
| service. In no event that Caddination be liable for Incidential or consequential damages, including utilitout limitation, business interruptions, tous of use, or loss of profile incurred by client, is subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Relinquished By: Relinquished By: Relinquished By: Date: Time: Time: Time: Time: Date: Date: Time: Date: Time: | 10 FS36e7 | c | ť | \vdash | 1 | V | | + | + | V | | > | | V | 1 | V | | | | | | | - | |
| service. In no event shall Caddenial be liable for Incidential or consequential damages, including villout limitation, business interruptions, tous of profile incurred by client, is subvisited reasons or otherwise. Add'I Phone #: Add'I Phone #: Services. In no event shall Caddenial be liable for Incidential or consequential damages, including villout limitation, business interruptions, tous of profile incurred by client, its subvisited reasons or otherwise. Relinquished By: Date: Time: Date: Date: Received By: Time: Time: | PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remody for analyses. All claims, including those for packages and any other came whitecame shall be | any clair | in arisi d weight | ing wh | other l | based | in con | ract or | lort, s | hall be d by C | limited i | to the amount per | d by the client for completion of t | the spelice | isle | | | | | - | | | | |
| Solution Solution Solution Fax Result: Yes No Add'I Fax #: Relinguished BV: Date: Received By: Received By: Time: Time: Time: | service. In no event shall Cardinal be liable for incidental or consequental damagee, includ | ng vilihos | ut limit | lation, | builte | ens int | eruplic | ms, loer | n of us | ie, or b | ons of pr | will incurred by a | lient, its subsidia | ties, | | | | | | | | | | |
| Time: Time: Time: Received By: Remarks: | Relinquished By: Date: | Re | ecei | ved | Ву | : | | | / | 2 | 21 | 11 | | | | | | | | #: | - | | | |
| Relinquished By: Time: | Time: 13 | 0 | | 1 | 211 | 11 | 14 | 1 | | N | Um | Kap | | | | | | 110011 | que n. | | | | | |
| Time: Please email results and conv of CoC to pm@etecheny.com | Relinquished By: Date: | Re | cei | ved | By | ; | <i>uu</i> | | R | 19 | | Je | | | | | | | | | | | | |
| Please email results and copy of CoC to pm@etecheny.com | Time: | - | | | | | | | | | | 1 | | | | | | | | | | | | |
| | Delivered By: (Circle One) / 59 0 | 0 | 0 | 1 | San | aple | Con | ditio | n | C | HECK | ED BY: | Please e | mail r | results | and co | opy o | of CoC | to pr | n@et | echen | v.com. | | |
| Delivered By: (Circle One) 6.5° C-0.5° Sample Condition CHECKED BY: Sampler - UPS - Bus - Other: 6.0° #13 Pres Pres No No No No TO - | Q.00) C- | 01 | عد | - | Cod | k | Intac | 1 | - | - | (Init | ials) | | | | | | | | | | | | |

Page 13 of 13



May 11, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/05/22 15:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/05/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 2 A (H221909-01)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: WW 2 A (H221909-02)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |

Sample ID: FS 17 @ 19' (H221909-03)

| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/05/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 4 (H221909-04)

| BTEX 8021B | mg, | ′kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.05 | 103 | 2.00 | 0.697 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.03 | 101 | 2.00 | 0.736 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.92 | 95.8 | 2.00 | 1.15 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 6.01 | 100 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2022 | ND | 191 | 95.7 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 199 | 99.6 | 200 | 6.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/05/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 4 (H221909-05)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.05 | 103 | 2.00 | 0.697 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.03 | 101 | 2.00 | 0.736 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.92 | 95.8 | 2.00 | 1.15 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 6.01 | 100 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2022 | ND | 191 | 95.7 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 199 | 99.6 | 200 | 6.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/04/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 37 @ 7' (H221909-06)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.05 | 103 | 2.00 | 0.697 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.03 | 101 | 2.00 | 0.736 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.92 | 95.8 | 2.00 | 1.15 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 6.01 | 100 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2022 | ND | 191 | 95.7 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 199 | 99.6 | 200 | 6.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.1 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/04/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 38 @ 7' (H221909-07)

| BTEX 8021B | mg | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.05 | 103 | 2.00 | 0.697 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.03 | 101 | 2.00 | 0.736 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.92 | 95.8 | 2.00 | 1.15 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 6.01 | 100 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2022 | ND | 191 | 95.7 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 199 | 99.6 | 200 | 6.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.1 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/04/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 39 @ 7' (H221909-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.05 | 103 | 2.00 | 0.697 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.03 | 101 | 2.00 | 0.736 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.92 | 95.8 | 2.00 | 1.15 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 6.01 | 100 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2022 | ND | 191 | 95.7 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 199 | 99.6 | 200 | 6.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/04/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 40 @ 7' (H221909-09)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.05 | 103 | 2.00 | 0.697 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.03 | 101 | 2.00 | 0.736 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.92 | 95.8 | 2.00 | 1.15 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 6.01 | 100 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2022 | ND | 191 | 95.7 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 199 | 99.6 | 200 | 6.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/05/2022 | Sampling Date: | 05/04/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/11/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 41 @ 7' (H221909-10)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.05 | 103 | 2.00 | 0.697 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.03 | 101 | 2.00 | 0.736 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.92 | 95.8 | 2.00 | 1.15 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 6.01 | 100 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/10/2022 | ND | 191 | 95.7 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/10/2022 | ND | 199 | 99.6 | 200 | 6.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/10/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez 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

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Page 154 of 272

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 11 of 11

| | (575) 393-2326 FA | | | | | | | | | | | _ | | | | | | | | | | | | | | - |
|--|--|-----------------------------|------------------|--------------|-------------|------------|------------|-----------|-------------------|------------|-----------|----------------|---------------|-----------|------------------|-------------|--------------|------|--------|--------|-----|--------|--------|---|---|---|
| | : Etech Environmenta | | ions | , Inc | 2. | | | | | | BI | ll to | | 2 | ANALYSIS REQUEST | | | | | | | | | | | |
| Project Manage | r: Lance Crensh | NW | | | | | | | P.O. #: | | | | | | | | | | T | T | T | | | | | |
| Address: 261 | 7 W Marland | | | | | | | | Company Mewbourne | | | | | | | | 1 | 1 | | | | | | | | |
| City: Hobbs | | State: NM | Zip | 88 | 240 | | | | Attn: | Ro | bbis | - Runn | 23 | | | | | | | | | | | | | |
| Phone #: (57 | 5) 264-9884 | Fax #: | | | | | | | Addr | ress | :480 | Busine | plakB | lud | | | | | | | | | | | | |
| Project #: 15 | Project #: 15066 Project Owner: Ribbie Runnels | | | | | | City: | Ho | ibbs | | | | | | | | | | 1 | | | | | | | |
| Project Name: | Chicago 1-8 WI | OHE Fee Co | m |) | - | | | | State | e:N | M | Zip: 88 | \$240 | | 0 | EM) | 118) | | | | | | | | | |
| Project Location | Chicago 9-8 WI |):1 Compan | 4 | - | | | | _ | Pho | | | | | | Chioride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| Sampler Name: | Eric Moiica | | > | | - | | | | Fax | #: | | | | | Chi | H | EX | | | | | | | | | |
| FOR LAB USE ONLY | | | | | - | M | ATRI | X | P | RES | ERV. | SAMP | LING | | | 1 | BT | | | | | | | | | |
| Lab I.D. | Sample I. | D. | (G)RAB OR (C)OMP | # CONTAINERS | GROUNDWATER | WASTEWATER | OIL | SLUDGE | OTHER : | ICE /-COOL | OTHER : | DATE | TIN | Æ | | | | | | | | | | | | |
| 1 | EWZA | | C | 1 | | J | | | | 1 | | 5.5.2. | 2 | | ~ | | | | | | | T | | | | |
| 2 | WWZA | | C | 1 | | V | 1 | | | 1 | 1 | | | | \checkmark | | | | | | | | - | | | |
| 3 | FS17e19 | | C | 1 | | V | 1 | | | 1 | 1 | / | 1 | | ~ | | | | | | | | | | | |
| 204097 | EW4 | | C | 1 | | V | 1 | | | 1 | | - | | | \checkmark | 1 | V | | | | | | | | | |
| 5 | WW4 | | C | 1 | | V | 1 | | + | 1 | | - | - | _ | \checkmark | 1 | V | | | - | - | | - | _ | | - |
| Q | FS37e7' | | C | 1 | | V | 1 | | + | V | | 5.4.2 | 2 | | 1 | 1 | 1 | | - | - | - | - | - | - | - | |
| 7 | FS 38e7 | | C | 1 | | V | 1 | | + | V | 1 | | - | _ | 1 | 1 | 1 | | - | - | - | - | - | - | - | - |
| 89 | FS 39e7 | | С | 1 | | 1 | 4 | | + | V | | - | | _ | ~ | 1 | \checkmark | | - | - | 1 | + | - | - | - | - |
| | FS 4007 | | C | 1 | 4 | 1 | 1 | | + | V | | 6 | - | _ | V | 1 | V | | - | - | - | + | + | + | - | |
| DLEASE NOTE: Linbility and | FS 4/ E7" a Damages. Cardinal's liability and clier | of auchies remarks for an | C | | | Y | | | c tort sh | V | limited t | o the amount o | aid by the cl | had for 1 | V | 1 | | - | | - | 1 | _ | | | | |
| analyses. All claims includi | | ause whatsoever shall be d | leemed | l vestre | ed unles | es mede | e in write | ing and i | received | i by Ca | urdinal v | | | | | ble | | | | | | | | | | |
| Relinguished B | as out of or related to the performance of | of services hereunder by Co | Indinal | regar | red l | wholes to | ar such | ctaim is | based | upon a | ny of the | e above stated | reasons or o | e Res | b | U Ye | s 🔲 | No | Add'i | Phone | #- | | | | | |
| | | Date: 5-5-22 | 0 | 1~ | 0 | | 10 | 10 | | 0 | 1 | \wedge | Fax R | | t: | D Ye | | No | | Fax #: | | | | _ | | - |
| Lin May | i. | Time: 1538 | | 81 | p | 50 | IK | 10 | γU | \cup | | X | TAL MU | ANNO | | | | | | | | | | | | |
| Relinquished B | V: | Date: | Re | ceiv | ved E | By: | | | | | | 0 | | | | | | | | | | | | | | |
| | | Time: | | | | | | | | | | | Pleas | se er | nail r | esulte | and | | of Col | Cton | m@e | etechr | env.co | m | | |
| Delivered By: (Circle One) 4.3° (C-D.5° Sample Con Cool Intag | | | | | nditio | m | CH | | ED BY: | 1 | | | | Corred C | - (4 - | | o to p | | | | | | | | | |
| | | 5.8c #11 | 3 | | 1 | | es Z | Yes | | 8 | (Initi | iais) | | | | | | | | | | | | | | |
| FORMO | | | | | | | | | and of | | | Diamort | | | | | 75 90 | 0.47 | | - | - | | | | | |

FORM-006 **Revision 1.0**

Received by OCD: 9/2/2022 2:54:04 PM



May 12, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/09/22 15:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 42 @ 7' (H221952-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.12 | 106 | 2.00 | 3.86 | |
| Toluene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.11 | 105 | 2.00 | 3.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.06 | 103 | 2.00 | 3.55 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2022 | ND | 6.38 | 106 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/10/2022 | 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 | 05/11/2022 | ND | 190 | 94.8 | 200 | 2.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 203 | 101 | 200 | 3.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 43 @ 7' (H221952-02)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.12 | 106 | 2.00 | 3.86 | |
| Toluene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.11 | 105 | 2.00 | 3.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.06 | 103 | 2.00 | 3.55 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2022 | ND | 6.38 | 106 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 05/10/2022 | 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 | 05/11/2022 | ND | 190 | 94.8 | 200 | 2.18 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 203 | 101 | 200 | 3.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 127 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 44 @ 7' (H221952-03)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.12 | 106 | 2.00 | 3.86 | |
| Toluene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.11 | 105 | 2.00 | 3.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.06 | 103 | 2.00 | 3.55 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2022 | ND | 6.38 | 106 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 05/10/2022 | 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 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 45 @ 7' (H221952-04)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.12 | 106 | 2.00 | 3.86 | |
| Toluene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.11 | 105 | 2.00 | 3.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.06 | 103 | 2.00 | 3.55 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2022 | ND | 6.38 | 106 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 05/10/2022 | 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 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.6 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 46 @ 7' (H221952-05)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.12 | 106 | 2.00 | 3.86 | |
| Toluene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.11 | 105 | 2.00 | 3.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.06 | 103 | 2.00 | 3.55 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2022 | ND | 6.38 | 106 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 \$ | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 432 | 16.0 | 05/10/2022 | 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 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 47 @ 7' (H221952-06)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.12 | 106 | 2.00 | 3.86 | |
| Toluene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.11 | 105 | 2.00 | 3.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.06 | 103 | 2.00 | 3.55 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2022 | ND | 6.38 | 106 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 05/10/2022 | 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 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 48 @ 7' (H221952-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.12 | 106 | 2.00 | 3.86 | |
| Toluene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.11 | 105 | 2.00 | 3.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/11/2022 | ND | 2.06 | 103 | 2.00 | 3.55 | |
| Total Xylenes* | <0.150 | 0.150 | 05/11/2022 | ND | 6.38 | 106 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 05/11/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 05/10/2022 | 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 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 49 @ 7' (H221952-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.04 | 102 | 2.00 | 1.41 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.01 | 101 | 2.00 | 1.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.90 | 95.1 | 2.00 | 1.76 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 5.91 | 98.5 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.5 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 50 @ 7' (H221952-09)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.04 | 102 | 2.00 | 1.41 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.01 | 101 | 2.00 | 1.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.90 | 95.1 | 2.00 | 1.76 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 5.91 | 98.5 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.8 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/09/2022 | Sampling Date: | 05/09/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/12/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 51 @ 7' (H221952-10)

| BTEX 8021B | mg, | ′kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.04 | 102 | 2.00 | 1.41 | |
| Toluene* | <0.050 | 0.050 | 05/10/2022 | ND | 2.01 | 101 | 2.00 | 1.46 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/10/2022 | ND | 1.90 | 95.1 | 2.00 | 1.76 | |
| Total Xylenes* | <0.150 | 0.150 | 05/10/2022 | ND | 5.91 | 98.5 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 05/10/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.8 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/10/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/11/2022 | ND | 199 | 99.4 | 200 | 2.52 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/11/2022 | ND | 179 | 89.3 | 200 | 4.45 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/11/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.5 | % 59.5-14 | 2 | | | | | | |

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Celez 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 Rush ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 13 of 13

| Common Maria | (575) 393-2326 FAX (575) 393- | - | - | - | | T | | - | 11 20 | | - | | | | -07 |
|---|---|------------------|--------------|-----------------------------------|------------|--|-------------|------------------------|-------------------|---------------------|--------------|-------------|--------------|------------------------|---------|
| | Etech Environmental & Safety So | IUTION | s, in | IC. | | - | 0.4 | B | ILL TO | | 1 | | | ANALYSIS REQUE | -51 |
| Project Manage | - Mulee - Meridian | | | | | | .0. #: | | 1 | | | | | | |
| Address: 261 | | | | | | c | ompa | ny/ | lewbo | UTAe | 1 | | | | |
| City: Hobbs | State: NM | Zij | p: 88 | 3240 | | Attn: Robbrie Runnels Address: 480 (Business Pik Bly) | | | | | | | | | |
| Phone #: (57 | 5) 264-9884 Fax #: | | | | | A | ddres | s:48 | Olbusines | 1. P.KBIN | 4 | | | | |
| Project #: 15 | Obb Project Own Chicago 9-8 WOHE F Mewbourne Dil Com Eric Majica | er: K | 000 | ie Runne | 15 | c | ity: / | 1.bb | 5 | | | - | | | |
| Project Name: | Chicago 9-8 WOHE F | ee | Co, | m | | S | tate: / | VM | Zip: 88- | 240 | 8 | TPH (8015M) | BTEX (8021B) | | |
| Project Locatio | n: Mewbourne Oil Com | PG; | 14 | | | P | hone | #: | | | Chloride | 801 | 80 | | |
| Sampler Name: | Eric Musica | - | - | | | F | ax #: | | | | ъ | H | EX | | |
| FOR LAB USE ONLY | | | | MA | TRIX | -1 | PRE | SERV | SAMPL | JNG | | F | 8 | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | GROUNDWATER WASTEWATER SOIL | OIL | SLUDGE OTHER · | ACID/BASE: | ICE / 6000- OTHER : | DATE | TIME | | | | | |
| 1 | F542e7 | 10 | - | | | | | 1 | 5-9-22 | | 1 | V | \checkmark | | |
| 2 | FS 43e7 | C | 1 | V | | | | 1 | 1 | | 1 | 1 | \checkmark | | |
| 3876 | FS4407 | C | . 1 | V | | | | 1 | | 1 | V | 1 | \checkmark | | |
| 4 | FS 4507 | C | 1 | V | | | | 1 | | | 1 | 1 | 1 | | |
| | FS4607 | C | 1 | 1 | | | | 1 | 1 | 1 | V | V | 1 | | |
| 4 | FS 4707 | C | - | V | | | 1 | 1 | | | \checkmark | V | 1 | | |
| 7 | FS 48e7 | C | 1 | V | | | | 1 | 1 | | 1 | 1 | 1 | | |
| 8 | FS 49e7 | C | - | V | | - | | 1 | | | V | 1 | V | | |
| 9 | FS 50e7 | C | 1 | V | | - | 1 | / | 1 | - | V | 1 | 1 | | |
| 10 | FS 5 e7' | C | 1 | V | | | | 1 | | | V | V | | | |
| EASE NOTE: Liability an allyses. All claims includi | | be deem | ed wel | ved unless made i | in willing | and rec | ceived by (| | | | | ble | | | |
| rvice. In the event shall C Nates or successors aris | ardinal be liable for incluential or consequential demogree, inclu- ing out of or related to the performance of services hereunder t | y Cardin | ai, rega | ardiess of whether | such cla | im is b | ased upon | any of t | he above stated r | easons or otherw | 150. | | | | |
| Relinquished B | | 1 | ecer | ved By: | in | | | | | Phone R Fax Resu | alt: | I Ye | | | |
| Cu Min | Time: 55(| 0 | 21 | focili | x | IN | r | r | X | REMARK | (S: | | | | |
| telinquished B | v: Date: | R | ecei | ved By: | | V | | | 0 | 1 | | | | | |
| | Time: | - | | | | | | | | | | | | | |
| Delivered Pu | (Circle One) | | | Sample | Con | lition | | HEC | KED BY: | Please | email r | esults | and co | py of CoC to pm@eteche | nv.com. |
| | (Circle One) 5.7°)C-0.0 | | | Cool | Intact | | | (Ini | | | | | | | |
| Sampler - UPS | - Bus - Other: 5.0°c # | =112 | 3 | | H | 105 | 1 | X | - | | | | | | |
| FORM-0 | | | | cannot acc | | | l cha | nges | . Please fa | x written | change | es to t | 75-393- | 2476 | 1000 |
| Revision | | - uss write | - Pade 4 | | ope v | 31 BP6 | | -903 | | | | | | | 200 |

Page 167 of 272



May 18, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/13/22 16:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 63 @ 10' (H222058-01)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 192 | 96.0 | 200 | 0.297 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 198 | 99.2 | 200 | 3.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.0 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 64 @ 4' (H222058-02)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 192 | 96.0 | 200 | 0.297 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 198 | 99.2 | 200 | 3.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 65 @ 4' (H222058-03)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 10 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 192 | 96.0 | 200 | 0.297 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 198 | 99.2 | 200 | 3.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.0 | % 59.5-14 | 12 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 66 @ 11' (H222058-04)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: GM | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/18/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.8 | % 59.5-14 | 2 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 67 @ 4' (H222058-05)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 368 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.7 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 68 @ 5' (H222058-06)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 70.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 75.2 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 69 @ 6' (H222058-07)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 68.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.0 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 70 @ 6' (H222058-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.97 | 98.6 | 2.00 | 7.84 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.94 | 97.0 | 2.00 | 8.15 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.91 | 95.4 | 2.00 | 7.74 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 5.89 | 98.1 | 6.00 | 7.22 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 70.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.1 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 5 (H222058-09)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.4 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 5 (H222058-10)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.8 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 35 @ 8' (H222058-11)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 54 @ 9' (H222058-12)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 496 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 55 @ 9' (H222058-13)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.8 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 56 @ 6.5' (H222058-14)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.2 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.1 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 57 @ 6.5' (H222058-15)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.0 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 58 @ 7' (H222058-16)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 59 @ 7' (H222058-17)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.3 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 60 @ 7.5' (H222058-18)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 81.4 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 61 @ 10' (H222058-19)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.3 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/13/2022 | Sampling Date: | 05/13/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 62 @ 10' (H222058-20)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 92.0 | 200 | 1.55 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 196 | 98.2 | 200 | 0.308 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 74.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.3 | % 59.5-14 | 2 | | | | | | |

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Celez 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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1.+2

| ARD | NA | LAB | OR | ATC | R | IES |
|-----|-------|---------|--------|--------|----|--------|
| 101 | East | Marland | d, Hol | obs, f | M | 88240 |
| (5 | 75) 3 | 93-2326 | FAX | (575) | 39 | 3-2476 |

Page 190 of 272

| 5) 3 | 93-2326 | FAX | (575) | 393-2476 |
|------|---------|-----|-------|----------|
|------|---------|-----|-------|----------|

| Company Name: | Etech Environmenta | al & Safety Solu | tions, | Inc. | | | | B | ILL TO | | | | | A | NALYS | SIS R | EQUE | ST | | |
|---|---|----------------------------|-------------------|--------------|--------------|-------------|---------------|----------------|-------------------|----------------------|----------|-------------|--------------|----------|----------|----------|--------|----------|---|----|
| Project Manager: | Lance Cre. | nshaw | | | | | P.O. | | | | | | | | T | T | T | | | |
| | / Marland | | | | | | Com | pany A | leubour | ne | | | | | | | | | | |
| City: Hobbs | | State: NM | Zip: | 8824 | 0 | | Attn | Robbi | e Run | 15 | | | | | | | | | | |
| Phone #: (575) 26 | 64-9884 | Fax #: | | | | | Add | ress:47 | Ol Bain | ss P. k Blod | | | | | | | | | | |
| Project #: 150 | 66 | Project Owne | r: RJ | hie | Rune | 15 | City: | Hobb. | 1 | 1 AF BY | | | | | | | | | | 1 |
| Project Name: Ch | 16000 9-8 W | OHE For | Car | 1 | H | | State | NM | Zip: 88. | 240 | | (W) | 1B | | | | | | | |
| Project Location: | icago 9-8 W le mbourne C |):1 Canada | - 977 | | | | | ne #: - | | 11- | rid | 10 | 802 | 1 | | | | | | |
| Sampler Name: E | ric Mojich | our comp | 103 | | | | | #: - | | | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | |
| FOR LAB USE ONLY | 10-1-031 | | TT | T | MA | TRIX | - | RESERV | SAMPL | ING | 1° | 1 d | BT | | | | | | | |
| Lab I.D. | Sample I.I | D. | (G)RAB OR (C)OMP. | # CONTAINERS | WASTEWATER | OIL | OTHER : | ICE / COOL | DATE | TIME | | | | | | | | | | |
| F | S & 3 = 10 | | C | 1 | V | | | 1 | 5.13.22 | | 1 | V | \checkmark | | | | T | | | |
| à F. | 56404 | | C | 1 | 1 | | | 1 | ~ | | V | 1 | \vee | | | | | | | |
| 3 F | 56504 | | C | 1 | V | | | V | 1 | | 1 | V | 1 | | | | | | | |
| 9 F | 566e11 | | C |) | 1 | | | V | 1 | | 1 | 1 | 1 | | | | | | | |
| SF | 567e4 | | C | 1 | V | | | V | | | 1 | 1 | 1 | _ | _ | - | - | | | |
| 9 1 | 568e5 | | С | 11 | 1 | ++ | ++ | V | 1 | | V | 1 | ~ | | - | - | - | | | - |
| 6 5 | 56906 | | C | 4 | V | | | V | | | V | 1 | 1 | -+- | | +- | - | | - | -+ |
| 8 1 | 57006 | | C | 1 | V | | ++ | V | K | | 1 | 1 | ~ | - | + | + | - | + | | -+ |
| 10 1 | W5 | | C | 1 | V | | ++ | 1 | | | V | V | ~ | | + | + | + | +-+ | - | -+ |
| LEASE NOTE: Linhilly and Dam | nages. Cardinal's liability and client | t's exclusive remody for a | | arising w | hether based | in contract | t or tort, sh | all be limited | to the amount pa | id by the client for | v the | | | _ | | _ | _ | | _ | _ |
| | te for negligence and any other ca be liable for incidental or consequ | | | | | | | | | | | alla | | | | | | | | |
| tiliates or successors arising out of Relinquished By: | of or related to the performance of | | | eived | | such claim | is based u | pon any of t | he above stated r | Phone Res | | D Ye | s D | No Ar | d'I Phor | 1e #· | | | | |
| Pon | - | Date: 5-13-22 | | 2 | , 1 | 1.0 - | - | | | Fax Result | t: | C Ye | | | Id'I Fax | | | | | |
| in Ilm | | Time: 1033 | | 2K | OA | R | egn | ne | A | REMARKS | | | | | | | | | | |
| Relinquished By: | | Date:: | Rec | eive | a By: | | ' | | 0 | | | | | | | | | | | |
| | | Time.' | | | | | | | | Please e | mail r | esulte | ando | onv of (| C to | nm@a | techor | W com | | |
| Delivered By: (C | ircle One) 5.72 | 2 10-0.5 | 0 | T | Sample | | ion | | KED BY: | licase el | | counta | and C | | | Puilling | | 19.0011. | | |
| Sampler - UPS - B | us - Other: | 5.22 #1 | 13 | | Yes No | | | (Ini | | | | | | | | | | | | |

No Rush

RDINAL LABORATORIES

pag

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2.12

| Company Name | : Etech Environmenta | al & Safety Solut | ions, l | nc. | | | | B | ILL TO | | | | | AN | ALYS | S RE | QUEST | | |
|--|--|---|---------------------------------------|----------|--|----------------------|---------------------|-------------------------------------|---|---|--|--------------|--------------|----------|------------------------|--------|---------|------|-----|
| Project Manage | F: Lance Crens | shaw | | | | | P.0. | #: | | | | | | | | | | | |
| Address: 261 | 7 W Marland | | | | | | Con | pany) | lewbourn | 2 | | | | | | | | | |
| City: Hobbs | | State: NM | Zip: 8 | 8240 |) | | | | e Runne | | | | | | | | | | |
| Phone #: (57 | 5) 264-9884 | Fax #: | | | | | Add | ress:4 | SOLBWISC. | PEBLU | | | | | | | | | 1 1 |
| Project #: 15 | 0.66 | Project Owner | RL | . R | lungle. | - | City | : Hobb | e c | - tubid | | | | | | | | | |
| Project Name: | 5) 264-9884 066 Chicago 9-81 n:Mewbourne 0 Eric Mojica | JOHF F | C | 1 | H | - | Stat | o. N M | Zip: 88 | 240 | | Ŵ | 18 | | | | | | 1 1 |
| Project Locatio | n:M- V | -1 C- | 2 00 | m 1 | -11 | - | | ne #: ~ | | u (v | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | |
| Sampler Name: | E - M | 11 -ompan | 4 | | | | | #: | | | 음 | 8 | × | | | | | | 1 1 |
| FOR LAB USE ONLY | une riojica | | П | T | MATR | IX | - | RESER | V. SAMPL | ING | 0 | đ | E | | | | | | |
| Lab I.D. | Sample I. | | a. | ~ | | DGE | | ACID/BASE: ICE / 800k | DATE | TIME | | | | | | | | | |
| 11 | FS3508' | | C | 1 | 1 | | | 1 | 5.13.20 | 2 | 1 | | | | | | | | |
| 12 | FS 5409' | | C | 1 | J | | | J | | | 1 | 1 | 1 | | _ | | _ | | |
| 13 14 | FS 5509 | | С | 1 | V | | | 1 | - | 1 | 1 | 1 | 1 | | | | | | |
| 14 | FS 56061/2 | | C | 1 | V | | | 1 | | | V | V | 1 | | _ | | _ | _ | |
| 15 | FS 570 61/2 | | C | 1 | 1 | | | V | - | - | V | 1 | 1 | _ | _ | | _ | _ | 1 |
| 110 | FS 5807 | | C | 1 | V | | | 1 | | | 1 | 1 | 1 | _ | | | _ | - | |
| 17 | FS 5907 | | C | 1 | V | | | V | 6 | | V | 1 | V | _ | - | | | | |
| 18 | FS 60e 71/2 | | C | 1 | 1 | | | V | | | V | V | 1 | _ | - | | | - | |
| 30 | FSBIEID | | C | 1 | V | - | | V | K | - | 1 | V | V | | - | | - | - | |
| | FSG2@)0 nd Damages. Cardinal's liability and clie | | C | 11 | | | | 1 | | | 1 | \checkmark | | | | | | | 1 1 |
| analyses, All claims includ service. In no event shall C affiliates or successors arise Relinquished B <i>Li</i> : <i>May</i> | Ing those for negligence and any other c andhed be liable for incidential or conec ing out of or related to the performance. V: | cause whateoever shall be quental damages, including | doomed w without if ardinal, re | mixed un | less made in w business intern s of whether su | ating and aptions, k | receive oss of u | d by Cardina se, or loss of | d within 30 days at profile incurred by | her completion of the client, its subsidier | io applica ies, ie. sult: t: | O Ye | | | d'I Phone d'I Fax # | | | | |
| Relinquished B | y: | Date: Time: 5.76)C-1 | Rec | eived | Sample C Cool In | tact | | | CKED BY: | _ Please e | mail r | esults | and co | opy of C | oC to p | om@ete | chenv.c | xom. | |

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May 18, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/16/22 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 52 @ 19.5' (H222076-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.3 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 53 @ 19.5' (H222076-02)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.10 | 105 | 2.00 | 3.25 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.07 | 103 | 2.00 | 3.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.05 | 102 | 2.00 | 3.53 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.34 | 106 | 6.00 | 4.18 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.8 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 71 @ 4' (H222076-03)

| BTEX 8021B | mg | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 79.1 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 72 @ 5' (H222076-04)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 95.9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 73 @ 4' (H222076-05)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 05/17/2022 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 78.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.2 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 74 @ 4' (H222076-06)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 05/17/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 80.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.1 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 75 @ 5' (H222076-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 05/17/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.1 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 75.7 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 76 @ 4' (H222076-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 05/17/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 89.0 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 77 @ 7' (H222076-09)

| BTEX 8021B | mg | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 05/17/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.8 | % 59.5-14 | 2 | | | | | | |

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/16/2022 | Sampling Date: | 05/16/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/18/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 81 @ 4' (H222076-10)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 102 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/17/2022 | ND | 2.03 | 101 | 2.00 | 1.81 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/17/2022 | ND | 1.93 | 96.6 | 2.00 | 1.50 | |
| Total Xylenes* | <0.150 | 0.150 | 05/17/2022 | ND | 6.01 | 100 | 6.00 | 1.15 | |
| Total BTEX | <0.300 | 0.300 | 05/17/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/17/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/17/2022 | ND | 194 | 96.8 | 200 | 1.97 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2022 | ND | 184 | 91.9 | 200 | 0.423 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 80.8 | % 59.5-14 | 2 | | | | | | |

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Celez 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 Rush **RDINAL LABORATORIES** 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | (575) 393-2326 FAX (575) 393- | | | | | | |
|---|---|---|---|---|--|--|--|
| Company Name | | lutions, Inc. | BILL TO | ANALYSIS REQUEST | | | |
| Project Manage | r: Lance Crenshaw | | P.O. #: | | | | |
| Address: 261 | 17 W Marland | | Company Mewbourne | | | | |
| City: Hobbs | State: NM | Zip: 88240 | KI KII P | | | | |
| Phone #: (57 | 5) 264-9884 Fax #: 066 Project Own Chicago 9-8 WOHE Fe m: Mewbourne 0;1 Comp Eric Mojica | | Attn: Robbie Runnels Address: 4801 Business Pikeling | | | | |
| Project #: 5 | 066 Project Own | er: Robbie Rungels | City: Habbs | | | | |
| Project Name: | Chicago 9-8 NOHE Fe | e Con 1H | State: NM Zip: 88240 | Chloride Chloride BTEX (8021B) | | | |
| Project Locatio | n: Memberge O:1 Came | | Phone #: | Chloride PH (8015h EX (8021 | | | |
| Sampler Name: | Frie Mailer | eny | Fax #: | | | | |
| FOR LAB USE ONLY | <u>Cherroyler</u> | MATRIX | PRESERV. SAMPLING | | | | |
| Lab I.D. HZZ 2 676 | Sample I.D. | (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL | باي تن | | | | |
| (| FS 520 19 1/2 | C1 1 | 5.16.22 | | | | |
| Z | FS530191/2 | CIV | | \checkmark \checkmark \checkmark | | | |
| 3 | FS71e4 | C I V | | | | | |
| 4 | FS7205 | CI V | | | | | |
| | FS73e4 | C I V | | | | | |
| 4 | FS7404 | CIV | | | | | |
| .7 | FS75e5 | CI V | | | | | |
| 8 | FS 76e4 | C) V | | | | | |
| 9 | FS77e7 | CIJ | | | | | |
| 10 | FS 8104 | CIV | al as had about the Brederick De suprement and he the strengt for | | | | |
| enalyses. All claims includ service. In no event shall C | nd Damages. Cardinal's liability and client's exclusive remedy fo ing tasse for negligence and any other cause whatsoever shall cardinal be liable for incidential or consequential damages, inclus | be deemed waived unless made in writing a ling without limitation, business interruption | nd received by Cardinal within 30 days after completion of t s, loss of use, or loss of profits incurred by client, its subsidie | of the applicable | | | |
| Relinquished B | 5-16-22 Time: 16/8 | | n is based upon any of the above stated reasons or otherw Phone Re Fax Resu REMARK | sult: Ves No Add'I Fax #: | | | |
| Delivered By | Time: : (Circle One) 5.32 C- | -O.S Sample Condi | tion CHECKED BY: (Initials) | email results and copy of CoC to pm@etechenv.com. | | | |
| Sampler - UPS | - Bus - Other: 4.8 c | #113 EVes BY | es 70 | | | | |
| FORM-0 Revision | | Cardinal cannot accept ve | erbal changes. Please fax written o | changes to 575-393-2476 | | | |

Page 204 of 272



May 19, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/17/22 16:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 6 (H222097-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 05/18/2022 | 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 | 05/18/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 6 (H222097-02)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 05/18/2022 | 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 | 05/18/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 9 | 59.5-14 | 2 | | | | | | |

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 78 @ 5' (H222097-03)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 05/18/2022 | 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 | 05/18/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 117 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 79 @ 4' (H222097-04)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS∖ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 560 | 16.0 | 05/18/2022 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/18/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 143 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 152 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 80 @ 4' (H222097-05)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 05/18/2022 | 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 | 05/18/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 120 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 128 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 82 @ 4' (H222097-06)

| BTEX 8021B | mg | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 05/18/2022 | 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 | 05/18/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 121 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 129 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 83 @ 6.5' (H222097-07)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 05/18/2022 | 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 | 05/18/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/18/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/18/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 124 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 130 \$ | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 84 @ 8' (H222097-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/18/2022 | 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 | 05/19/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 130 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 86 @ 3' (H222097-09)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 05/18/2022 | 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 | 05/19/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 129 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/17/2022 | Sampling Date: | 05/17/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/19/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 87 @ 3' (H222097-10)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS\ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.05 | 102 | 2.00 | 3.84 | |
| Toluene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.02 | 101 | 2.00 | 2.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2022 | ND | 2.00 | 100 | 2.00 | 3.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2022 | ND | 6.21 | 103 | 6.00 | 3.85 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 05/18/2022 | 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 | 05/19/2022 | ND | 234 | 117 | 200 | 6.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 215 | 108 | 200 | 2.01 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|------|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by 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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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager
| | No | Rus |
|-----------------------------------|----|-----|
| 101 East Marland, Hobbs, NM 88240 | | |

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name | e: Etech Environmenta | I & Safety Solu | tions | , Inc | 2. | | | | BILL TO | | | | | A | ANALYSIS REQUEST | | | | | | | | |
|---|--|--|-------------------|-------------------------------------|-------------|------------|---------|-----------|-----------------------|-----------------------|----------|------------------|----------------------------------|----------------|------------------|--------------|--------|----------------------|-------|-------|---------|------|-----|
| Project Manage | W: LAACE Creasho | w | | | | | | | P.O. | ii: | | | | | | | | | | | | | |
| Address: 261 | 17 W Marland | | | | | | | | Com | pany) | M. | ubour | ne | 1 | | | | | | . 1 | | | 1.1 |
| City: Hobbs | | State: NM | Zip | : 88 | 240 | | | | Attn: | Rob | h: e | Runne | 15 | 1 | | | | | | | | | |
| Phone #: (57 | 5) 264-9884 | Fax #: | | | | | | | Addr | ess: 4 | 80 | Busice | s. P.k Bhd | | | | | | | | | | |
| Project #: 15066 Project Owner: Rule Rule | | | | | | City: | Hab | 4. | (posique | Jo lie h. | | | | | | | | | | | | | |
| Project #: 15066 Project Owner: Ribie Runels Project Name: Chicago 9-8 WOHEFee Com H Project Location: Me Journe Oil Company Sampler Name: Eric Moiles | | | | City: Habbs State: NM Zip: 88240 | | | | | (WS | 18) | | | | | | | | | | | | | |
| Project Locatio | n:Mark | C | A | 111 | | | | | | e #: | | | 1 / 1 | Chloride | FPH (8015M) | BTEX (8021B) | | | | | | | |
| Sampler Name: | F. M. | Lowburd | | - | | | | | | | | | - | भू | 90 T | X | | | | | | | |
| FOR LAB USE ONLY | Cric/ Tolles | | T | | - | MA | TRIX | (| | RESER | | SAMPLI | NG | 1° | I I | H | | | | | | | |
| Lab I.D. | Sample I.I | D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | SOIL | OIL | SLUDGE | OTHER ; ACID/BASE: | ICE / OOOL | OTHER : | DATE | TIME | | | | | | | | | | |
| 1 | EW6 | | C | 1 | | 1 | | | T | 1 | T. | 5.17.22 | | \checkmark | V | \checkmark | | | | | | | |
| 2 | WW6 | | c | 1 | | 1 | | | | V | Г | | | 1 | V | 1 | | | | | | | |
| 3 | FS 7805 | | C | 1 | | J | | | | 1 | | | | 1 | \checkmark | 1 | | | | | | | |
| 4 | FS79e4 | | С | 1 | | 1 | | | | V | Γ | | - | V | 1 | 1 | | _ | | | | | |
| 5 | FS 8004 | | C | 1 | | 1 | | | | V | Ł | - | | V | 1 | 1 | | | | | | | |
| 4 | FS 8204 | | C | Γ | | 1 | | | + | 1 | 1 | | | ~ | 1 | 1 | _ | | _ | | _ | _ | |
| 2 | FS 83e 81/2 | | С | 11 | | V | | | + | V | k | | | 1 | 1 | \checkmark | - | | - | | | | - |
| 8 | FS8408' | | C | 1 | | V | | | + | 1 | + | | | ~ | V | 1 | | _ | _ | | | | |
| 9 | FS 8603 | | C | 1 | | 1 | | | + | V | k | | | V | V | V | - | + | - | _ | - | | - |
| 10 | FS 8703 | | C | Ш | | V | | | | 1 | | | | \checkmark | \checkmark | | - | | | | | | |
| LEASE NOTE: Liability an nalyses. All claims includi | nd Damages. Cardinal's liability and client ing those for negligence and any other ce ardinal be liable for incidential or consequ | use whatsoever shall be | deemed | d wales | ed unless | s made is | n webin | g and c | eceived | by Cardin | ni villi | in 30 days aller | r completion of th | te applicai | ble | | | | | | | | |
| Relinquished B | ing out of or related to the performance of | Services thereunder by 3 Date: S-/7-22 Time: (0) | ardmar, | regan | red B | whether | such a | chairr is | based u | | t the ai | bowe stated rea | Phone Re Fax Resul REMARKS | sult: sult: | O Ye | | | dd'i Pho dd'i Fax | | | | | |
| Relinquished B | : (Circle One) 5.9 | Date: | | | | v: mple | | | n | | CKE | D BY: | Please e | mail r | esult | s and co | opy of | CoC to | o pm(| @etec | chenv.o | com. | |

h

Released to Imaging: 2/9/2023 8:09:40 AM

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May 23, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/18/22 16:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 88 @ 4.5' (H222122-01)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 89 @ 4.5' (H222122-02)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 368 | 16.0 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 90 @ 5' (H222122-03)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 115 9 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 91 @ 5' (H222122-04)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 92 @ 6' (H222122-05)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 | % 59.5-14 | 2 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 93 @ 3' (H222122-06)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 94 @ 3' (H222122-07)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 109 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 95 @ 3' (H222122-08)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 123 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 128 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 96 @ 3' (H222122-09)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/19/2022 | 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 | 05/19/2022 | ND | 232 | 116 | 200 | 3.86 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 223 | 112 | 200 | 0.0875 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 129 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 132 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/18/2022 | Sampling Date: | 05/18/2022 |
|-------------------|----------------------------|---------------------|----------------|
| Reported: | 05/23/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Tamara Oldaker |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 98 @ 4.5' (H222122-10)

| 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 | 05/19/2022 | ND | 2.00 | 99.9 | 2.00 | 1.94 | |
| Toluene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.04 | 102 | 2.00 | 4.76 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/19/2022 | ND | 2.03 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/19/2022 | ND | 6.15 | 102 | 6.00 | 2.85 | |
| Total BTEX | <0.300 | 0.300 | 05/19/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/19/2022 | 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 | 05/19/2022 | ND | 198 | 99.1 | 200 | 0.723 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/19/2022 | ND | 189 | 94.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/19/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98.7 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|-------|--|
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500CI-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| 2 | |
|-----|-----------------------------------|
| 2 | 4 |
| 5 | |
| 230 | |
| N | ARDINAL LABORATORIES |
| 20 | 101 East Marland, Hobbs, NM 88240 |
| a l | TOT Last Manand, HODDS, NM 00240 |

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

| (575) 393-2326 F | AX (575) 393-2476 | |
|--------------------------------|-------------------------------|------------------------------|
| Company Name: Etech Environmen | tai & Safety Solutions, Inc. | BILL TO |
| Project Manager: Lance Cren | shaw | P.O. #: |
| Address: 2617 W Marland | | Company Mewbourne |
| City: Hobbs | State: NM Zip: 88240 | Attn: Robbie Runels |
| Phone #: (575) 264-9884 | Fax #: | Address: 480 Burness Pok Blo |
| Project #:) 50 66 | Project Owner: Robbie Runnels | City: Hobbs |
| Project Name: () · 9-9] | AHEE C IU | NM = DOMIN |

| Phone #: (575 | | Fax #: | | | | | | Ad | dres | s:48 | O Burne. | s lok Bla | | | | | | | - 1 | | | | |
|---|--|---|-------------------|--------------|------------|-----------|----------|----------|------------|-----------------------------------|---------------------|--------------------|-------------|--------------------|---------------------|--------|----------------------|-------|------|-------|-------|---|---|
| Project #:) 50 | 66 | Project Owner | R.1 | blic | = R. | nel | s | | | offe | | | | | | | 1 | | | | İ | | |
| Project Name: (| hicano 9-8 WI | HE Fee | Com |) | H | | | | | | Zip: 88 | 240 | | 2W | 18 | | | | | | | | |
| Project Location | hicago 9-8 WI | 1 Compan | | | | | | | | #: | | | Chioride | FPH (8015M) | 3TEX (8021B) | | | | | | | | |
| Sampler Name: | Eric Mojica | in cipia | 3 | | | | | Fa | x #: | - | | | Ř | H | X | | | | | | | | |
| FOR LAB USE ONLY | | | | Т | | MATR | IX | | PRE | SERV | SAMPL | ING | | E | BT | | | | | | | | |
| Lab I.D. | Sample I.I | D. | (G)RAB OR (C)OMP. | # CONTAINERS | WASTEWATER | SOIL | SLUDGE | OTHER : | ACID/BASE: | ICE / 000Lr OTHER : | DATE | TIME | | | | | | | | | | | |
| (| FS 88041/2 | | С | 1 | | 4 | | | | 1 | 5.18-22 | | 1 | 1 | 1 | ŀ | | | | - | | | |
| 2 | FS 89041/2 | | C | 1 | | 1 | | | | 1 | 1 | | 1 | 1 | 1 | | | | | | | | |
| 3 | FS900 5' | | C | 1 | | 1 | | | | 1 | | | 1 | 1 | V | | | | | _ | | | |
| 4 | FS91e5 | | C | 1 | | V | | | | 1 | | | 1 | V | 1 | | | | | | | | |
| 5 | FS9206 | | C | 1 | | V | | | | 1 | | | 1 | V | 1 | | | | | | | | |
| 6 | FS93e3' | | C | 1 | | 1 | | | | V | - | | V | V | 1 | | - | _ | _ | _ | | _ | |
| 1 | FS9403 | | C | 1 | | 1 | - | | | 1 | | | ~ | 1 | 1 | | | | _ | | | _ | |
| 8 | FS9503' | | C | 1 | | 1 | | | - | 1 | | | V | 1 | V | | _ | _ | _ | _ | | _ | _ |
| 9 | FS9603 | | C | 1 | | 1 | - | | | 1 | 5 | | 1 | V | V | _ | | _ | _ | _ | _ | _ | |
| 10 | FS98041/2 | | C | | | VI | | | | 1 | | | V | V | | | 1 | | | | | | _ |
| PLEASE NOTE: Liability an analyses All clams including | d Damages. Cardinal's liability and clien in those for negligence and any other ca | une whatsoever shall be d | eemed w | mbred i | unions m | ude in wi | iling an | iscer be | ived by (| Cardinal | within 30 days allo | er completion of t | te applica | ble | | | | | | | | | |
| Relinquished By Relinquished By Relinquished By | andinal be little for incidential or consequ g out of or related to the performance o /: // | entel demages, including services hereander by Cr Date: 5-/8-22 Time: /GI Date: | Reco | eive | | ther suc | | | | | | | suit: t: | Ye Ye | | | Add'i Pi Add'i Fa | | : | | | - | |
| | | Тіте: | | | Coo | ple Co | tact | _ | 0 | | KED BY: tiafs) | Please e | mail r | esults | s and c | opy of | CoC | to pm | @ete | chenv | .com. | | |
| Sampler - UPS | - Bus - Other: | 5.3c : | #11- | 3 | | Yes - | Ye | o | - | Ve | 2 | | | | | | | | | | | | |

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

FORM-006 **Revision 1.0**



May 25, 2022

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/19/22 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 97 @ 8.5' (H222147-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/23/2022 | 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 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 99.3 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 99 @ 3.5' (H222147-02)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/23/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.8 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 100 @ 4' (H222147-03)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/23/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 70.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 78.0 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 101 @ 2.5' (H222147-04)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 528 | 16.0 | 05/23/2022 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.4 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 85.5 | % 59.5-14 | 2 | | | | | | |

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 102 @ 5.5' (H222147-05)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 05/23/2022 | 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 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 79.7 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 88.7 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 103 @ 4.5' (H222147-06)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 05/23/2022 | 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 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.3 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.3 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 104 @ 2.5' (H222147-07)

| BTEX 8021B | mg | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 05/23/2022 | 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 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 82.5 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 91.9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 105 @ 2.5' (H222147-08)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/23/2022 | 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 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 104 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 7 (H222147-09)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 432 | 16.0 | 05/23/2022 | 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 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 9 | 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 9 | 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/19/2022 | Sampling Date: | 05/19/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 05/25/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | ** (See Notes) |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 7 (H222147-10)

| BTEX 8021B | mg, | ′kg | Analyze | d By: MS/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.09 | 104 | 2.00 | 0.674 | |
| Toluene* | <0.050 | 0.050 | 05/24/2022 | ND | 2.06 | 103 | 2.00 | 0.391 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/24/2022 | ND | 1.97 | 98.3 | 2.00 | 1.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/24/2022 | ND | 6.11 | 102 | 6.00 | 0.906 | |
| Total BTEX | <0.300 | 0.300 | 05/24/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 05/23/2022 | 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 | 05/25/2022 | ND | 192 | 95.8 | 200 | 7.03 | |
| DRO >C10-C28* | 20.3 | 10.0 | 05/25/2022 | ND | 202 | 101 | 200 | 6.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.0 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 108 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|------|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by 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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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| N | ~ | R | | S | |
|-----|---|-----|---|---|---|
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name | : Etech Environment | al & Safety Soluti | ons, | Inc. | | | | | | B | SIL | LTO | | | | | AN | ALYS | IS R | EQUE | ST | | |
|-------------------------------|---|--|------------------|--------------|---------------------|--------------------|-----------------------|--------------------|------------|-------------------------|---------------------|--------------------------------------|--|------------------|--------------|--------------|---------|-----------------------|------|-------|--------|----|--|
| | "Lance Creash | nw | | | | | | P | .0. 1 | | | | | | | | | T | T | 1 | | | |
| | 7 W Marland | | | | | | | c | omp | any / | Me | wbour | 'Ae | | | | | | | | | | |
| City: Hobbs | | State: NM | Zip: 8 | 3824 | 0 | | | _ | | - | | 2 Bunn | 4 | | | | | | | | | | |
| |) 264-9884 | Fax #: | | | | | | | | | | | PkBlud | | | | | | | | | | |
| Project #: \5(|)66 | Project Owner | RJ | hie | R | | 15 | | | 406 | 4 | | 282 | | 1 | | | | | | | | |
| Project Name: (| hicano 9-8 W | OHE Fee | Can | 1 | H | 111- | | | | | | ip: 88 | 240 | e | 2W) | 21B) | | | | | | | |
| Project Location | 166 Hicago 9-8 W Mew bourne (| Dil Compa | | | | | | | hone | | _ | | | Chloride | FPH (8015M) | BTEX (8021B) | | | | | | | |
| Sampler Name: | Érie Mojica | | 3 | | | | | F | ax #: | - | - | | | Ë | H | EX | | | | | | | |
| FOR LAB USE ONLY | 1.03 | | T | T | · T | MA | RIX | - 1 | PR | ESER | V. | SAMPLI | NG | | ₽ E | BT | | | | | | | |
| Lab I.D. | Sample I. | .D. | (G)RAB OR (C)OMP | # CONTAINERS | WASTEWATER | SOIL | OIL | SLUDGE OTHER : | ACID/BASE: | ICE / COOL | UIHEK: | DATE | TIME | | | | | | | | | | |
| | FS97081/2 | | C | T | | 1 | | | Т | 1 | | 5. 19-22 | | 1 | 1 | \checkmark | | | | | | | |
| a | FS 99 - 31/2 | | C | 1 | | 1 | | | | V | | 1 | | ~ | \checkmark | \checkmark | | | | | | | |
| 3 | FS 10004 | | С | 1 | | V | | | | 1 | | 1 | | ~ | V | \checkmark | | | | | | | |
| 4 | FS 101021 | 2 | C | 1 | - | V | | _ | | V | | | | 1 | 1 | 1 | | | | - | - | | |
| 5 | FS 1020 51 | 2 | C | 1 | - | V | | - | 1 | 1 | k | _ | | ~ | V | V | _ | - | + | - | - | | |
| 6 | FS 103e4% | 2 | C | 1 | - | 1 | | | + | V | + | | | \checkmark | ~ | \checkmark | - | - | - | - | - | | |
| | FS 10402/ | 3 | С | 1 | - | 1 | | + | + | V | k | \subset | | ~ | 1 | ~ | | + | + | + | - | | |
| X | FS 10502 | 12 | C | | - | V | | + | + | V | + | \rightarrow | | 1 | ~ | ~ | + | + | + | + | | + | |
| 9 | WWG | | C | | + | V | $\left \right $ | + | + | 1 | k | | | V | - | 1 | -+- | + | + | + | + | | |
| service. In no event shall Ca | d Damages. Cardinal's liability and clie g those for negligence and any other o rdinal be liable for incidental or connec | cause whatsoever shall be d questal damages, including | without i | mitation | niess m , busine | nado is eas int | a writing eruption | and rec s, loss | of use, | y Cardina or loss of | al with I profit | in 30 days aller is incurred by c | r completion of t lient, its subsidia | he applications, | ble | 1 1 | - | _ | - | 1 | | | |
| Relinquished By | g out of or related to the performance | of services hereunder by Ca Date: 5.19.22 Time: 550 Date: | Rec | | By | | such chi | | ased up | | f the a | above stated res | Phone Re Fax Resul REMARK | sult: It: | C Ye | | | f'l Phon f'l Fax # | | | | | |
| Delivered By: | (Circle One) 7. | Time: | 5 | 2 | Sam | l | Conc | t | | | CKE | DBY: | Please e | mail r | esults | and co | by of C | oC to p | om@e | teche | nv.con | n. | |
| Sampler - UPS | - Bus - Other: | Ulle t | tu | 2 | | Yes | B | les | | 5 | VE | - | | | | | | | | | | | |

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ARDINAL LABORATORIES



June 01, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/25/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2022 | Sampling Date: | 05/25/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/01/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: NW 1 (H222240-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.07 | 103 | 2.00 | 2.12 | |
| Toluene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.04 | 102 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2022 | ND | 1.93 | 96.3 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2022 | ND | 6.00 | 100 | 6.00 | 3.08 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/31/2022 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/27/2022 | ND | 189 | 94.3 | 200 | 0.783 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 181 | 90.5 | 200 | 2.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 115 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2022 | Sampling Date: | 05/25/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/01/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: WW 8 (H222240-02)

| BTEX 8021B | mg, | ′kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.07 | 103 | 2.00 | 2.12 | |
| Toluene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.04 | 102 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2022 | ND | 1.93 | 96.3 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2022 | ND | 6.00 | 100 | 6.00 | 3.08 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 05/31/2022 | 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 | 05/27/2022 | ND | 189 | 94.3 | 200 | 0.783 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 181 | 90.5 | 200 | 2.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2022 | Sampling Date: | 05/25/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/01/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 115 @ 4.5' (H222240-03)

| BTEX 8021B | mg, | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.07 | 103 | 2.00 | 2.12 | |
| Toluene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.04 | 102 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2022 | ND | 1.93 | 96.3 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2022 | ND | 6.00 | 100 | 6.00 | 3.08 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 05/31/2022 | 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 | 05/27/2022 | ND | 189 | 94.3 | 200 | 0.783 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 181 | 90.5 | 200 | 2.65 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2022 | Sampling Date: | 05/25/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/01/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 116 @ 4' (H222240-04)

| BTEX 8021B | mg/ | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.07 | 103 | 2.00 | 2.12 | |
| Toluene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.04 | 102 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2022 | ND | 1.93 | 96.3 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2022 | ND | 6.00 | 100 | 6.00 | 3.08 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/31/2022 | 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 | 05/27/2022 | ND | 188 | 94.1 | 200 | 1.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 192 | 96.1 | 200 | 1.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 9 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2022 | Sampling Date: | 05/25/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/01/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 117 @ 5' (H222240-05)

| BTEX 8021B | mg, | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.07 | 103 | 2.00 | 2.12 | |
| Toluene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.04 | 102 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2022 | ND | 1.93 | 96.3 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2022 | ND | 6.00 | 100 | 6.00 | 3.08 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/31/2022 | 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 | 05/27/2022 | ND | 188 | 94.1 | 200 | 1.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 192 | 96.1 | 200 | 1.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 133 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2022 | Sampling Date: | 05/25/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/01/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 118 @ 5' (H222240-06)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.07 | 103 | 2.00 | 2.12 | |
| Toluene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.04 | 102 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2022 | ND | 1.93 | 96.3 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2022 | ND | 6.00 | 100 | 6.00 | 3.08 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/31/2022 | 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 | 05/27/2022 | ND | 188 | 94.1 | 200 | 1.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 192 | 96.1 | 200 | 1.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 111 9 | 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 126 9 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2022 | Sampling Date: | 05/25/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/01/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 119 @ 5' (H222240-07)

| BTEX 8021B | mg/ | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.07 | 103 | 2.00 | 2.12 | |
| Toluene* | <0.050 | 0.050 | 05/28/2022 | ND | 2.04 | 102 | 2.00 | 1.88 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2022 | ND | 1.93 | 96.3 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2022 | ND | 6.00 | 100 | 6.00 | 3.08 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 05/31/2022 | 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 | 05/27/2022 | ND | 188 | 94.1 | 200 | 1.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 192 | 96.1 | 200 | 1.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 112 9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 126 9 | % 59.5-14 | 2 | | | | | | |

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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. |
|-------|--|
| 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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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager
No Rush

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name | Etech Environmenta | al & Safety Solut | ions, i | inc. | | | | | | BIL | LTO | 100 | | | - | | ANAL | YSIS | REC | UEST | - | | |
|---|--|---|------------------|--------------|------------|---------------------|------------------------|------------|-------------|---------|-------------------|--------------------------------|----------|-------------|---------------------|-------|--------------------|-------|-------|--------|------|---|---|
| Project Manage | E Lance Cre | nshaw | | | | | | P.O. | - | | | | | | ΓΤ | | | | | | T | T | T |
| Address: 261 | | | | | | | | Com | pany | M | enhour | ne | | | | | | | | | | | |
| City: Hobbs | | State: NM | Zip: 8 | 3824 | 10 | | | Attn: | Robe | bie | Runne | 15 | | | | | | | | | | | |
| Phone #: (57 | 5) 264-9884 | Fax #: - | | | | | | Addr | ess: | 480 | Busines | FitBlad | | | | | | | | | | | |
| Project #: 15 | 066 | Project Owner | Rob | bie | Run | rels | r | City: | Ho | 66. | 5 | | | | | | | | | | | | |
| Project Name: (| Chicago 9-81 m: Membourne | WOHE F | ee (| Con | 1 | | | State | N/ | M | Zip: 88 | 240 | | FPH (8015M) | BTEX (8021B) | | | | | | | | |
| Project Location | n: Mewbourne | Oil Compo | LAU | | | | | Phon | | | | | Chloride | 801 | (80) | | | | | | | | |
| Sampler Name: | Eric Mojica | P | 3 | | | | | Fax i | k - | - | | | CPT | H | M | | | | | | | | |
| FOR LAB USE ONLY | | | Π | T | | ATR | XIX | - | RESE | - | SAMPLI | NG | | F | B | | | . | | | | | |
| Lab I.D. Надагачо | Sample I. | D. | (G)RAB OR (C)OMP | # CONTAINERS | WASTEWATER | SOIL | SLUDGE | OTHER : | ICE / COOL- | OTHER : | DATE | TIME | | | | | | | | | | | |
| 1 | NWI | | С | 1 | | 1 | | | \bigvee | | 5.25.22 | | 1 | V | \bigvee | | | | | | | | |
| R | WW8 | | C | 1 | | 1 | | | 1 | | / | | V | V | 1 | | | | | | | | |
| | FS 115e4/2 | | C | 1 | | 1 | | | V | | | - | V | 1 | 1 | _ | | | | _ | | | _ |
| 4 | FS Ilbet | | С | 1 | | J | - | | V | | | | 1 | V | 1 | | | _ | | | - | | - |
| 5 | FS 117e5 | | С | 1 | | 5 | + | | V | | > | | V | ~ | V | | | | | -+- | | - | - |
| <u>e</u> | FS 11805 | | C | 4 | ++ | 1 | | | V | - | \leq | | V | 1 | 1 | - | | | | -+- | - | + | + |
| | FS 11905 | | C | 4 | | V | + | | Y | Η | | | V | V | | | | | - | -+- | - | + | + |
| | | | \vdash | + | + | - | + | | + | - | | | | - | ++ | | | | | -+ | + | + | + |
| | | | \vdash | + | + + | + | + | | ++ | | | - | | - | | - | | | | | - | + | + |
| PLEASE NOTE: Linbility or analyses. All claims inchall service. In no event shell C | ardinal be liable for incidental or conceq | was whatsoever shall be a weathil damages, including | without i | naived a | n, busines | de in w s intern | nting am uptions, i | ons of uni | by Card | of pro | dis incurred by c | Seat, is subsidia | | bie | <u> </u> | | | | | | | - | _ |
| Relinquished Br | v: Tope | Date: | Rec | eive | d By: | h | <i>C</i> i | 9 | U | l | N | Phone Re Fax Resu REMARK | It: | C Ye | | | Add'l P Add'l F | | 8 | | | | |
| | : (Circle One) 49 | Time: c)C-O.€ ·4°c ≠113 | | | Cool | Int | ondit | | | EGK | ED BY: als) | Please e | mail r | esults | s and co | opy c | of CoC | to pn | n@ete | chenv. | com. | | |

Released to Imaging: 2/9/2023 8:09:40 AM

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June 03, 2022

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: CHICAGO 9-8 W0HE FEE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 05/24/22 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/23/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 106 @ 2' (H222215-01)

| BTEX 8021B | mg | /kg | Analyze | d By: CK/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.12 | 106 | 2.00 | 0.185 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.08 | 104 | 2.00 | 0.788 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.04 | 102 | 2.00 | 0.451 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 6.32 | 105 | 6.00 | 1.16 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 05/27/2022 | ND | 448 | 112 | 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 | 05/26/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | 15.7 | 10.0 | 05/26/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/26/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 127 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 129 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/23/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 107 @ 6.5' (H222215-02)

| BTEX 8021B | mg | /kg | Analyze | d By: CK/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.12 | 106 | 2.00 | 0.185 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.08 | 104 | 2.00 | 0.788 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.04 | 102 | 2.00 | 0.451 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 6.32 | 105 | 6.00 | 1.16 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 05/27/2022 | ND | 448 | 112 | 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 | 05/26/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/26/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/26/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 114 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/23/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 108 @ 5.5' (H222215-03)

| BTEX 8021B | mg, | /kg | Analyze | d By: CK/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.12 | 106 | 2.00 | 0.185 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.08 | 104 | 2.00 | 0.788 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.04 | 102 | 2.00 | 0.451 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 6.32 | 105 | 6.00 | 1.16 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/27/2022 | ND | 448 | 112 | 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 | 05/26/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/26/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/26/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 128 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 130 | % 59.5-14 | 2 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/23/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 109 @ 5.5' (H222215-04)

| BTEX 8021B | mg, | ′kg | Analyze | d By: CK/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.12 | 106 | 2.00 | 0.185 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.08 | 104 | 2.00 | 0.788 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.04 | 102 | 2.00 | 0.451 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 6.32 | 105 | 6.00 | 1.16 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 05/27/2022 | ND | 448 | 112 | 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 | 05/26/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/26/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/26/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/23/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 110 @ 5' (H222215-05)

| BTEX 8021B | mg, | /kg | Analyze | d By: CK/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.12 | 106 | 2.00 | 0.185 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.08 | 104 | 2.00 | 0.788 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.04 | 102 | 2.00 | 0.451 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 6.32 | 105 | 6.00 | 1.16 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 05/27/2022 | ND | 448 | 112 | 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 | 05/26/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/26/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/26/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.8 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.3 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/23/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 111 @ 5' (H222215-06)

| BTEX 8021B | mg/ | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.00 | 99.9 | 2.00 | 0.527 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.03 | 102 | 2.00 | 1.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 1.94 | 97.0 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 5.79 | 96.4 | 6.00 | 0.338 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 | % 69.9-14 | 0 | | | | | | |
| 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 | 05/27/2022 | ND | 448 | 112 | 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 | 05/27/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.2 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.1 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/23/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: EW 8 (H222215-07)

| BTEX 8021B | mg, | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.00 | 99.9 | 2.00 | 0.527 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.03 | 102 | 2.00 | 1.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 1.94 | 97.0 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 5.79 | 96.4 | 6.00 | 0.338 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 05/27/2022 | ND | 448 | 112 | 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 | 05/27/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 102 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/24/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 112 @ 6' (H222215-08)

| BTEX 8021B | mg/ | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.00 | 99.9 | 2.00 | 0.527 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.03 | 102 | 2.00 | 1.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 1.94 | 97.0 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 5.79 | 96.4 | 6.00 | 0.338 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 05/27/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/27/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/24/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 113 @ 5' (H222215-09)

| BTEX 8021B | mg, | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.00 | 99.9 | 2.00 | 0.527 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.03 | 102 | 2.00 | 1.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 1.94 | 97.0 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 5.79 | 96.4 | 6.00 | 0.338 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 103 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 05/27/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/27/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.9 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 96.2 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/24/2022 | Sampling Date: | 05/24/2022 |
|-------------------|----------------------------|---------------------|------------------|
| Reported: | 06/03/2022 | Sampling Type: | Soil |
| Project Name: | CHICAGO 9-8 W0HE FEE COM 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 15066 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | MEWBOURNE - EDDY CO NM | | |

Sample ID: FS 114 @ 4.5' (H222215-10)

| BTEX 8021B | mg/ | /kg | Analyze | d By: CK | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.00 | 99.9 | 2.00 | 0.527 | |
| Toluene* | <0.050 | 0.050 | 05/27/2022 | ND | 2.03 | 102 | 2.00 | 1.38 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/27/2022 | ND | 1.94 | 97.0 | 2.00 | 0.128 | |
| Total Xylenes* | <0.150 | 0.150 | 05/27/2022 | ND | 5.79 | 96.4 | 6.00 | 0.338 | |
| Total BTEX | <0.300 | 0.300 | 05/27/2022 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 69.9-14 | 0 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 448 | 16.0 | 05/27/2022 | ND | 400 | 100 | 400 | 7.69 | |
| 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 | 05/27/2022 | ND | 207 | 103 | 200 | 2.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/27/2022 | ND | 203 | 101 | 200 | 6.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/27/2022 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.6 | % 66.9-13 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 97.4 | % 59.5-14 | 2 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500CI-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

No Rush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| ARDI | NAL | LABO | ORAT | OR | IES |
|------|--------|----------|--------|----|-------|
| 101 | East I | Marland, | Hobbs, | NM | 88240 |

Page 266 of 272

(575) 393-2326 FAX (575) 393-2476

| Company Name: Etech Environmental & Safety Solutions, Inc. | | | | | T | BILL TO | | | | | | ANALYSIS REQUEST | | | | | | | | | | | | |
|--|---|----------------------|------------------------|-----------------------|--------------------|---|---------------------|---------------------------------------|-----------------------|-----------------|---------|--------------------------------------|--------------|--------------|--------------|----------|-------|----------------|------|--------|---------|----|---|--|
| Project Manager: Lance Crenshaw | | | | | | P. | P.O. #: | | | | | | | | | | | T | T | | | T | | |
| Address: 2617 W Marland | | | | | | C | Company Menbourne | | | | | 1 | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88240 | | | | | | At | Attn: Robbie Runels | | | | | | | | | | | | | | | | | |
| Phone #: (575) 264-9884 Fax #: | | | | | A | Attn: Rabbie Runnels Address: 4801 Businews Pittely. | | | | | | | | | | | | | | | | | | |
| | | | | | | Ci | City: H . 53 , | | | | | | | | | | 1 | | | | | | | |
| Project Name: Chicks | 09-8 WOHE Fee | C | ~ | | | | St | City: H = 55 , State/VM Zip: 88240 | | | | | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| Project Location: | pourse Oil Camp | 20 | u | | | | PI | Phone #: | | | | | | | 80 | | | | | | | | | |
| Sampler Name: Eric. | Mosica | | 3 | | | | Fa | Fax #: | | | | | P | H | X | | | | 1 | | | | | |
| FOR LAB USE CHLY | | Γ | П | | MAT | RIX | | | | | | | 1 | ₽ | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | GROUNDWATER | SOIL | OIL | OTHER : | ACID/BASE: | ICE / COOL OTHER : | D | ATE | TIME | | | | | | | | | | | | |
| FS I | 16e2° | C | | | 1 | | | | 1 | 5-2 | 23.22 | | \checkmark | \checkmark | 1 | | | I | | | | | | |
| 2 JFSt | 080 512 107e3/2 1090 512 108e 512 1100 5 109e 512 | C | I | | V | | | , | 1 | | / | | 1 | V | V | | | | | | | | | |
| a s FS+ 3 s FS 4 s FS | 1090 51/2 1080 51/2 | C | 1 | | V | | - | | 1 | | | | ~ | 1 | 1 | | | | - | - | _ | | | |
| 4 SFS | +10e 5 109e 5% | C | 11 | - | V | | - | | V | K | _ | | 1 | 1 | 1 | - | | - | - | - | - | | | |
| 5 3 FS. | 11005 | С | Щ | - | 1 | | - | | 1 | P | | | 1 | ~ | V | | - | | + | + | - | | | |
| 9 SEW | 8 FS 11 10 5' | C | М | | V | $\left \right $ | + | ++ | | K | - | | V | V | V | - | - | - | + | + | - | | | |
| 8 FS | 8 | C | H | + | V | | | | 1 | 17.1 | 11 12 | | V | ~ | X | | - | + | +- | + | | | | |
| 9 FS | 1206 | c | H | + | V | \vdash | + | 1 | / | 3.9 | 24.22 | | 1 | | V | + | - | + | + | +- | + | | - | |
| TO FC | 130 3 | C | H | - | 1 | | - | | 4 | K | - | | 1 | V | 1V | +- | - | + | + | + | + | | | |
| PLEASE NOTE: (Jability and Damages, C analyses, All claims including those for as service. In no event shall Cauthad be liable additions or successors adding out of or rel | ardinal's liability and client's exclusive remedy for a gligence and any other cause whetenever shall be tor incidental or consequential damages, including ted to the performance of services becauter by 0 | y without Cardina | at United I, regard | on, buni less of v | nees int hether | muption | s, loss (| of use, or | loss of p | rollis inc | | leat, its subsidia sons or otherw | 50. | | | 1 | | 0 | 1 | 1 | | | | |
| Relinquished By: C: Mon Relinquished By | Date: 5-23-22 Time: 650 Date: | Re | | loc | Xe | ic | p | l | N | + | _ | Phone Re Fax Resu REMARK | it: | □ Ye | | No No | | Phone Fax # | | | | | | |
| Delivered By: (Circle Sampler - UPS - Bus - | Time: One) 3.72 C-0.52 | | | Sa | mple | Cond Infact | | | Thech | (ED E tials) | BY: | Please e | email r | esults | and | сору | of Co | C to p | om@e | eteche | env.con | n. | | |
| FORM-006 | 3.80 -411 | S | al ca | | _ | | | I cha | nges. | Plea | ise fax | written | change | es to s | 575-39 | 93-247 | 6 | - | | | | | - | |

Received by OCD: 9/2/2022 2:54:04 PM

Appendix E Regulatory Correspondence

Ben Arguijo

| From: | Hamlet, Robert, EMNRD <robert.hamlet@state.nm.us></robert.hamlet@state.nm.us> |
|----------|--|
| Sent: | Wednesday, December 22, 2021 9:41 AM |
| То: | Ben Arguijo |
| Cc: | Lance Crenshaw; Robbie Runnels; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Velez, Nelson, EMNRD |
| Subject: | (Extension Approval) NAPP2125960064 - Chicago 9/8 W0HE Fee Com #1H Battery |

RE: Incident #NAPP2125960064

Ben,

Your request for an extension to January 31st, 2022 is approved.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Ben Arguijo <bena@etechenv.com>
Sent: Friday, December 10, 2021 10:45 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: ocd.environmental@state.nm.us; Lance Crenshaw <lance@etechenv.com>; Robbie Runnels
<rrunnels@mewbourne.com>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: [EXTERNAL] NAPP2125960064 - Chicago 9/8 WOHE Fee Com #1H Battery - Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dear NMOCD Environmental Bureau,

Mewbourne Oil Company (Mewbourne) has recently contracted Etech Environmental & Safety Solutions, Inc. (Etech), to conduct remediation activities for the release known as the Chicago 9/8 WOHE Fee Com #1H Battery (NMOCD Incident #nAPP2125960064) located in Eddy County. Pursuant to NMOCD regulations, a work plan or closure report is due for the release on December 16, 2021. In consideration of Etech's current workload, the upcoming holidays, and the associated fluctuations in staffing levels as people take leave from work to spend time with loved ones, Etech, on behalf of Mewbourne, would like to request an extension until January 31, 2022, in order to allow us time to conduct a proper site assessment, fully delineate the release, and devise an appropriate remediation strategy to advance the site to an NMOCD-approved closure.

If you have any questions or need any additional information, please do not hesitate to contact me by phone or email.

Login

Thank you for your time and consideration.

Respectfully, Ben J. Arguijo

Ben J. Arguijo Project Manager

CTECH al & Safety S

2507 79th St., Unit A Lubbock, TX 79423-2211 (432) 813-1592

Total Control Panel

To: <u>bena@etechenv.com</u> From: robert.hamlet@state.nm.us Message Score: 50 My Spam Blocking Level: High

Block this sender Block state.nm.us High (60): Pass Medium (75): Pass Low (90): Pass

This message was delivered because the content filter score did not exceed your filter level.

Ben Arguijo

| From: Sent: | Hamlet, Robert, EMNRD <robert.hamlet@state.nm.us> Thursday, April 7, 2022 11:58 AM</robert.hamlet@state.nm.us> |
|----------------|---|
| То: | Ben Arguijo |
| Cc: | Connor Walker; Robbie Runnels; Lance Crenshaw; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Velez, Nelson, EMNRD; Nobui, Jennifer, EMNRD |
| Subject: | (Extensions Denied) NAPP2125960064 & NAPP2200753107 - Chicago 9/8 W0HE Fee Com #1H Battery |
| Categories: | NMOCD |

RE: Incident **#NAPP2125960064 & NAPP2200753107**

Ben,

An extension for incident **NAPP2125960064** has already been granted. An extension for incident **NAPP2200753107** should have been requested before the remediation due date of 3/24/2022. Your request for extensions on these two incidents is **denied**. Include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Ben Arguijo <bena@etechenv.com>
Sent: Wednesday, April 6, 2022 2:33 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>; ocd.environmental@state.nm.us
Cc: Connor Walker <cwalker@mewbourne.com>; Robbie Runnels <rrunnels@mewbourne.com>; Lance Crenshaw <lance@etechenv.com>
Subject: [EXTERNAL] nAPP2125960064 & APP2200753107 - Extension requests - Chicago 9/8 WOHE Fee Com #1H Battery

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dear NMOCD Environmental Bureau,

Mewbourne Oil Company (Mewbourne) has contracted Etech Environmental & Safety Solutions, Inc. (Etech), to perform remediation activities for the releases known as the Chicago 9/8 WOHE Fee Com #1H Battery: NMOCD Incident #'s nAPP2125960064 (9/7/21) and nAPP2200753107 (12/24/21). The releases occurred in the same tank battery facility and affected a similar area, and Etech was in the process of delineating and remediating the 9/7/21 release when the

12/24/21 release occurred. Pursuant to NMOCD regulations, a work plan or closure report was due for the 12/24/21 release on 3/24/22. However, Etech has not yet had an opportunity to complete delineation of the commingled impacted area, as the tank battery affected by the releases is in the process of being relocated to another area of the location.

In consideration of this situation, Etech, on behalf of Mewbourne, would like to request an extension until July 1, 2022, in order to 1.) allow Etech time to fully delineate and/or excavate the commingled releases and devise a strategy to advance the site to an NMOCD-approved closure, and 2.) allow time for upcoming fracking activities in the region to be completed. The upcoming fracking activities have the potential to introduce additional safety and environmental concerns on-site due to the increased traffic and personnel that would not otherwise be present under normal operations.

Thank you for your time and consideration.

Respectfully, Ben J. Arguijo

Ben J. Arguijo Project Manager

ECH

2507 79th St., Unit A Lubbock, TX 79423-2211 (432) 813-1592

Total Control Panel

To: <u>bena@etechenv.com</u> From: robert.hamlet@state.nm.us Message Score: 1 My Spam Blocking Level: High

Block this sender Block state.nm.us

This message was delivered because the content filter score did not exceed your filter level.

<u>Login</u>

High (60): Pass Medium (75): Pass Low (90): Pass

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

| Operator: | OGRID: |
|------------------|---|
| MEWBOURNE OIL CO | 14744 |
| P.O. Box 5270 | Action Number: |
| Hobbs, NM 88241 | 140562 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|-------------------|
| rhamlet | We have received your closure report and final C-141 for Incident #NAPP2125960064 CHICAGO 9/8 W0HE FEE COM #1H BATTERY, thank you. This closure is approved. | 2/9/2023 |