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

State of New Mexico Energy Minerals and Natural Resources Department

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

| Incident ID | NRM1935840155 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

WPIJ6-191106-C-1410

| Responsible Party XTO Energy | OGRID 5380 |
|---|--------------------------------|
| Contact Name Kyle Littrell | Contact Telephone 432-221-7331 |
| Contact email Kyle_Littrell@xtoenergy.com | Incident # (assigned by OCD) |
| Contact mailing address 522 W. Mermod, Carlsbad, NM 88220 | |

Location of Release Source

| Latitude | 32.277111 | Longitude | -103.935915 |
|----------|----------------------------|------------------------|--|
| | (NAD 83 in decimal de | egrees to 5 decim | al places) |
| Site Nam | REMUDA SOUTH 25 STATE 126H | Site Type | Well Location |
| Date Rel | ease Discovered 10/22/2019 | API# (if appl 126H) | licable) 30-015-44392 (REMUDA SOUTH 25 STATE |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| G | 25 | 238 | 29E | EDDY |

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

| Materia | l(s) Released (Select all that apply and attach calculations or specific | justification for the volumes provided below) |
|--------------------------|--|--|
| Crude Oil | Volume Released (bbls) 0.0 | Volume Recovered (bbls) 0.0 |
| Produced Water | Volume Released (bbls) 8.8 | Volume Recovered (bbls) 8.0 |
| | Is the concentration of dissolved chloride in the produced water $> 10,000 \text{ mg/}^2$ | Yes No |
| | produced water >10,000 mg/1? | |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| 🗌 Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| Cause of Release: During | g drilling operations a returns flow line was parted at a | slip joint. Approximately 8.8 bbls of produced water |

Cause of Release: During drilling operations a returns flow line was parted at a slip joint. Approximately 8.8 bbls of produced water was released to pad surface, a vacuum truck recovered 8 bbls. Additional third party resources have been retained to assist in the remediation.

Received by OCD:11/18720212:24:49 PM

| Form C = 1/1 | State of New Merrice | | |
|----------------------------------|----------------------|-------------|---------------|
| rom C-141 | State of New Mexico | Incident ID | NRM1935840155 |
| Page 2 Oil Conservation Division | District RP | | |
| | | Facility ID | |

Application ID

| Was this a major | If YES, for what reason(s) does the responsible party consider this a major release? |
|--------------------------|---|
| release as defined by | |
| 19.15.29.7(A) NMAC? | N/A |
| | |
| TYes No | |
| | ± |
| | |
| | |
| IFVES was immediate n | tion given to the OCD2 Du whom? To whom? Whom and he what many (shows and it state) |
| IT TES, was unmediate in | fince given to the OCD? By whom? To whom? when and by what means (phone, email, etc)? |
| NI/A | |
| IN/A | |
| | |

Initial Response

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

 \square The source of the release has been stopped.

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

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

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

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

There were no fluids released to be contained via the use of berms or dikes, absorbent pads, or other containment devices.

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

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

| Printed Name: Kyle Littrell | Title: <u>SH&E Supervisor</u> |
|-----------------------------------|-----------------------------------|
| Signatures Statem | Date:11/6/2019 |
| email:Kyle_Littrell@xtoenergy.com | Telephone: |
| | |
| OCD Only | |
| Received by: Ramona Marcus | Date: <u>12/24/2019</u> |

Received by OCD: 1/18/2021 2:24:49 PM Form C-141 State of New Mexico

Oil Conservation Division

| | Page 3 of 13 |
|----------------|---------------------|
| Incident ID | NRM1935840155 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data

Page 3

- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- 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: 1/18/202 Form C-141 Page 4 | <i>1 2:24:49 PM</i> State of New Mexi Oil Conservation Div | co ision | Incident ID District RP Facility ID Application ID | Page 4 of 138 NRM1935840155 |
|--|--|---|--|--|
| I hereby certify that the inform regulations all operators are re public health or the environm failed to adequately investigat addition, OCD acceptance of and/or regulations. | nation given above is true and complet equired to report and/or file certain rele ent. The acceptance of a C-141 report te and remediate contamination that po a C-141 report does not relieve the ope | e to the best of my knowled case notifications and perfor by the OCD does not reliev se a threat to groundwater, s rator of responsibility for co | ge and understand that purs m corrective actions for rel e the operator of liability sh urface water, human health ompliance with any other fe | suant to OCD rules and eases which may endanger ould their operations have or the environment. In ederal, state, or local laws |
| Printed Name: | <u>_Kyle Littrell</u> | Title: <u>SH&</u> | E Supervisor | |
| Signature: | - Jutat | Date:01/18, | 2021 | |
| email: <u>Kyle_Littre</u> | ll@xtoenergy.com | _ Telephone | <u>(432)-221-7331</u> | |
| OCD Only | | | | |
| Received by: | | Date: | | - |

Page 6

Oil Conservation Division

| Incident ID | NRM1935840155 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

| Closure Report Attachment Checklist: Each of the following | items must be included in the closure report. |
|---|---|
| \square 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) | 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 | |
| | |
| I hereby certify that the information given above is true and comple and regulations all operators are required to report and/or file certain 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 compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the C | ete to the best of my knowledge and understand that pursuant to OCD rules n release notifications and perform corrective actions for releases which S a C-141 report by the OCD does not relieve the operator of liability mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. |
| Printed Name: Kyle Littrell | Title:SH&E Supervisor |
| Signature: | Date: 01/18/2021 |
| email:Kyle_Littrell@xtoenergy.com | Telephone:432-221-7331 |
| | |
| OCD Only | |
| Received by: | Date: |
| Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |
| | |

State of New Mexico Energy Minerals and Natural Resources Department

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

| Incident ID | NRM2000235975 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

Y17V0-191108-C-1410

| Responsible Party XTO Energy | OGRID 5380 | |
|---|--------------------------------|--|
| Contact Name Kyle Littrell | Contact Telephone 432-221-7331 | |
| Contact email Kyle_Littrell@xtoenergy.com | Incident # (assigned by OCD) | |
| Contact mailing address 522 W. Mermod, Carlsbad, NM 88220 | | |

Location of Release Source

| Latitude | 32.277111 | Longitude | -103.935915 |
|----------|------------------------------|-------------------|---------------------|
| | (NAD 83 in decimal de | grees to 5 decima | l places) |
| Site Nam | e REMUDA SOUTH 25 STATE 126H | Site Type | Well Location |
| Date Rel | ease Discovered 10/25/2019 | API# (if applied | cable) 30-015-44392 |

| Unit Letter | Section | Township | Range | County | |
|-------------|---------|----------|-------------|--------|--|
| G | 25 | 238 | 29 E | EDDY | |

Surface Owner: State Federal Tribal Private (Name:

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) 0.0 | Volume Recovered (bbls) 0.0 |
|------------------|--|---|
| Produced Water | Volume Released (bbls) 10.0 | Volume Recovered (bbls) 8.5 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release: During drilling operations a returns flow line was parted at a slip joint. Approximately 10 bbls of produced water was released to pad surface, a vacuum truck recovered 8.5 bbls. Additional third party resources have been retained to assist in the remediation.

Pages6 66138

Received by OCD:11/88/2021 2:24:49 PM

| Form C = 1/1 | State of New Marian | | |
|--------------|---------------------------|-------------|---------------|
| ronn C-141 | | Incident ID | NRM2000235975 |
| Page 2 | Oil Conservation Division | District RP | |
| | | Facility ID | |

| Was this a major | If YES, for what reason(s) does the responsible party consider this a major release? |
|--------------------------|---|
| release as defined by | |
| 19.15.29.7(A) NMAC? | N/A |
| 🗌 Yes 🖾 No | |
| | |
| | |
| If YES, was immediate no | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| N/A | |

Application ID

Initial Response

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

 \boxtimes The source of the release has been stopped.

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

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

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

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

There were no fluids released to be contained via the use of berms or dikes, absorbent pads, or other containment devices.

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

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

| Printed Name: Kyle Littrell | Title: SH&E Supervisor |
|-----------------------------------|------------------------|
| Signature: Cefulent | Date:11/8/2019 |
| email:Kyle_Littrell@xtoenergy.com | Telephone: |
| | |
| OCD Only | |
| Received by: Ramona Marcus | Date:01/02/2020 |

Received by OCD: 1/18/2021 2:24:49 PM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

| | Page 8 of 13 |
|----------------|---------------------|
| Incident ID | NRM2000235975 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- 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: 1/18/2 Form C-141 | 021 2:24:49 PM State of New Mexic | 0 | In a dant ID | Page 9 of 138 |
|--|---|--|---|---|
| Page 4 | Oil Conservation Divis | sion | District RP | |
| 6 | | | Facility ID | |
| | | | Application ID | |
| I hereby certify that the in regulations all operators as public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations. Printed Name: Signature: email: <u>Kyle_Lin</u> | formation given above is true and complete re required to report and/or file certain relea nment. The acceptance of a C-141 report b igate and remediate contamination that pose of a C-141 report does not relieve the oper <u>Kyle Littrell</u> <u>Garada</u> ttrell@xtoenergy.com | to the best of my knowledge ise notifications and perform y the OCD does not relieve t e a threat to groundwater, sur ator of responsibility for com Title: <u>SH&H</u> Date:0 <u>1/18/2</u> Telephone: _ | and understand that purs corrective actions for rele he operator of liability sh face water, human health pliance with any other fe <u>Supervisor</u> 021 (432)-221-7331 | suant to OCD rules and eases which may endanger ould their operations have or the environment. In deral, state, or local laws |
| OCD Only Received by: Crist | ina Eads | Date:01 | /18/2021 | - |

Page 6

Oil Conservation Division

| Incident ID | NNRM2000235975 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

| <u>Closure Report Attachment Checklist</u> : Each of the following | items must be included in the closure report. | | |
|---|--|--|--|
| A scaled site and sampling diagram as described in 19.15.29.11 NMAC | | | |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) | | | |
| Laboratory analyses of final sampling (Note: appropriate OD | C District office must be notified 2 days prior to final sampling) | | |
| Description of remediation activities | | | |
| | | | |
| I hereby certify that the information given above is true and complet and regulations all operators are required to report and/or file certain 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 compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the O | ete to the best of my knowledge and understand that pursuant to OCD rules in release notifications and perform corrective actions for releases which f a C-141 report by the OCD does not relieve the operator of liability mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for 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. | | |
| Printed Name: Kyle Littrell | Title: <u>SH&E Supervisor</u> | | |
| Signature: | Date:0 <u>1/18/2021</u> | | |
| email:Kyle_Littrell@xtoenergy.com | Telephone:432-221-7331 | | |
| | | | |
| OCD Only | | | |
| Received by: Cristina Eads | Date: 01/18/2021 | | |
| Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations. | | |
| Closure Approved by: Justan and | Date:04/12/2021 | | |
| Printed Name: Cristina Eads | Title: Environmental Specialist | | |
| | | | |

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

State of New Mexico Energy Minerals and Natural Resources Department

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

| Incident ID | NRM2000237294 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

N949D-191108-C-1410

| Responsible Party XTO Energy | OGRID 5380 | |
|---|--------------------------------|--|
| Contact Name Kyle Littrell | Contact Telephone 432-221-7331 | |
| Contact email Kyle_Littrell@xtoenergy.com | Incident # (assigned by OCD) | |
| Contact mailing address 522 W. Mermod, Carlsbad, NM 88220 | | |

Location of Release Source

Latitude <u>32.277111</u>

NAD 83 in decimal degrees to 5 decimal places)

| Site Name REMUDA SOUTH 25 STATE 126H | Site Type Well Location |
|--------------------------------------|-----------------------------------|
| Date Release Discovered 10/25/2019 | API# (if applicable) 30-015-44392 |

| Unit Letter | Section | Township | Range | County | |
|-------------|---------|----------|-------|--------|--|
| G | 25 | 238 | 29E | EDDY | |

Surface Owner: State Federal Tribal Private (Name.

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) 0.0 | Volume Recovered (bbls) 0.0 |
|------------------|--|---|
| Produced Water | Volume Released (bbls) 5.0 | Volume Recovered (bbls) 4.0 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| 🗌 Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release: During drilling operations a returns flow line was parted at a slip joint. Approximately 5 bbls of produced water was released to pad surface, a vacuum truck recovered 4 bbls. Additional third party resources have been retained to assist in the remediation.

• •

Received by OCD:11/18/2021 2:24:49 PM

| $E_{\text{arms}} \subset 1.41$ | State of New Marias | | |
|--------------------------------|---------------------------|----------------|---------------|
| r0fill C-141 | State of New Mexico | Incident ID | NRM2000237294 |
| Page 2 | Oil Conservation Division | District RP | |
| | | Facility ID | |
| | | Application ID | |

| Was this a major release as defined by | If YES, for what reason(s) does the responsible party consider this a major release? |
|--|---|
| 19.15.29.7(A) NMAC? | N/A |
| 🗌 Yes 🖾 No | |
| | |
| | |
| If YES, was immediate no | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| N/A | |

Initial Response

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

 \square The source of the release has been stopped.

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

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

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

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

There were no fluids released to be contained via the use of berms or dikes, absorbent pads, or other containment devices.

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

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

| Printed Name: Kyle Littrell | Title: <u>SH&E Supervisor</u> |
|-----------------------------------|-----------------------------------|
| Signature Subach | Date: <u>11-8-19</u> |
| email:Kyle_Littrell@xtoenergy.com | Telephone: |
| OCD Only | |
| Received by: <u>Ramona Marcus</u> | Date: 1/2/2020 |

Received by OCD: 1/18/2021 2:24:49 PM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

| | Page 13 of 13 |
|----------------|---------------|
| Incident ID | NRM2000237294 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

| What is the shallowest depth to groundwater beneath the area affected by the release? | | |
|---|------------|--|
| Did this release impact groundwater or surface water? | | |
| 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
- \square Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- 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: 1/18/20 Form C-141 Page 4 | 21 2:24:49 PM State of New Me Oil Conservation D | xico ivision | Inci Dis Fac App | ident ID trict RP ility ID blication ID | Page 14 of 138 NRM2000237294 |
|--|---|---|---|---|--|
| I hereby certify that the info regulations all operators are public health or the environn failed to adequately investig addition, OCD acceptance o and/or regulations. | rmation given above is true and comp required to report and/or file certain r nent. The acceptance of a C-141 repo ate and remediate contamination that f a C-141 report does not relieve the c | lete to the best of my knowl elease notifications and perfort by the OCD does not reli pose a threat to groundwate operator of responsibility for | edge and und form correctiv eve the opera c, surface wat compliance v | erstand that purs re actions for rele tor of liability sh er, human health with any other fea | uant to OCD rules and eases which may endanger ould their operations have or the environment. In deral, state, or local laws |
| Printed Name: | <u>_Kyle Littrell</u> | Title: <u>S</u> | H&E Superv | <u>lsor</u> | |
| Signature: | a parte a | Date:01// | 8/2021 | | |
| email: <u>Kyle_Littr</u> | ell@xtoenergy.com | Telepho | ne: <u>(43</u> | <u>2)-221-7331</u> | |
| OCD Only | | | | | |
| Received by: | | Date: | | | |

Page 6

Oil Conservation Division

| Incident ID | NRM2000237294 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

| Closure Report Attachment Checklist: Each of the following a | tems must be included in the closure report. |
|--|---|
| \square 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) | 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 | |
| | |
| I hereby certify that the information given above is true and complete and regulations all operators are required to report and/or file certain 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 compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the O | te to the best of my knowledge and understand that pursuant to OCD rules n release notifications and perform corrective actions for releases which a C-141 report by the OCD does not relieve the operator of liability mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. |
| Printed Name: Kyle Littrell | Title:SH&E Supervisor |
| Signature: | Date: 01/18/2021 |
| email: <u>Kyle_Littrell@xtoenergy.com</u> | Telephone: <u>432-221-7331</u> |
| | |
| OCD Only | |
| Received by: | Date: |
| Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |
| | |

WSP USA

3300 North "A" Street Building 1, Unit 222 Midland, Texas 79705 432.704.5178

January 19, 2021

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

Re: Closure Request Remuda South 25 State 126H Incident Numbers: NRM1935840155, NRM2000235975, and NRM2000237294 Eddy County, New Mexico

To Whom It May Concern:

WSP USA Inc. (WSP, formerly LT Environmental, Inc.), on behalf of XTO Energy, Inc. (XTO), presents the following Closure Request detailing site assessment, excavation, and soil sampling activities at the Remuda South 25 State 126H (Site) in Unit G, Section 25, Township 23 South, Range 29 East, in Eddy County, New Mexico (Figure 1). The purpose of the site assessment, excavation, and soil sampling activities was to address impacts to soil following three produced water release events at the Site. Based on field observations, excavation activities, and soil sample laboratory analytical results, XTO is submitting this Closure Request and requesting no further action (NFA) for Incident Numbers NRM1935840155, NRM2000235975, and NRM2000237294.

RELEASE BACKGROUND

On October 22, 2019, during drilling operations, a returns flow line was parted at a slip joint, resulting in the release of approximately 8.80 barrels (bbls) of produced water onto the well pad surface. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately 8.0 bbls were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on Release Notification and Corrective Action Form C-141 (Form C-141) on November 6, 2019. The release was assigned Incident Number NRM1935840155.

On October 25, 2019, during drilling operations, a returns flow line was parted at a slip joint, resulting in the release of approximately 10 bbls of produced water onto the well pad surface. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately 8.5 bbls were recovered. XTO reported the release to the NMOCD on a Form C-141 on November 8, 2019. The release was assigned Incident Number NRM2000235975.

On October 25, 2019, during drilling operations, a returns flow line was parted at a slip joint, resulting in the release of approximately 5.0 bbls of produced water onto the well pad surface. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately 4.0 bbls

vsp

District II Page 2

were recovered. XTO reported the release to the NMOCD on a Form C-141 on November 8, 2019. The release was assigned Incident Number NRM2000237294.

SITE CHARACTERIZATION

WSP characterized the Site according to Table 1, *Closure Criteria for Soils Impacted by a Release*, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 321717103561001, located approximately 4,005 feet north of the Site. The water well has a depth to groundwater of approximately 50 feet bgs. The total depth of the well could not be determined. Ground surface elevation at the water well location is 3,033 feet above mean seal level (AMSL), which is approximately 31 feet lower in elevation than the Site. The associated referenced well records are included in Attachment 1.

In an effort to confirm depth to water in the area, a borehole (C-04494) was advanced 0.29 miles southwest of the Site to a depth of 105 feet bgs via sonic drill rig. The location of the borehole is provided on Figure 1. A WSP geologist logged and described soils continuously. The borehole lithologic/soil sampling log is included in Attachment 2. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. On January 8, 2021, after the 72-hour waiting period ended without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 105 feet bgs. The borehole was properly abandoned utilizing hydrated bentonite chips.

The closest continuously flowing water or significant watercourse to the Site is a dry wash, located approximately 529 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). The Site receptors are identified on Figure 1.

CLOSURE CRITERIA

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg



District II Page 3

Chloride: 20,000 mg/kg

SITE ASSESSMENT AND SOIL SAMPLING ACTIVITIES

On February 10, 2020, WSP personnel visited the Site to evaluate the release extents based on information provided on the Form C-141s and visual observations. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positing System (GPS) unit and are presented on Figure 2. The release extents overlapped, and the final mapped extent shown on Figure 2 is the outer boundary of all releases combined. WSP personnel collected six preliminary soil samples (SS01 through SS06) within the release extent from a depth of approximately 0.5 feet bgs to assess the lateral extent of the releases. Soil was field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photoionization detector (PID) and Hach[®] chloride QuanTab[®] test strips, respectively.

The preliminary soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Xenco Laboratories (Xenco) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for preliminary soil samples SS01 through SS06 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. However, additional assessment activities were warranted to further confirm the absence of impacted soil within the subsurface. Photographic documentation was conducted during the Site visit. Photographic log is included in Attachment 3.

DELINEATION SOIL SAMPLING ACTIVITIES

Further delineation and remediation efforts were postponed due to ongoing drilling operations at the well pad near the release, resulting in activity restrictions at the Site due to safety concerns. Per 19.15.29.12.B.(1) NMAC, four extensions for submission of a remediation plan or closure report were requested and approved by the NMOCD. The initial extension was requested and approved on January 16, 2020, the second was approved April 29, 2020, the third was approved September 14, 2020, and the final extension was approved November 24, 2020, extending the deadline to January 20, 2021.

On September 21, 2020, during a brief break in drilling operations, WSP personnel returned to the Site to oversee additional soil assessment activities. Five potholes (PH01 through PH05) were advanced using a track-mounted backhoe to an approximate depth of 3 feet bgs at the SS02 through SS06 preliminary soil sample locations to confirm the absence of impacted soil. One delineation soil sample was collected from each pothole PH01 through PH05, from a depth of 3

NSD

District II Page 4

feet bgs. Soil from the potholes was field screened for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach[©] chloride QuanTab[©] test strips, respectively. Field screening results and observations for each pothole were logged on lithologic/soil sampling logs, which are included in Attachment 1.

Additionally, WSP collected four lateral delineation soil samples (SS07 through SS10) from a depth of 0.5 feet bgs around the release area, to confirm the lateral extent of the release. The potholes and delineation soil sample locations are depicted on Figure 3. The delineation soil samples were collected, handled, and analyzed as described above at Xenco in Carlsbad, New Mexico.

EXCAVATION ACTIVITIES

Based on observed staining and field screening results, WSP directed excavation activities to remove discolored soil in the area around preliminary soil sample SS01. To direct excavation activities, WSP screened soil for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach[®] chloride QuanTab[®] test strips, respectively. The final excavation measured approximately 200 square feet and was completed to a depth of 1-foot bgs. Following removal of impacted soil, LTE collected a 5-point composite soil sample from the floor of the excavation. The 5-point composite sample was collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the sample by thoroughly mixing. One composite floor soil sample (FS01) was collected from the excavation at a depth of approximately 1-foot bgs. The excavation soil sample was collected, handled, and analyzed as described above. The excavation extent and excavation soil sample location are presented on Figure 4.

The excavation measured approximately 200 square feet in area. A total of approximately 7.5 cubic yards of impacted soil were removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Facility located in Hobbs, New Mexico. After completion of confirmation sampling, the excavation was backfilled immediately.

ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS06 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria.

Laboratory analytical results for delineation soil samples PH01 through PH05 and SS07 through SS10 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria and provide lateral and vertical delineation to below the most stringent Table 1 Closure Criteria.

Laboratory analytical results for excavation floor sample FS01 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria.

vsp

District II Page 5

Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Attachment 4.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the October 22, 2019 and October 25, 2019, produced water releases. Laboratory analytical results for the preliminary, delineation, and excavation soil samples indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria and no further remediation was required.

Based on laboratory analytical results compliant with the Closure Criteria and confirmed depth to groundwater greater than 105 feet bgs, XTO respectfully requests NFA for Incident Numbers NRM1935840155, NRM2000235975, and NRM2000237294.

If you have any questions or comments, please do not hesitate to contact Ms. Ashley Ager at (970) 385-1096.

Sincerely,

WSP USA Inc.

Kalei Jennings

Kalei Jennings Associate Consultant, Environmental Scientist

Ashley L. Ager

Ashley L. Ager, P.G. Managing Director, Geologist

cc: Kyle Littrell, XTO Ryan Mann, New Mexico State Land Office

Attachments:

- Figure 1 Site Location Map
- Figure 2 Preliminary Soil Sample Locations
- Figure 3 Delineation Soil Sample Locations
- Figure 4 Excavation Soil Sample Locations
- Table 1Soil Analytical Results
- Attachment 1 Referenced Well Records
- Attachment 2 Lithologic/Soil Sampling Log
- Attachment 3 Photographic Log

Received by OCD: 1/18/2021 2:24:49 PM



District II Page 6

Attachment 4 Laboratory Analytical Reports

Received by OCD: 1/18/2021 2:24:49 PM

FIGUR





Released to Imaging: 4/12/2021 10:04:20 AM

P:XTO Energy/GIS/MXD/012919260_REMUDA SOUTH 25 STATE 126H/012919260_FIG02_PRELIMINARY_2020_1.mxd



Released to Imaging: 4/12/2021 10:04:20 AM

P:\XTO Energy\GIS\MXD\012919260_REMUDA SOUTH 25 STATE 126H\012919260_FIG03_DELINEATION_2020.mxd



Released to Imaging: 4/12/2021 10:04:20 AM

P:\XTO Energy\GIS\MXD\012919260_REMUDA SOUTH 25 STATE 126H\012919260_FIG04_EXCAVATION_2020.mxd

Received by OCD: 1/18/2021 2:24:49 PM

TABLES

Released to Imaging: 4/12/2021 10:04:20 AM

.

Table 1

Soil Analytical Results Remuda South 25 State 126H Incident Numbers: NRM1935840155, NRM2000235975, and NRM2000237294 Eddy County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft bgs) | Benzene (mg/kg) | BTEX (mg/kg) | TPH-DRO (mg/kg) | TPH-GRO (mg/kg) | TPH-ORO (mg/kg) | Total GRO+DRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|--|----------------------|--------------------------|--------------------|-----------------|--------------------|--------------------|--------------------|-----------------------------|----------------|---------------------|
| NMOCD Table 1 Closu | ure Criteria (NMAC 1 | 9.15.29) | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Surface Samples | | | | | | | | | | |
| SS01 | 02/10/2020 | 0.5 | < 0.000182 | < 0.000182 | 83.0 | <50.1 | <50.1 | 83.0 | 83.0 | 14,700 |
| SS02 | 02/10/2020 | 0.5 | < 0.00201 | < 0.00201 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 4,770 |
| SS03 | 02/10/2020 | 0.5 | < 0.00201 | <0.00201 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 4,030 |
| SS04 | 02/10/2020 | 0.5 | < 0.00201 | <0.00201 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 4,580 |
| SS05 | 02/10/2020 | 0.5 | < 0.00202 | <0.00202 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 4,380 |
| SS06 | 02/10/2020 | 0.5 | < 0.00200 | < 0.00200 | 76.0 | <50.2 | <50.2 | 76.0 | 76.0 | 1,950 |
| Delineation Samples | | | | | | | | | | |
| PH01 | 09/21/2020 | 3 | < 0.00200 | < 0.00200 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 30.5 |
| PH02 | 09/21/2020 | 3 | < 0.00199 | < 0.00199 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | <10.0 |
| PH03 | 09/21/2020 | 3 | < 0.00200 | < 0.00200 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 416 |
| PH04 | 09/21/2020 | 3 | < 0.00201 | < 0.00201 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | <10.0 |
| PH05 | 09/21/2020 | 3 | < 0.00198 | < 0.00198 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 20.7 |
| SS07 | 09/21/2020 | 0.5 | < 0.00200 | < 0.00200 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 96.2 |
| SS08 | 09/22/2020 | 0.5 | < 0.00200 | < 0.00200 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 205 |
| SS09 | 09/22/2020 | 0.5 | < 0.00200 | < 0.00200 | 57.1 | <49.9 | <49.9 | 57.1 | 57.1 | 494 |
| SS10 | 09/21/2020 | 0.5 | < 0.00200 | < 0.00200 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 480 |
| Excavation Samples | | | | | | | | | | |
| FS01 | 09/21/2020 | 1 | < 0.00198 | < 0.00198 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 217 |
| - feet/foot ORO - motor oil range organics | | | | | | | | | | |

mg/kg - milligrams per kilograms

BTEX - benzene, toluene, ethylbenzene, and total xylenes

TPH - total petroleum hydrocarbons

DRO - diesel range organics

GRO - gasoline range organics

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

< - indicates result is less than the stated laboratory method practical quantitation limit

NE - Not Established

BOLD - indicates results exceed the higher of the background sample result or applicable regulatory standard

Received by OCD: 1/18/2021 2:24:49 PM

USGS Home Contact USGS Search USGS

✔ GO

Science for a changing world

National Water Information System: Web Interface

USGS Water Resources

| Groundwater 🖌 | Inited States | |
|----------------|------------------|--|
| Data Category: | Geographic Area: | |

Click to hideNews Bulletins

• Introducing The Next Generation of USGS Water Data for the Nation

• Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321717103561001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321717103561001 23S.29E.24.41321

Eddy County, New Mexico Latitude 32°17'17", Longitude 103°56'10" NAD27 Land-surface elevation 3,034 feet above NAVD88 This well is completed in the Rustler Formation (312RSLR) 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 measu |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|----------------------|
| | | | | | | | | | | |
| 1983-02-02 | | D | 72019 | 52.17 | | | | U | | |
| 1987-10-14 | | D | 72019 | 50.54 | | | | U | | |
| 1992-11-16 | | D | 72019 | 54.14 | | | | S | | |
| 2003-01-29 | | D | 72019 | 50.26 | | | | S | USGS | |

| Section | Code | Description |
|--------------------------------|-------|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | S | Steel-tape measurement. |
| Method of measurement | U | Unknown method. |
| Measuring agency | | Not determined |
| Measuring agency | USGS | U.S. Geological Survey |
| Source of measurement | А | Reported by another government agency (do not use "A" if reported by owner, use "O"). |
| Source of measurement | U | Source is unknown. |
| Water-level approval status | А | Approved for publication Processing and review completed. |

Receiped by OCD: 1/18/2021 2:24:49 PM

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior U.S. Geological Survey Title: Groundwater for USA: Water Levels USA.gov

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2021-01-18 10:45:17 EST 0.42 0.36 nadww01



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

| USGS | Water | Resources | |
|------|-------|-----------|--|

Data Category: Groundwater Geographic Area: United States

GO

GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

• 321717103561001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321717103561001 23S.29E.24.41321

Available data for this site Groundwater: Field measurements 🗸

Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°17'17", Longitude 103°56'10" NAD27 Land-surface elevation 3,034 feet above NAVD88 This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2021-01-18 10:40:19 EST 0.76 0.54 nadww01



USGS Home Contact USGS Search USGS



National Water Information System: Web Interface

USGS Water Resources

| ata Category: | | Geographic Area: | |
|---------------|---|------------------|--|
| Groundwater | ~ | United States | |

GO

×

Click to hideNews Bulletins

• Introducing The Next Generation of USGS Water Data for the Nation

• Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321742103552601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321742103552601 23S.30E.19.123421

Eddy County, New Mexico Latitude 32°17'42", Longitude 103°55'26" NAD27 Land-surface elevation 3,034 feet above NAVD88 The depth of the well is 100 feet below land surface. This well is completed in the Rustler Formation (312RSLR) local aquifer. Output formats

<u>Table of data</u>

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 measu |
|------------|------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|----------------------|
| | | | | | | | | | | |
| 1959-02-06 | | D | 72019 | 78.10 | | | Р | U | | |
| 1959-04-07 | | D | 72019 | 69.30 | | | | U | | |
| 1972-09-20 | | D | 72019 | 68.75 | | | | U | | |
| 1975-12-09 | | D | 72019 | 68.99 | | | | U | | |
| 1976-01-15 | | D | 72019 | 70.10 | | | | U | | |
| 1977-01-19 | | D | 72019 | 68.40 | | | | U | | |
| 1987-10-14 | | D | 72019 | 67.32 | | | | U | | |
| 1993-05-06 | | D | 72019 | 66.10 | | | | S | | |

| Explanation | | | | | | |
|--------------------------------|-------|--|--|--|--|--|
| Section | Code | Description | | | | |
| Water-level date-time accuracy | D | Date is accurate to the Day | | | | |
| Parameter code | 72019 | Depth to water level, feet below land surface | | | | |
| Status | | The reported water-level measurement represents a static level | | | | |
| Status | Ρ | Water level was affected by pumping at the time of the measurement | | | | |
| Method of measurement | S | Steel-tape measurement. | | | | |
| Method of measurement | U | Unknown method. | | | | |
| Measuring agency | | Not determined | | | | |

Rettense with white the second state of state of

Recained by OCD: 1/18/2021 2:24:49 PM

USGS Groundwater for USA: Water Levels -- 1 sites

| Section | Code | Description | |
|-----------------------------|------|---|--|
| Source of measurement | U | Source is unknown. | |
| Water-level approval status | А | Approved for publication Processing and review completed. | |

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

USA.gov

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2021-01-18 10:47:45 EST 0.32 0.29 nadww01



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

| USGS | Water | Resources | |
|------|-------|-----------|--|

Data Category: Groundwater Geographic Area: United States

GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- <u>Full News</u> 🔝

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

• 321742103552601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321742103552601 23S.30E.19.123421

Available data for this site Groundwater: Field measurements V GO

Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°17'42", Longitude 103°55'26" NAD27 Land-surface elevation 3,034 feet above NAVD88 The depth of the well is 100 feet below land surface. This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period


Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2021-01-18 10:47:12 EST 0.7 0.6 nadww01





New Mexico Office of the State Engineer Point of Diversion Summary

| | | | (quarter | rs are 1=N | W 2=] | NE $3=S'$ | W 4=SE) | | | |
|-------------|-------|-------------------|------------|------------|----------|-----------|----------|---------------|--------------|---------|
| | | | (quarte | ers are sm | allest t | o larges | t) | (NAD83 UT | M in meters) | |
| Well Tag | POD | Number | Q64 (| Q16 Q4 | Sec | Tws | Rng | Χ | Y | |
| NA | C 04 | 4326 POD14 | 4 | 2 3 | 23 | 23S | 29E | 598191 | 3572765 | |
| Driller Lic | ense: | 1664 | Driller | Compa | ny: | CA | SCADE | E DRILLING | , LP | |
| Driller Na | me: | CAIN, SHAWN | N.NJR.L.NE | R | | | | | | |
| Drill Start | Date: | 05/11/2019 | Drill Fi | nish Da | te: | 0 | 5/11/201 | 19 Plu | g Date: | |
| Log File D | ate: | 08/28/2019 | PCW R | cv Date | : | | | Sou | irce: | Shallow |
| Ритр Тур | e: | | Pipe Di | scharge | Size | : | | Est | imated Yield | d: |
| Casing Siz | e: | 2.06 | Depth V | Well: | | 5 | 8 feet | Dej | oth Water: | 54 feet |
| : | Wate | r Bearing Stratif | ications: | To | p E | Bottom | Descr | ription | | |
| | | | | 4 | 15 | 54 | Shale | /Mudstone/S | iltstone | |
| X | | Casing Per | forations: | Та | op E | Bottom | l | | | |
| | | | | / | 19 | 59 | | | | |

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.

1/18/21 8:51 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

| | | | (quarte | ers are 1=N | W 2= | NE $3=S'$ | W 4=SE) | | | |
|-------------|-------|-------------------|------------|-------------|--------|-----------|----------|--------------|--------------|---------|
| | | | (quar | ters are sm | allest | to larges | t) | (NAD83 UT | M in meters) | |
| Well Tag | POD | Number | Q64 | Q16 Q4 | Sec | Tws | Rng | Χ | Y | |
| NA | C 04 | 4326 POD16 | 2 | 4 3 | 23 | 23S | 29E | 598209 | 3572664 | 9 |
| Driller Lic | ense: | 1664 | Driller | Compa | ny: | CA | SCADE | DRILLING, | , LP | |
| Driller Na | me: | CAIN, SHAWN | N.NJR.L.NI | ER | | | | | | |
| Drill Start | Date: | 05/14/2019 | Drill F | inish Da | te: | 0: | 5/14/201 | 19 Plu | g Date: | |
| Log File D | ate: | 08/28/2019 | PCW I | Rev Date | e: | | | Sou | rce: | Shallow |
| Ритр Тур | e: | | Pipe D | ischarge | Size | : | | Esti | imated Yiel | d: |
| Casing Siz | e: | 2.07 | Depth | Well: | | 6- | 4 feet | Dep | oth Water: | 54 feet |
| C | Wate | r Bearing Stratif | ications: | To | p E | Bottom | Descr | ription | | |
| | | | | 4 | 52 | 60 | Limes | stone/Dolomi | te/Chalk | |
| i. | | Casing Per | forations: | Te | p E | Bottom | l | | | |
| | | | | 4 | 54 | 64 | | | | |
| | | | | | | | | | | |

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.

1/18/21 8:52 AM

POINT OF DIVERSION SUMMARY

| unspected Depth (it bgs) Depth (it bgs) Depth (it bgs) Depth (it bgs) Lithology/Remarks Backfill / Well unspected 0 | Lat/Lo 32.27 Backf | ong: 4194,-103. Il or Well C ogy and de | LITH(939575 Constructi scriptions |) OLOG | 5 Carl BIC / SOIL erials / Comr no field scree | WS 08 West 5 sbad, Net Sample Sample Field Scre N/A nents: ning. Borel | P USA Stevens S w Mexico LING LO tening: nole backfi | itreet 88220 G Illed with d | rill cuttings | BH or MW Name: BH01 (POD 1, C-4494) Site Name: Remuda Frac RP or Incident Number: I WSP Job Number: Logged By: BB, LD, FS Hole Diameter: 6.25", 4.25" | c Pond Fac NAB19273 TE012919 TE012919 | Date: 11/18/2020-12/02/2020 ility 32462 195 Method: Hollow Stem A Total Depth: 56.1 Depth to Water: DRY from 10' to surface. |) \uger | |
|--|--------------------------|--|---|-----------|--|--|---|---|--|---|---|---|---|--------------------------|
| III 1 SP-SC 0-4'; SAND W (day, dry brown, poorly graded, fine grained, 10% clay, some roots, no stain, no odor. CCHE 4'-24'; CALICHE, dry, light brown-tan, poorly consolidated, some sub-round caliche pebble and gravel, very siliy, gradational transition, no stain, no odor. 10 10 CCHE 4'-24'; CALICHE, dry, light brown-tan, poorly consolidated, some sub-round caliche pebble and gravel, very siliy, gradational transition, no stain, no odor. 10 20 19', moderately consolidated. 11' 20 CL-S 24'-39', MUDSTONE, dry, reddish-brown, low plasticity, cohesive, well consolidated, trace sub-angular caliche pebbles, sharp transition, no stain, no odor. 30 30 34', tan-light brown sub-angular calcium carbonate gravel with dissolution features (1-3mm). 11/18/2020: air rotary hole diameter to 4.25'. LS 39'-56.1', air rotary, hole diameter to 4.25'. 12/20/2020: continue dilling @ 448 bgs. 11/18/2020: air rotary refusal, TD@448' bgs. 50 DOLO 48'-56.1', DOLOMITE, dry, of white, moderately consolidated, thin dark gray laminations, no stain, no odor. 11/18/2020: air rotary refusal, TD@448' bgs. 11/18/2021: air rotary laminations, no stain, no odor. | Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | | Lithology/R | emarks | | Back We Compl | tfill / ell letion |
| | | | | | | | | CCHE CL-S | 0-4', SAN grain 4'-24', CA con grav no o 19', mod 24'-39', N plas ang no o 34', tan-I grav 39'-56.1' 39'-48', I well mm stai 11/18/20 12/02/20 48'-56.1' con no o TD @ 56 | ID w/ clay, dry brown ed, 10% clay, some ALICHE, dry, light bro- solidated, some sub- rel, very silty, gradati odor. AUDSTONE, dry, red ticity, cohesive, well ular caliche pebbles, odor. ght brown sub-angu rel with dissolution fe <u>air rotary, hole diam</u> DOLOMITIC LIMEST consolidated, some), sharp transition, lig n, no odor. DOLOMITE, dry, of solidated, thin dark g odor. | n, poorly roots, no own-tan, -round ca ional tran ional tran ddish-brc consolid , sharp tr lar calciu eatures (neter to 4 ONE, dr dissoluti ght reacti l, TD@4 g @ 48'bg ff white, r gray lami | graded, fine o stain, no odor. poorly aliche pebble and hsition, no stain, own, low lated, trace sub- ransition, no stain, um carbonate 1-3mm). 4.25". y, tan-light brown, ion features (1-3 ion to HCL, no 8' bgs. gs noderately nations, no stain, | Drill Cuttings backfilled from 56.1' to 10' to surface Hydrated Bentonite Chips from 10' to surface | |

Page 42 of 138

| | | | 1 | | W | SP USA | | BH or PH Name: RHD1C (1) 1-5-7()71 |
|----------|-------------------|----------------|----------|-----------|-----------------------------|-------------------|---------------------|---|
| | | | | | SNI Wart | | | 1)101((ont) 1-J-COLI |
| | | | | C | rished No | In Manua | 1 182230 | RP or Incident Number: |
| | | | | | | | | WSP Job Number: 7E92919260 TE012919195.7E00 |
| ot/l ou | | LITH | OLOG | SIC / SO | IL SAMPI | LING LO | G | Logged By: RB F.S Method: Son 2 |
| 32 | ,274) | 194 -1. | 7 97 | 9575 | Field Scr | eening: | | Hole Diameter: 11 Total Depth: 155 |
| Comm | ents: 13 | one hol | - b | rele fill | rd w | dr.V | 1 with | his Ann 1/25'- 10' 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | 0-3- | ctac | e, Lin | 01027 | descrip | tions | only no field screenby, |
| Moisture | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithology/Remarks |
| | | | | | 1 | 1 31 | DOL | |
| | | | | | - | 52 | | |
| | | | | | | 53 | | |
| | | | | | | 54 | | |
| | | | | | | - 34 | | |
| | | | | | 4 | 55 | - | A 55' |
| | | | | | | 56 | | 1/5/2021 |
| | | | | | 1 | | | 55' 11' DOLOMITE day lifter on |
| | ŏ 1 H | | | | + | - 57 | | 55-65 6000000 -, 19, 13, 13, 31, 31, 31, 31, 31, 31, 31, 31 |
| | | | | | 1 1 | 58 | | well consolidated, some calcin |
| | | | | | + | 50 | | Ciystalline veins (LImm) some dissoluti |
| | | | | | 1 1 | | | features (2mm) with fine calling |
| | | | | | 1 4 | 60 | | Crystalling, trace orange exiderian |
| | | | | | + | 61 | | Staining within dissolution Rectures, no 540 |
| | | | | | Ţ | - | | 10 oder |
| | | | | | + | 02 | | 66, brain - pale yellow course regstalline |
| | | | | 1.1 | 1 | 63 | | dolowitic linestone stringer (Zcm) |
| | | | | | + | 64 | | 63-65 11 1 1 1 1 1 1 1 1 1 |
| | | | | | ± | | | Aborder Colorie cystalline wins(() |
| | | | | | + | 65 | | 63-65 Pale green - gray, pooly runsolidered |
| | | | | | t | 66 | H-2 | 65-69 MUDSTONE, noist, reddish brown, |
| | | | | | Ţ | | | pourly impolidened, high play theiry, estusi |
| | | | | | + | 6/ | | abundant coarse crystalline system, tem |
| | | | | | 1 | 68 | | Pala green-gray mottling no state. |
| | | | | | ł | 69 | | A. oder. |
| | | | | | + | | SP 4 | 5-81. Sypsum we Anhydrith, day, greensh |
| | | | | | 1 | 70 | " | Ster same pole vollar well insolidere |
| | | | | | t | 71 | | due to the 2.9 and drive |
| | | | | | t | | | The crystalling, colo any write, no star |
| | | | | | 1 | 72 | | 110 00.31. |
| | | | | | ŧ | 73 | | |
| | | | | | t | | | |
| | | | | | + | 74 | | |
| 1 | | | | | 1 | | | |

Released to Imaging: 4/12/2021 10:04:20 AM

Page 43 of 138

| | LITHO | LOGIC / | SOIL SAMPL | NG LO | G | WSP Job Number: TE012114220, TE01219145, TE0121919034 Logged By. BS, FS. Method: 5-412 |
|--|------------------|----------|-------------------------------|--|---------------------|--|
| at/Long: | 64 -10 | 1.9 3457 | 5 Field Scree | ening: | | Hole Diameter: 6" Total Deptri: 1651 |
| Comments: 2,7 | mology 5'- 10 | descri | intims only, | no f. | ield S | 10 - Surface. |
| Moisture Content Chloride (ppm) | Vapor (ppm) | Staining | # Sample Depth (ft bgs) | Depth (ft bgs) | JSCS/Rock Symbol | Lithology/Remarks |
| | | | | 76 77 78 79 80 81 82 83 84 85 86 87 88 90 91 92 91 92 93 94 95 96 97 98 99 | GYP CH-S | 81'-98' Mudstone, moist, dark reddish bown, moderney consolidated, high plestery, cohoin trace course crystallim sypsum inclus. nº stain, no oder. 85'- 86,5' greenish - grey well consolidated course crystalline sypsum/ cabydime stringer 90'-98' some time scain brown scand. 91' dark sray-gray sypsum stringer (4cm) 98'-955' GYPSUM, dark sray-sny, some brown, dry, well rensolidated, fire-lorne crystalline, no stain, no oder. 925'-105' scaly SILTSTONE, moitt, brown, some sray-due somy, porty consolid end oder. 102', thin Klan) lamineted gray twell consolidates shale stringer. |

Released to Imaging: 4/12/2021 10:04:20 AM

OCD: 1/18/2021 Page 44 of 138 Received by BH or PH Name Date: BHOl(conf) WEP USA -5-2021 Site Name: Re 1125 CAR Named Streamon Stream **RP or Incident Nr** WSP Job Number TE 012 911760, TE 012914145FE97914039 Method: Soni c LITHOLOGIC / SOIL SAMPLING LOG Logged By: 80 FS Latlong: 32.274(194),-107.939 575 Field Screening: Hole Diameter Total Depth 5 NA Comments In the last of the sort of tidd schering Barelole built lied from 105-10, he leasted benonite philos from 10- surface dall artings with Depth (ft bgs) Moisture Content Chloride (ppm) Staining Sample Vapor (ppm) Sample Lithology/Remarks Depth (ft bgs) 102', thin (Imm) In mind black/gray well 102 Consolid and shale stringer (4cm thiske) 103 103 TDC 105 655 104 105 TOELOS 106 107 108 109 110 112 113 114 115 116 117 118 119 120 121 122 123 124 125

| | | | | | | | | | BH or PH Name: | | Date: | |
|---------------------|-------------------|----------------|----------|------------|-----------------------------|-------------------|---------------------|-----------|---------------------|-------------|--------------|-----------------------|
| | | | | | WS | SP USA | | | PH01 | | 9/21/2020 | |
| | | | | Ę | 08 West S | Stevens S | Street | | Site Name: | Remuda S | S 25 126H | |
| | | | | Car | Isbad, Ne | w Mexico | 88220 | | Incident Number: | NRM1935 | 840155, NRM2 | 2000235975, and NRM20 |
| | | | | | | | | | LTE Job Number: | | | |
| | | LITH | OLOG | SIC / SOII | | ING LO | G | | Logged By Will Math | ner | Method: | Backhoe |
| Lat/Lo | ng: | | | | Field Scre | ening: | | | Hole Diameter: | | Total Depth: | |
| Comm | nents: | | | | Chionde, | PID | | | | | | |
| | | 1 | | | • | | | • | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | | I | _ithology/F | Remarks | |
| | | | | | | 0 | | | | | | |
| | | | | | - | \mathbf{F} | | | | | | |
| | | | | | - | t – | | | | | | |
| | 2,004 | 0.3 | Ν | | 1' | 1 | | sand, fir | ne grian, poorly g | raded, Br/ | Rd, some si | lt, no stain, no odor |
| | | | | | • | + | | | | | | |
| | | | | | | F . | | | | | | |
| | 800 | 0.4 | Ν | | 2' | 2 | | Same a | s Above (SAA) | | | |
| | | | | | - | ł | | | | | | |
| | | | | | | | | | | | | |
| | <168 | 0.4 | N | PH01 | 3' _ | 3 | | SAA | | | | |
| | | | | | - | + | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | - | 4 | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | . | | | | | | | |
| | | | | | - | 5 | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | 6 | | | | | | |
| | | | | | - | 0 | | | | | | |
| | | | | | - | L | | | | | | |
| | | | | | . | 7 | | | | | | |
| | | | | | - | t ' | | | | | | |
| | | | | | - | <u> </u> | | | | | | |
| | | | | | . | 8 | | | | | | |
| | | | | | - | Ĺ | | | | | | |
| | | | | | - | F | | | | | | |
| | | | | | - | 9 | | | | | | |
| | | | | | - | [| | | | | | |
| | | | | | - | F | | | | | | |
| | | | | | . | 10 | | | | | | |
| | | | | | . | Ļ | | | | | | |
| | | | | | - | ╞ | | | | | | |
| | | | | | - | 11 | | | | | | |
| | | | | | . | ŀ | | | | | | |
| | | | | | - | ┢ | | | | | | |
| | | | | | <u> </u> | 12 | | | | | | |

| | | | | | | | | | BH or PH Name: | | Date: | |
|---------------------|-------------------|----------------|----------|------------|-----------------------------|-------------------|---------------------|-----------|---------------------|-------------|--------------|-----------------------|
| | | | | | WS | P USA | | | PH02 | | 9/21/2020 | |
| | | | | F | 08 West | Stevens S | Street | | Site Name: | Remuda S | 6 25 126H | |
| | | | | Car | lsbad, Ne | w Mexico | 88220 | | Incident Number: | NRM1935 | 840155, NRM2 | 000235975, and NRM200 |
| | | | | | | | | | LTE Job Number: | | | |
| | | LITH | OLOG | BIC / SOII | SAMPL | ING LO | G | | Logged By Will Math | ner | Method: | Backhoe |
| Lat/Lo | ong: | | | | Field Scre | ening: | | | Hole Diameter: | | Total Depth: | |
| Comm | nents: | | | | Chionde, | FID | | | | | | |
| | | 1 | 1 | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | | I | _ithology/F | Remarks | |
| | | | | | | 0 | | | | | | |
| | | | | | - | - | | | | | | |
| | | | | | - | | | | | | | |
| | 2,004 | 0.6 | Ν | | 1' _ | 1 | | sand, fir | ne grian, poorly g | raded, Br/ | Rd, some si | lt, no stain, no odor |
| | | | | | - | ł | | | | | | |
| | | | | | | | | _ | | | | |
| | 1,752 | 0.1 | N | | 2' | 2 | | Same a | s Above (SAA) | | | |
| | | | | | - | - | | | | | | |
| | 400 | 0.0 | | DUIGO | | | | | | | | |
| | <168 | 0.2 | N | PH02 | 3. | 3 | | SAA | | | | |
| | | | | | | | | | | | | |
| | | | | | - | - 4 | | | | | | |
| | | | | | - | 4 | | | | | | |
| | | | | | | Ĺ | | | | | | |
| | | | | | - | 5 | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | - | _ | | | | | | |
| | | | | | - | 6 | | | | | | |
| | | | | | | Ŭ | | | | | | |
| | | | | | - | Ļ | | | | | | |
| | | | | | - | 7 | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | - | _ | | | | | | |
| | | | | | - | 8 | | | | | | |
| | | | | | - | [| | | | | | |
| | | | | | - | _ | | | | | | |
| | | | | | | 9 | | | | | | |
| | | | | | - | ŀ | | | | | | |
| | | | | | - | - | | | | | | |
| | | | | | - | 10 | | | | | | |
| | | | | | - | ŀ | | | | | | |
| | | | | | - | Ľ | | | | | | |
| | | | | | - | 11 | | | | | | |
| | | | | | - | ł | | | | | | |
| | | | | | - | t i | | | | | | |
| | | | | | | 12 | | | | | | |

| | | | | | \//S | DIISA | | | BH or PH Name: | | Date: | |
|---------------------|-------------------|----------------|----------|----------|-----------------------------|-------------------|---------------------|-----------|---------------------|-------------|---------------|------------------------|
| | | | | | VV.J | 1 UJA | | | PH03 | | 9/21/2020 | |
| | | | | 5 | 08 West S | Stevens S | Street | | Site Name: | Remuda S | S 25 126H | |
| | | | | Car | isbad, Ne | wiviexicc | 88220 | | Incident Number: | NRM1935 | 840155, NRM2 | 2000235975, and NRM200 |
| | | | | | | | | | LTE Job Number: | | | |
| 1 | | LITH | ULOG | IC / SOI | SAMPL | ING LO | G | | Logged By Will Math | ner | Method: | Backhoe |
| Lat/Lo | ing: | | | | Chloride | ening: PID | | | Hole Diameter: | | i otal Depth: | |
| Comm | nents: | | | | 5 | | | | 1 | | 1 | |
| | | | | | 1 | | | 1 | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | | l | _ithology/F | Remarks | |
| | | | | | | 0 | | | | | | |
| | | | | | - | - | | | | | | |
| | | | | | | - | | | | | | |
| | 1,752 | 0.1 | Ν | | 1' | 1 | | sand, fir | ne grian, poorly g | raded, Br/ | Rd, some si | lt, no stain, no odor |
| | | | | | - | ŀ | | | | | | |
| | | | | | - | È i | | | | | | |
| | 1,640 | 0.3 | Ν | | 2' | 2 | | Same a | s Above (SAA) | | | |
| | | | | | - | ŀ | | | | | | |
| | | | | | | - | | | | | | |
| | 509 | 0.1 | Ν | PH03 | 3' | 3 | | SAA | | | | |
| | | | | | - | - | | | | | | |
| | | | | | | - | | | | | | |
| | | | | | - | 4 | | | | | | |
| | | | | | - | - | | | | | | |
| | | | | | | - | | | | | | |
| | | | | | - | 5 | | | | | | |
| | | | | | - | ŀ | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | - | 6 | | | | | | |
| | | | | | | ŀ | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | - | - / | | | | | | |
| | | | | | - | Ľ | | | | | | |
| | | | | | - | 0 | | | | | | |
| | | | | | - | 0 | | | | | | |
| | | | | | - | Ľ | | | | | | |
| | | | | | - | - 0 | | | | | | |
| | | | | | - | J | | | | | | |
| | | | | | _ | Ĺ | | | | | | |
| | | | | | - | 10 | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | - | Ļ | | | | | | |
| | | | | | - | 11 | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | - | Ļ | | | | | | |
| | | | | | - | 12 | | | | | | |

| | | | _ | | | | | | BH or PH Name: | | Date: | |
|---------------------|-------------------|----------------|----------|----------|-----------------------------|-------------------|---------------------|-----------|--------------------|-------------|----------------|-----------------------|
| | | | | | WS | P USA | | | PH04 | | 9/21/2020 | |
| | | | | 5 | 08 West S | Stevens S | Street | | Site Name: | Remuda S | S 25 126H | |
| | | | | Car | isbad, Ne | w Mexico | 88220 | | Incident Number: | NRM1935 | 840155, NRM200 | 00235975, and NRM2000 |
| | | | | | SAMD | INGLO | G | | LIE JOB Number: | hor | Mothod | Paalshaa |
| Lat/Lo | na: | LIIII | OLUG | | Field Scre | ening: | 0 | | Hole Diameter: | | Total Depth: | Dacknoe |
| | 5 | | | | Chloride, | PID | | | | | | |
| Comm | nents: | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | | I | _ithology/F | Remarks | |
| | 207 | 0.4 | N | | 1' | | | sand, fir | ne grian, poorly g | raded, Br/ | Rd, some silt, | no stain, no odor |
| | <168 | 0.4 | N | PH04 | 3' | 3 | | Same a | s Adove (SAA) | | | |
| | | 0.3 | | | | | | | | | | |

| | | | _ | | | | | | BH or PH Name: | | Date: | |
|---------------------|-------------------|----------------|----------|----------|-----------------------------|---|---------------------|-----------|--------------------|-------------|----------------|-----------------------|
| | | | | | WS | SP USA | | | PH05 | | 9/21/2020 | |
| | | | | 5 | 08 West S | Stevens S | Street | | Site Name: | Remuda S | S 25 126H | |
| | | | | | isbad, ive | w Mexico | 88220 | | Incident Number: | NRM1935 | 840155, NRM200 | 00235975, and NRM2000 |
| | | | | | SAMDI | | G | | | her | Mothod | Backhaa |
| Lat/Lo | ona: | LIIII | | | Field Scre | ening: | 0 | | Hole Diameter: | | Total Depth: | Backilde |
| | 5 | | | | Chloride, | PID | | | | | | |
| Comm | nents: | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | | I | _ithology/F | Remarks | |
| | 207 | 0.6 | Ν | | 1' | | | sand, fir | ie grian, poorly g | raded, Br/ | Rd, some silt, | no stain, no odor |
| | 257 | 0.5 | Ν | | 2' | 2 | | Same a | s Above (SAA) | | | |
| | <168 | 0.2 | Ζ | PH05 | 3' | 3 4 5 6 7 8 9 10 11 | | SAA | | | | |

wsp

| | PHOTOGRAPHIC LOG | |
|------------|----------------------------|---------------|
| XTO Energy | Remuda South 25 State 126H | NRM1935840155 |
| | Eddy County, New Mexico | NRM2000235975 |
| | , | NRM2000237294 |

| Photo No. | Date | | | | | | | |
|-----------------|-----------------------------------|--------------------------|--|-------------------------------|---------------------|------|-----|---------|
| 1 | October 22, 2019 | O WGS84 | 00.07700 1 | 00 00500 | | 2064 | - 1 | NIW/204 |
| 1 View of re | October 22, 2019 lease on pad. | • WGS84 | 32.27703, -1 | 03.93566 | M [®] .toe | 3064 | | NW304 |
| | | 22Oct19 11 Loving, NM | 13 Remude South 25 / 88255, United States o | 1126H 9 22-Oct-19 11:13:19 | The second | - | 1- | 2 |

| Photo No. | Date | |
|------------------|-------------------|--|
| 2 | February 10, 2020 | |
| View of staining | remaining on pad. | |

.

wsp

| PHOTOGRAPHIC LOG | | | | | | |
|------------------|----------------------------|---------------|--|--|--|--|
| XTO Energy | Remuda South 25 State 126H | NRM1935840155 | | | | |
| | Eddy County, New Mexico | NRM2000235975 | | | | |
| | ,,,, | NRM2000237294 | | | | |



| Photo No. | Date | |
|------------|--------------------|--|
| 4 | September 22, 2020 | |
| View of ba | ckfill on pad. | |
| | | |

Released to Imaging: 4/12/2021 10:04:20 AM

Analytical Report 652122

for LT Environmental, Inc.

Project Manager: Dan Moir

Remuda South 25 #126H

13-FEB-20

Collected By: Client



1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054) Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5) Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757) Xenco-Tampa: Florida (E87429), North Carolina (483)





13-FEB-20

Project Manager: Dan Moir LT Environmental, Inc. 4600 W. 60th Avenue Arvada, CO 80003

Reference: XENCO Report No(s): 652122 Remuda South 25 #126H **Project Address:**

Dan Moir:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 652122. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 652122 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Veramer

Jessica Kramer **Project Assistant**

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America



Sample Cross Reference 652122

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|----------------|--------------|---------------|
| SS01 | S | 02-10-20 12:25 | 0.5 ft | 652122-001 |
| SS02 | S | 02-10-20 12:30 | 0.5 ft | 652122-002 |
| SS03 | S | 02-10-20 12:35 | 0.5 ft | 652122-003 |
| SS04 | S | 02-10-20 12:40 | 0.5 ft | 652122-004 |
| SS05 | S | 02-10-20 12:45 | 0.5 ft | 652122-005 |
| SS06 | S | 02-10-20 13:05 | 0.5 ft | 652122-006 |

Version: 1.%

.



CASE NARRATIVE

Page 57 of 138

Client Name: LT Environmental, Inc. Project Name: Remuda South 25 #126H

Project ID: Work Order Number(s): 652122 Report Date: 13-FEB-20 Date Received: 02/12/2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments: Batch: LBA-3116351 BTEX by EPA 8021B Soil samples were not received in Terracore kits and therefore were prepared by method 5030.



Project Id:

Contact: Dan Moir Project Location:

Certificate of Analysis Summary 652122

LT Environmental, Inc., Arvada, CO Project Name: Remuda South 25 #126H

Date Received in Lab:Wed Feb-12-20 11:57 amReport Date:13-FEB-20Project Manager:Jessica Kramer

| | Lab Id: | 652122-0 | 01 | 652122- | 002 | 652122- | 003 | 652122- | 004 | 652122- | 005 | 652122- | 006 |
|------------------------------------|------------|------------|----------|-----------------|-----------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|
| Analysis Paguastad | Field Id: | SS01 | | SS02 | SS02 SS03 | | | SS04 | | SS05 | | SS06 | |
| Analysis Kequestea | Depth: | 0.5- ft | | 0.5- f | t | 0.5- ft | | 0.5- ft | | 0.5- ft | | 0.5- ft | |
| | Matrix: | SOIL | | SOIL | , | SOIL | | SOIL | | SOIL | | SOIL | |
| | Sampled: | Feb-10-20 | 12:25 | Feb-10-20 | 12:30 | Feb-10-20 | 12:35 | Feb-10-20 | 12:40 | Feb-10-20 | 12:45 | Feb-10-20 | 13:05 |
| BTEX by EPA 8021B | Extracted: | Feb-12-20 | 12:30 | Feb-12-20 | 12:30 | Feb-12-20 | 12:30 | Feb-12-20 | 12:30 | Feb-12-20 | 12:30 | Feb-12-20 | 12:30 |
| | Analyzed: | Feb-12-20 | 16:46 | Feb-12-20 | 17:06 | Feb-12-20 | 18:08 | Feb-12-20 | 18:28 | Feb-12-20 | 18:48 | Feb-12-20 | 19:09 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Benzene | | < 0.000182 | 0.000182 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00202 | 0.00202 | < 0.00200 | 0.00200 |
| Toluene | | < 0.000182 | 0.000182 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00202 | 0.00202 | < 0.00200 | 0.00200 |
| Ethylbenzene | | < 0.000182 | 0.000182 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00202 | 0.00202 | < 0.00200 | 0.00200 |
| m,p-Xylenes | | < 0.000364 | 0.000364 | < 0.00402 | 0.00402 | < 0.00402 | 0.00402 | < 0.00402 | 0.00402 | < 0.00404 | 0.00404 | < 0.00401 | 0.00401 |
| o-Xylene | | < 0.000182 | 0.000182 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00202 | 0.00202 | < 0.00200 | 0.00200 |
| Total Xylenes | | < 0.000182 | 0.000182 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00202 | 0.00202 | < 0.00200 | 0.00200 |
| Total BTEX | | < 0.000182 | 0.000182 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00201 | 0.00201 | < 0.00202 | 0.00202 | < 0.00200 | 0.00200 |
| Chloride by EPA 300 | Extracted: | Feb-12-20 | 12:30 | Feb-12-20 12:30 | | Feb-12-20 | 12:30 | Feb-12-20 | 12:30 | Feb-12-20 12:30 | | Feb-12-20 12:30 | |
| | Analyzed: | Feb-12-20 | 14:15 | Feb-12-20 | 14:21 | Feb-12-20 14:27 | | Feb-12-20 14:32 | | Feb-12-20 14:38 | | Feb-12-20 14:44 | |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Chloride | | 14700 | 504 | 4770 | 503 | 4030 | 499 | 4580 | 497 | 4380 | 502 | 1950 | 200 |
| TPH by SW8015 Mod | Extracted: | Feb-12-20 | 13:00 | Feb-12-20 | 13:00 | Feb-12-20 | 13:00 | Feb-12-20 | 13:00 | Feb-12-20 | 13:00 | Feb-12-20 | 13:00 |
| | Analyzed: | Feb-12-20 | 13:35 | Feb-12-20 | 13:55 | Feb-12-20 | 14:15 | Feb-12-20 | 14:15 | Feb-12-20 | 14:35 | Feb-12-20 | 14:35 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Gasoline Range Hydrocarbons (GRO) | | < 50.1 | 50.1 | <50.3 | 50.3 | < 50.1 | 50.1 | <50.2 | 50.2 | <50.0 | 50.0 | <50.2 | 50.2 |
| Diesel Range Organics (DRO) | | 83.0 | 50.1 | <50.3 | 50.3 | <50.1 | 50.1 | <50.2 | 50.2 | <50.0 | 50.0 | 76.0 | 50.2 |
| Motor Oil Range Hydrocarbons (MRO) | | <50.1 | 50.1 | <50.3 | 50.3 | <50.1 | 50.1 | <50.2 | 50.2 | <50.0 | 50.0 | <50.2 | 50.2 |
| Total GRO-DRO | | 83.0 | 50.1 | <50.3 | 50.3 | <50.1 | 50.1 | <50.2 | 50.2 | <50.0 | 50.0 | 76.0 | 50.2 |
| Total TPH | | 83.0 | 50.1 | <50.3 | 50.3 | <50.1 | 50.1 | <50.2 | 50.2 | <50.0 | 50.0 | 76.0 | 50.2 |

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Version: 1.%

fession kenner

Jessica Kramer Project Assistant

Page 5 of 22

Final 1.000



LT Environmental, Inc., Arvada, CO

| Sample Id: | le Id: SS01 Matrix: Soil | | | | | Date Received:02.12.20 11.57 | | | |
|---------------|--------------------------|------------|-------------|----------------------|-------|------------------------------|-----------|-----|--|
| Lab Sample Id | : 652122-001 | | Date Collec | cted: 02.10.20 12.25 | | Sample Depth: 0.5 | 5 ft | | |
| Analytical Me | thod: Chloride by EPA | 300 | | | | Prep Method: E3 | 800P | | |
| Tech: | MAB | | | | | % Moisture: | | | |
| Analyst: | MAB | | Date Prep: | 02.12.20 12.30 | | Basis: W | et Weight | | |
| Seq Number: | 3116355 | | | | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil | |
| Chloride | | 16887-00-6 | 14700 | 504 | mg/kg | 02.12.20 14.15 | | 50 | |
| | | | | | | | | | |

| Analytical Method: TPH by SW801 | 5 Mod | | | | P | Prep Method: SW | 8015P | |
|------------------------------------|------------|------------|---------------|-----------|--------|-----------------|----------|-----|
| Tech: DTH | | | | | 9 | 6 Moisture: | | |
| Analyst: DTH | | Date Prep | o: 02.12 | .20 13.00 | E | Basis: We | t Weight | |
| Seq Number: 3116314 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 02.12.20 13.35 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 83.0 | 50.1 | | mg/kg | 02.12.20 13.35 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 02.12.20 13.35 | U | 1 |
| Total GRO-DRO | PHC628 | 83.0 | 50.1 | | mg/kg | 02.12.20 13.35 | | 1 |
| Total TPH | PHC635 | 83.0 | 50.1 | | mg/kg | 02.12.20 13.35 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 93 | % | 70-135 | 02.12.20 13.35 | | |
| o-Terphenyl | | 84-15-1 | 99 | % | 70-135 | 02.12.20 13.35 | | |



LT Environmental, Inc., Arvada, CO

| Sample Id: | SS01 | Matrix: | Soil | Date Received | 1:02.12.20 11.57 |
|---------------|-------------------------|----------------|------------------|---------------|------------------|
| Lab Sample Id | 1: 652122-001 | Date Collected | : 02.10.20 12.25 | Sample Depth | :0.5 ft |
| Analytical Me | thod: BTEX by EPA 8021B | | | Prep Method: | SW5030B |
| Tech: | MAB | | | % Moisture: | |
| Analyst: | MAB | Date Prep: | 02.12.20 12.30 | Basis: | Wet Weight |
| Seq Number: | 3116351 | | | | |

| Parameter | Cas Number | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.000182 | 0.000182 | | mg/kg | 02.12.20 16.46 | U | 1 |
| Toluene | 108-88-3 | < 0.000182 | 0.000182 | | mg/kg | 02.12.20 16.46 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.000182 | 0.000182 | | mg/kg | 02.12.20 16.46 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.000364 | 0.000364 | | mg/kg | 02.12.20 16.46 | U | 1 |
| o-Xylene | 95-47-6 | < 0.000182 | 0.000182 | | mg/kg | 02.12.20 16.46 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.000182 | 0.000182 | | mg/kg | 02.12.20 16.46 | U | 1 |
| Total BTEX | | < 0.000182 | 0.000182 | | mg/kg | 02.12.20 16.46 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 110 | % | 70-130 | 02.12.20 16.46 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 96 | % | 70-130 | 02.12.20 16.46 | | |



LT Environmental, Inc., Arvada, CO

| Chloride | | 16887-00-6 | 4770 | 503 | mg/kg | 02.12.20 14.2 | 1 | 50 |
|---------------|------------------------|------------|------------|----------------------|-------|-----------------|----------------|-----|
| Parameter | | Cas Number | Result | RL | Units | Analysis Dat | e Flag | Dil |
| Seq Number: | 3116355 | | | | | | | |
| Analyst: | MAB | | Date Prep: | 02.12.20 12.30 | | Basis: | Wet Weight | |
| Tech: | MAB | | | | | % Moisture: | | |
| Analytical Me | ethod: Chloride by EPA | 300 | | | | Prep Method: I | E300P | |
| Lab Sample Id | d: 652122-002 | | Date Colle | cted: 02.10.20 12.30 | | Sample Depth: (| 0.5 ft | |
| Sample Id: | SS02 | | Matrix: | Soil | | Date Received: | 02.12.20 11.57 | 7 |

| Analytical Method: TPH by SW8015 Mod | Prep Method: SW8015P |
|--------------------------------------|----------------------|

| Tech: DTH | | | | | 9 | 6 Moisture: | | |
|------------------------------------|------------|------------|---------------|------------|--------|----------------|----------|-----|
| Analyst: DTH | | Date Pre | p: 02.12 | 2.20 13.00 | E | Basis: We | t Weight | |
| Seq Number: 3116314 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.3 | 50.3 | | mg/kg | 02.12.20 13.55 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.3 | 50.3 | | mg/kg | 02.12.20 13.55 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.3 | 50.3 | | mg/kg | 02.12.20 13.55 | U | 1 |
| Total GRO-DRO | PHC628 | <50.3 | 50.3 | | mg/kg | 02.12.20 13.55 | U | 1 |
| Total TPH | PHC635 | <50.3 | 50.3 | | mg/kg | 02.12.20 13.55 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 97 | % | 70-135 | 02.12.20 13.55 | | |
| o-Terphenyl | | 84-15-1 | 97 | % | 70-135 | 02.12.20 13.55 | | |



LT Environmental, Inc., Arvada, CO

| Sample Id: | SS02 | Matrix: | Soil | Date Received | :02.12.20 11.57 | |
|---------------|-------------------------|----------------|------------------|----------------------|-----------------|--|
| Lab Sample Id | : 652122-002 | Date Collected | : 02.10.20 12.30 | Sample Depth: 0.5 ft | | |
| Analytical Me | thod: BTEX by EPA 8021B | | | Prep Method: | SW5030B | |
| Tech: | MAB | | | % Moisture: | | |
| Analyst: | MAB | Date Prep: | 02.12.20 12.30 | Basis: | Wet Weight | |
| Seq Number: | 3116351 | | | | | |

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 17.06 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 17.06 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 17.06 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 02.12.20 17.06 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 17.06 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 17.06 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 17.06 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 111 | % | 70-130 | 02.12.20 17.06 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 98 | % | 70-130 | 02.12.20 17.06 | | |



LT Environmental, Inc., Arvada, CO

| Sample Id: | SS03 | | Matrix: | Soil | | Date Received | 1:02.12.2 | 20 11.57 | |
|---------------|-------------------------|------------|-------------|----------------------|-------|---------------|-----------|----------|-----|
| Lab Sample Id | : 652122-003 | | Date Collec | cted: 02.10.20 12.35 | | Sample Depth | :0.5 ft | | |
| Analytical Me | thod: Chloride by EPA 3 | 300 | | | | Prep Method: | E300P | | |
| Tech: | MAB | | | | | % Moisture: | | | |
| Analyst: | MAB | | Date Prep: | 02.12.20 12.30 | | Basis: | Wet W | eight | |
| Seq Number: | 3116355 | | | | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate I | Flag | Dil |
| Chloride | | 16887-00-6 | 4030 | 499 | mg/kg | 02.12.20 14. | .27 | | 50 |

| Analytical Method: TPH by SW801 | 5 Mod | | | | P | Prep Method: SW | 8015P | |
|------------------------------------|------------|------------|---------------|----------|--------|-----------------|----------|-----|
| Tech: DTH | | | | | 9 | 6 Moisture: | | |
| Analyst: DTH | | Date Pre | p: 02.12 | 20 13.00 | E | Basis: We | t Weight | |
| Seq Number: 3116314 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | < 50.1 | 50.1 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | < 50.1 | 50.1 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Total GRO-DRO | PHC628 | < 50.1 | 50.1 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Total TPH | PHC635 | < 50.1 | 50.1 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 82 | % | 70-135 | 02.12.20 14.15 | | |
| o-Terphenyl | | 84-15-1 | 90 | % | 70-135 | 02.12.20 14.15 | | |



LT Environmental, Inc., Arvada, CO

| Sample Id: | SS03 | Matrix: | Soil | Date Received | :02.12.20 11.57 | |
|---------------|-------------------------|----------------|------------------|----------------------|-----------------|--|
| Lab Sample Id | 1: 652122-003 | Date Collected | : 02.10.20 12.35 | Sample Depth: 0.5 ft | | |
| Analytical Me | thod: BTEX by EPA 8021B | | | Prep Method: | SW5030B | |
| Tech: | MAB | | | % Moisture: | | |
| Analyst: | MAB | Date Prep: | 02.12.20 12.30 | Basis: | Wet Weight | |
| Seq Number: | 3116351 | | | | | |

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.08 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.08 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.08 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 02.12.20 18.08 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.08 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.08 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.08 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 111 | % | 70-130 | 02.12.20 18.08 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 97 | % | 70-130 | 02.12.20 18.08 | | |



LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | SS04 | | Matrix: | Soil | | Date Received | :02.12.20 11. | 57 |
|---------------|-------------------------|------------|-------------|----------------------|-------|---------------|---------------|-----|
| Lab Sample Id | l: 652122-004 | | Date Collec | cted: 02.10.20 12.40 | | Sample Depth: | :0.5 ft | |
| Analytical Me | thod: Chloride by EPA 3 | 800 | | | | Prep Method: | E300P | |
| Tech: | MAB | | | | | % Moisture: | | |
| Analyst: | MAB | | Date Prep: | 02.12.20 12.30 | | Basis: | Wet Weight | |
| Seq Number: | 3116355 | | | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | nte Flag | Dil |
| Chloride | | 16887-00-6 | 4580 | 497 | mg/kg | 02.12.20 14. | 32 | 50 |

| Analytical Method: TPH by SW801 | 5 Mod | | | | Р | rep Method: SW | /8015P | |
|------------------------------------|------------|------------|---------------|---------|--------|----------------|-----------|-----|
| Tech: DTH | | | | | 9 | 6 Moisture: | | |
| Analyst: DTH | | Date Prep | p: 02.12.2 | 0 13.00 | E | Basis: We | et Weight | |
| Seq Number: 3116314 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.2 | 50.2 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.2 | 50.2 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | < 50.2 | 50.2 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Total GRO-DRO | PHC628 | < 50.2 | 50.2 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Total TPH | PHC635 | < 50.2 | 50.2 | | mg/kg | 02.12.20 14.15 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |

111-85-3

84-15-1

97

98

%

%

1-Chlorooctane

o-Terphenyl

02.12.20 14.15

02.12.20 14.15

70-135

70-135



LT Environmental, Inc., Arvada, CO

| Sample Id: | SS04 | Matrix: | Soil | Date Received | :02.12.20 11.57 | |
|---------------|-------------------------|----------------|------------------|----------------------|-----------------|--|
| Lab Sample Id | : 652122-004 | Date Collected | : 02.10.20 12.40 | Sample Depth: 0.5 ft | | |
| Analytical Me | thod: BTEX by EPA 8021B | | | Prep Method: | SW5030B | |
| Tech: | MAB | | | % Moisture: | | |
| Analyst: | MAB | Date Prep: | 02.12.20 12.30 | Basis: | Wet Weight | |
| Seq Number: | 3116351 | | | | | |

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.28 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.28 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.28 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 02.12.20 18.28 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.28 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.28 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 02.12.20 18.28 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 111 | % | 70-130 | 02.12.20 18.28 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 98 | % | 70-130 | 02.12.20 18.28 | | |



LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Chloride | | 16887-00-6 | 4380 | 502 | mg/kg | 02.12.20 14.38 | 3 | 50 |
|---------------|------------------------|------------|------------|----------------------|-------|-----------------|---------------|-----|
| Parameter | | Cas Number | Result | RL | Units | Analysis Date | e Flag | Dil |
| Seq Number: | 3116355 | | | | | | | |
| Analyst: | MAB | | Date Prep: | 02.12.20 12.30 | | Basis: V | Vet Weight | |
| Tech: | MAB | | | | | % Moisture: | | |
| Analytical Me | ethod: Chloride by EPA | 300 | | | | Prep Method: E | E300P | |
| Lab Sample Io | d: 652122-005 | | Date Colle | cted: 02.10.20 12.45 | | Sample Depth: 0 | 0.5 ft | |
| Sample Id: | SS05 | | Matrix: | Soil | | Date Received:0 | 2.12.20 11.57 | 7 |

| Analytical Method: TPH by SW801 | 5 Mod | | | | P | rep Method: SV | V8015P | |
|------------------------------------|------------|------------|---------------|----------|--------|----------------|-----------|-----|
| Tech: DTH | | | | | 9 | Moisture: | | |
| Analyst: DTH | | Date Pre | p: 02.12. | 20 13.00 | E | asis: W | et Weight | |
| Seq Number: 3116314 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | | mg/kg | 02.12.20 14.35 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | < 50.0 | 50.0 | | mg/kg | 02.12.20 14.35 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | < 50.0 | 50.0 | | mg/kg | 02.12.20 14.35 | U | 1 |
| Total GRO-DRO | PHC628 | < 50.0 | 50.0 | | mg/kg | 02.12.20 14.35 | U | 1 |
| Total TPH | PHC635 | < 50.0 | 50.0 | | mg/kg | 02.12.20 14.35 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 92 | % | 70-135 | 02.12.20 14.35 | | |

97

%

70-135

02.12.20 14.35

84-15-1

o-Terphenyl

.



LT Environmental, Inc., Arvada, CO

| Sample Id: | SS05 | Matrix: | Soil | Date Received | :02.12.20 11.57 | |
|---------------|-------------------------|----------------|------------------|----------------------|-----------------|--|
| Lab Sample Id | l: 652122-005 | Date Collected | : 02.10.20 12.45 | Sample Depth: 0.5 ft | | |
| Analytical Me | thod: BTEX by EPA 8021B | | | Prep Method: | SW5030B | |
| Tech: | MAB | | | % Moisture: | | |
| Analyst: | MAB | Date Prep: | 02.12.20 12.30 | Basis: | Wet Weight | |
| Seq Number: | 3116351 | | | | | |

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00202 | 0.00202 | | mg/kg | 02.12.20 18.48 | U | 1 |
| Toluene | 108-88-3 | < 0.00202 | 0.00202 | | mg/kg | 02.12.20 18.48 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00202 | 0.00202 | | mg/kg | 02.12.20 18.48 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00404 | 0.00404 | | mg/kg | 02.12.20 18.48 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00202 | 0.00202 | | mg/kg | 02.12.20 18.48 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00202 | 0.00202 | | mg/kg | 02.12.20 18.48 | U | 1 |
| Total BTEX | | < 0.00202 | 0.00202 | | mg/kg | 02.12.20 18.48 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 111 | % | 70-130 | 02.12.20 18.48 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 95 | % | 70-130 | 02.12.20 18.48 | | |



LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: Lab Sample Id | SS06 d: 652122-006 | | Matrix: Date Collec | Soil cted: 02.10.20 13.05 | | Date Received:0 Sample Depth:0 | 2.12.20 11.5 .5 ft | 7 |
|-----------------------------|------------------------------|------------|------------------------|------------------------------|-------|-----------------------------------|-----------------------|-----|
| Analytical Me | ethod: Chloride by EPA | 300 | | | | Prep Method: E | 2300P | |
| Tech: Analyst: | MAB MAB | | Date Prep: | 02.12.20 12.30 | | % Moisture: Basis: W | Vet Weight | |
| Seq Number: | 3116355 | | 1 | | | | - | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
| Chloride | | 16887-00-6 | 1950 | 200 | mg/kg | 02.12.20 14.44 | | 20 |

| Analytical Method: TPH by SW801 | 15 Mod | | | | Р | rep Method: SV | V8015P | |
|------------------------------------|------------|------------|---------------|-----------|--------|----------------|-----------|-----|
| Tech: DTH | | | | | 9 | 6 Moisture: | | |
| Analyst: DTH | | Date Prep | : 02.12 | .20 13.00 | E | Basis: W | et Weight | |
| Seq Number: 3116314 | | - | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.2 | 50.2 | | mg/kg | 02.12.20 14.35 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | 76.0 | 50.2 | | mg/kg | 02.12.20 14.35 | | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.2 | 50.2 | | mg/kg | 02.12.20 14.35 | U | 1 |
| Total GRO-DRO | PHC628 | 76.0 | 50.2 | | mg/kg | 02.12.20 14.35 | | 1 |
| Total TPH | PHC635 | 76.0 | 50.2 | | mg/kg | 02.12.20 14.35 | | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 96 | % | 70-135 | 02.12.20 14.35 | | |

97

%

84-15-1

o-Terphenyl

02.12.20 14.35

70-135



LT Environmental, Inc., Arvada, CO

| Sample Id: | SS06 | Matrix: | Soil | Date Received | 1:02.12.20 11.57 | |
|---------------|-------------------------|----------------|------------------|----------------------|------------------|--|
| Lab Sample Id | l: 652122-006 | Date Collected | : 02.10.20 13.05 | Sample Depth: 0.5 ft | | |
| Analytical Me | thod: BTEX by EPA 8021B | | | Prep Method: | SW5030B | |
| Tech: | MAB | | | % Moisture: | | |
| Analyst: | MAB | Date Prep: | 02.12.20 12.30 | Basis: | Wet Weight | |
| Seq Number: | 3116351 | | | | | |

| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|---------------|-------|--------|----------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 02.12.20 19.09 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 02.12.20 19.09 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 02.12.20 19.09 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 02.12.20 19.09 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 02.12.20 19.09 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 02.12.20 19.09 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 02.12.20 19.09 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 111 | % | 70-130 | 02.12.20 19.09 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 97 | % | 70-130 | 02.12.20 19.09 | | |



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- ** Surrogate recovered outside laboratory control limit.
- **BRL** Below Reporting Limit.
- RL Reporting Limit
- MDL Method Detection LimitSDLSample Detection LimitLOD Limit of Detection
- PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation
- DL Method Detection Limit
- NC Non-Calculable

| SMP Clie | nt Sample | BLK | Method Blank | |
|----------|---------------------------------------|-----------|-----------------------------|--------------------------------|
| BKS/LCS | Blank Spike/Laboratory Control Sample | BKSD/LCSD | Blank Spike Duplicate/Labor | atory Control Sample Duplicate |
| MD/SD | Method Duplicate/Sample Duplicate | MS | Matrix Spike | MSD: Matrix Spike Duplicate |

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



LT Environmental, Inc.

Remuda South 25 #126H

| Analytical Method: Seq Number: MB Sample Id: | Chloride by EPA 300 3116355 7696487-1-BLK | | | Matrix: Solid LCS Sample Id: 7696487-1-BKS | | | | Prep Method: E300P Date Prep: 02.12.20 LCSD Sample Id: 7696487-1-BS | | | | 0P 2.20 6487-1-BSD | |
|---|---|------------------------|------------------|---|---------------------|-------------------|---------------------|---|------------|-------------------------------|------------------------------------|----------------------------------|------|
| Parameter | | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Lin | nit Units | Analysis Date | Flag |
| Chloride | | <10.0 | 250 | 255 | 102 | 256 | 102 | 90-110 | 0 | 20 | mg/kg | 02.12.20 11:58 | |
| Analytical Method: Seq Number: Parent Sample Id: | Chloride b 3116355 652094-001 | y EPA 3(1 | 00 | MS Sar | Matrix: nple Id: | Soil 652094-00 | 01 S | | Pr MSI | ep Meth Date Pr D Sampl | nod: E30 rep: 02.1 e Id: 652 | 0P 2.20 094-001 SD | |
| Parameter | | Parent Result | Spike | MS Result | MS %Rec | MSD Begult | MSD | Limits | %RPD | RPD Lin | nit Units | Analysis Date | Flag |
| Chloride | | 9040 | 200 | 9250 | 105 | 9220 | 90 | 90-110 | 0 | 20 | mg/kg | 02.12.20 12:15 | |
| Analytical Method: Seq Number: Parent Sample Id: | Chloride b 3116355 | y EPA 3(1 | 00 | MS Sar | Matrix: | Soil 652112-00 | 04 S | | Pr | ep Meth Date Pr D Sampl | nod: E30 rep: 02.1 e Id: 652 | 0P 2.20 112-004 SD | |
| Parameter | 052112 00- | Parent | Spike | MS | MS | MSD | MSD | Limits | %RPD | RPD Lin | nit Units | Analysis | Flag |
| Chloride | | 565 | 200 | 763 | % кес 99 | Result 764 | % Rec 100 | 90-110 | 0 | 20 | mg/kg | 02.12.20 13:47 | |
| Analytical Method: Seq Number: MB Sample Id: | TPH by SV 3116314 7696489-1- | V8015 M •BLK | od | LCS Sar | Matrix: nple Id: | Solid 7696489- | 1-BKS | | Pr | ep Meth Date Pr D Sampl | nod: SW3 rep: 02.1 e Id: 769 | 8015P 2.20 5489-1-BSD | |
| Parameter | | MB Result | Spike A mount | LCS Result | LCS %Rec | LCSD Posult | | Limits | %RPD | RPD Lin | nit Units | Analysis Date | Flag |
| Gasoline Range Hydrocarbo Diesel Range Organics (| ons (GRO) DRO) | <50.0 <50.0 | 1000 1000 | 795 707 | 80 71 | 834 747 | 83 75 | 70-135 70-135 | 5 6 | 35 35 | mg/kg mg/kg | 02.12.20 11:36 02.12.20 11:36 | |
| Surrogate | | MB %Rec | MB Flag | L % | CS Rec | LCS Flag | LCSI %Ree |) LCS 2 Fla | BD Li g | mits | Units | Analysis Date | |
| 1-Chlorooctane | | 132 | | 1 | 17 | | 112 | | 70 | -135 | % | 02.12.20 11:36 | |
| o-Terphenyl | | 130 | | 1 | 00 | | 100 | | 70 | 125 | 0/ | 02 12 20 11:36 | |

| Analytical Method: | TPH by SW8015 Mod | | | Prep Method: | SW80 | 015P | |
|---------------------------|-------------------|---------------|---------------|--------------|---------------|------------------|------|
| Seq Number: | 3116314 | Matrix: | Solid | Date Prep: | 02.12 | 20 | |
| | | MB Sample Id: | 7696489-1-BLK | | | | |
| Parameter | | MB Result | | τ | J nits | Analysis Date | Flag |
| Motor Oil Range Hydrocarb | ons (MRO) | <50.0 | | n | ng/kg | 02.12.20 11:16 | |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

[D] = 100*(C-A) / B $\begin{aligned} \text{RPD} &= 200^* \mid (\text{C-E}) / (\text{C+E}) \mid \\ [\text{D}] &= 100^* (\text{C}) / [\text{B}] \end{aligned}$ Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control SampleA = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 19 of 22




QC Summary 652122

LT Environmental, Inc.

Remuda South 25 #126H

| Analytical Method: | TPH by SW | 8015 M | od | | | | | | P | rep Method | l: SW | /8015P | |
|---------------------------|------------|------------------|-----------------|--------------|------------|---------------|-------------|-----------------|------|-------------|---------|------------------|------|
| Seq Number: | 3116314 | | | 1 | Matrix: | Soil | | | | Date Prep | o: 02. | 12.20 | |
| Parent Sample Id: | 652094-001 | | | MS San | nple Id: | 652094-00 | 01 S | | MS | SD Sample l | ld: 652 | 2094-001 SD | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Gasoline Range Hydrocarbo | ns (GRO) | < 50.2 | 1000 | 883 | 88 | 932 | 93 | 70-135 | 5 | 35 | mg/kg | 02.12.20 11:56 | |
| Diesel Range Organics (I | DRO) | < 50.2 | 1000 | 967 | 97 | 1020 | 102 | 70-135 | 5 | 35 | mg/kg | 02.12.20 11:56 | |
| Surrogate | | | | N %1 | IS Rec | MS Flag | MSD %Ree | o MSD c Flag | | Limits | Units | Analysis Date | |
| 1-Chlorooctane | | | | 10 | 06 | | 112 | | 7 | 0-135 | % | 02.12.20 11:56 | |
| o-Terphenyl | | | | 10 | 01 | | 108 | | 7 | 0-135 | % | 02.12.20 11:56 | |

| Analytical Method: Seq Number: MB Sample Id: | BTEX by EPA 8021 3116351 7696486-1-BLK | В |] LCS San | Matrix: nple Id: | Solid 7696486- | 1-BKS | | H LCS | Prep Method Date Prep SD Sample | 1: SW p: 02.1 Id: 769 | : SW5030B : 02.12.20 d: 7696486-1-BSD | |
|--|---|-----------------|---------------|---------------------|-------------------|--------------|-----------------|----------|---------------------------------------|-----------------------------|---|------|
| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Benzene | < 0.00200 | 0.100 | 0.118 | 118 | 0.125 | 125 | 70-130 | 6 | 35 | mg/kg | 02.12.20 12:21 | |
| Toluene | < 0.00200 | 0.100 | 0.110 | 110 | 0.116 | 116 | 70-130 | 5 | 35 | mg/kg | 02.12.20 12:21 | |
| Ethylbenzene | < 0.00200 | 0.100 | 0.106 | 106 | 0.112 | 112 | 71-129 | 6 | 35 | mg/kg | 02.12.20 12:21 | |
| m,p-Xylenes | < 0.00400 | 0.200 | 0.209 | 105 | 0.220 | 110 | 70-135 | 5 | 35 | mg/kg | 02.12.20 12:21 | |
| o-Xylene | < 0.00200 | 0.100 | 0.104 | 104 | 0.110 | 110 | 71-133 | 6 | 35 | mg/kg | 02.12.20 12:21 | |
| Surrogate | MB %Rec | MB Flag | L0 %] | CS Rec | LCS Flag | LCSD %Rec | D LCS 2 Flag | D I g | Limits | Units | Analysis Date | |
| 1,4-Difluorobenzene | 110 | | 10 | 08 | | 108 | | 7 | 0-130 | % | 02.12.20 12:21 | |
| 4-Bromofluorobenzene | 96 | | 9 | 03 | | 94 | | 7 | 0-130 | % | 02.12.20 12:21 | |

| Analytical Method: Seq Number: | BTEX by EPA 802 3116351 | 1B | Matrix: Soil | | | | | | Prep Method: SW5030B Date Prep: 02.12.20 | | | | | | |
|-----------------------------------|--------------------------------|-----------------|--------------|------------|---------------|-------------|-------------|----------|---|---------|------------------|------|--|--|--|
| Parent Sample Id: | 652094-001 | | MS San | nple Id: | 652094-00 | 01 S | | M | SD Sample | ld: 652 | 094-001 SD | | | | |
| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | | | |
| Benzene | < 0.00199 | 0.0996 | 0.106 | 106 | 0.125 | 125 | 70-130 | 16 | 35 | mg/kg | 02.12.20 13:02 | | | | |
| Toluene | < 0.00199 | 0.0996 | 0.111 | 111 | 0.116 | 116 | 70-130 | 4 | 35 | mg/kg | 02.12.20 13:02 | | | | |
| Ethylbenzene | < 0.00199 | 0.0996 | 0.108 | 108 | 0.112 | 112 | 71-129 | 4 | 35 | mg/kg | 02.12.20 13:02 | | | | |
| m,p-Xylenes | < 0.00398 | 0.199 | 0.190 | 95 | 0.219 | 110 | 70-135 | 14 | 35 | mg/kg | 02.12.20 13:02 | | | | |
| o-Xylene | < 0.00199 | 0.0996 | 0.102 | 102 | 0.110 | 110 | 71-133 | 8 | 35 | mg/kg | 02.12.20 13:02 | | | | |
| Surrogate | | | N %] | 1S Rec | MS Flag | MSD %Rec | MSI Flag |)] g | Limits | Units | Analysis Date | | | | |
| 1,4-Difluorobenzene | | | 1 | 06 | | 107 | | 7 | 70-130 | % | 02.12.20 13:02 | | | | |
| 4-Bromofluorobenzene | | | 9 | 95 | | 94 | | 7 | 70-130 | % | 02.12.20 13:02 | | | | |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 20 of 22

| 1 | Pro at mays | Relinquisned by: (oightamie, | Xenco, A minimum charge of structure | service. Xenco will be liable only for th | Circle Meriduley and more | Total 200.7 / 6010 200.8 | | (| | 2206 | 5505 | yos S | \$055 | 2202 | | 1055 | Sample Identification | mple Custody seals. 1 i es | oler Custody Seals: Tes | ceived Intact: | nperature (°C): | AMPLE RECEIPT | | npler's Name: Robert McAfe | Number: Spill date | ject Number: | iect Name: Remuda | me: 432.704.5178 | , State ZIP: IVIIDIANO, IA | Iress: 0000 Molitica | ilpaily Mailie | nany Name: 1 T Environme | ect Manager: Dan Moir | XENC |
|---|-------------|------------------------------|--------------------------------------|--|--------------------------------------|------------------------------|--------------------|---|---|------|------|-------|-------|-------|-------|------------|---------------------------|----------------------------|-------------------------|-----------------------|-----------------|---------------|-----------|----------------------------|--------------------|--------------|-------------------|--|----------------------------|----------------------|-------------------|--------------------------|-----------------------|--|
| | (X' | | R | le cost of samples at ill be applied to each | linguishment of sam | 1 6020: (s) to be analyz | | | | A | | | | | - | 20 S | Matrix Sa | | NIA NIA | AID NIA | e i | emp Blank: Ke | | e | - 10/25/1 | | South 25 | | COLE | 00005 | Street | ental, Inc., Pern | | m O |
| | N | 000 | eceived by: (Sid | nd shall not assume n project and a charg | nples constitutes a v | 8RCRA | - | | | 100 | 7171 | 1071 | C(21 | 12 25 | 1730 | 10/20 1225 | mpled Sampl | | Total Contain | Correction Fac | T-N | S NO VIEL | S No West | D | R | R | #126# | | 1 | | | nian office | | Hou Mi Hobbs,NM (575 |
| | C | | unature) | any responsibility for le of \$5 for each samp | alld purchase order fr | 13PPM Texas SPLP 6010: 8F | | | | Y | + | | | | | 0.5 | ed Depth | | ers: 6 | -0.2 | too- | Ive. les ins | No No | ue Date: | ush: 5 day | outine M | Turn Around | ail: amoir(d)itenv | | City State ZIF | Address: | Company Nan | Bill to: (if differen | ston,TX (281) 240-4; 3land,TX (432-704-5 392-7550) Phoenix |
| | 21120110 | 31.0 10 11:0- | Date/Time | any losses or expenses incu e submitted to Xenco, but no | m client company to Xenco, | CRA Sb As Ba Be | | | and | 3 | XXX | x X X | X X X | X X X | X X X | | Num TPH BTE Chlo | ber (EP) ((El | of (EP | Cor 15) =80 | 21) | ers | | | | | | COID IIIICAIEE/WINEIIV. | non montos altenu | Carlsbad, NM | | le: XTO-Energy | t) Kyle Littrel | 00 Dallas, IX (Z14) 902-03 (40) EL Paso,TX (915)585 AZ (480-355-0900) Atlanta |
| 5 | 4 | 2 | Relinquished by: (S | rred by the client if such losses are analyzed. These terms will be ent | its affiliates and subcontractors. I | Cd Cr Co Cu Pb Mn I | | | 20 | | | | | | | | | | | | | | | | | | ANALYSIS RE | NOTION OF THE OWNER OF | COM | | | | | 300 San Antonio, 17 (219) 555 5-3443 Lubbock, TX (806)794-12 1,GA (770-449-8800) Tampa, FL |
| | | | ignature) Receive | forced unless previously negotiated | t assigns standard terms and condi- | Mo Ni Se Ag TI U | DE MA MA MA NI K S | | | | | | | | | | | | | | | | | | | | | | Deliverables: EDD | Reporting:Level II | State of Project: | Program: UST/PST | | 296 (813-620-2000) <u>WM</u> |
| | | | ed by: (Signature) | Come | lions | 1631/245.1 | An Sing Na Sr TI | | | | | | | | | Q.1 | | 0 | lab, i | TAT start | | | | | | | | Wo | ADaPT | evel III ST/UST LR | 1 | PRP Brownfields | Work Order Comments | w.xenco.com Page |
| | | | Date/Time | | | 1 / 7470 / 7471 : + | Sn U V Zn | | | | • | | | | | Schote | inple comments | anda Commonte | If received by 4:30pm | s the day recevied by | | | | | | | | rk Order Notes | Other: | RP PVel IV | | C upertund [| | of |

Released to Imaging: 4/12/2021 10:04:20 AM

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

| Client: LT Environmental, Inc. Date/ Time Received: 02.12.2020 11.57.00 AM | Acceptable Tempera | ture Range: 0 - 6 degC |
|---|----------------------|---|
| Date/ Time Received: 02.12.2020 11.57.00 AM | Air and Metal sample | es Acceptable Range: Ambient |
| Work Order #: 652122 | Temperature Measur | ing device used: T-NM-007 |
| Sample Rec | eipt Checklist | Comments |
| #1 *Temperature of cooler(s)? | .4 | Ļ |
| #2 *Shipping container in good condition? | Ye | S |
| #3 *Samples received on ice? | Ye | S |
| #4 *Custody Seals intact on shipping container/ cooler? | Ye | S |
| #5 Custody Seals intact on sample bottles? | Ye | S |
| #6*Custody Seals Signed and dated? | Ye | S |
| #7 *Chain of Custody present? | Ye | S |
| #8 Any missing/extra samples? | No | D C C C C C C C C C C C C C C C C C C C |
| #9 Chain of Custody signed when relinquished/ received? | Ye | S |
| #10 Chain of Custody agrees with sample labels/matrix? | Ye | S |
| #11 Container label(s) legible and intact? | Ye | S |
| #12 Samples in proper container/ bottle? | Ye | S |
| #13 Samples properly preserved? | Ye | S |
| #14 Sample container(s) intact? | Ye | S |
| #15 Sufficient sample amount for indicated test(s)? | Ye | S |
| #16 All samples received within hold time? | Ye | S |
| #17 Subcontract of sample(s)? | No | D |
| #18 Water VOC samples have zero headspace? | N/. | Α |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by: Elizabeth McClellan Checklist reviewed by: Lessica Kramer

Date: 02.12.2020

Jessica Kramer

Date: 02.12.2020

🛟 eurofins

Г

Environment Testing Xenco

Project Id: 012919260 Dan Moir **Contact:**

Eddy County **Project Location:**

Certificate of Analysis Summary 673152

LT Environmental, Inc., Arvada, CO

Project Name: Remuda South 25 #126H

Date Received in Lab: Mon 09.21.2020 16:31

Report Date: 09.23.2020 14:07

Project Manager: Jessica Kramer

| Analysis Requested | Lab Id: | 673152-0 | 01 | 673152-0 | 02 | 673152-0 | 003 | 673152-0 | 004 | 673152-0 | 005 | 673152-0 | 06 |
|------------------------------------|------------|------------|---------|------------|------------------|------------|---------|------------|---------|------------|---------|------------------|---------|
| | Field Id: | PH01 | | PH02 | | PH03 | | PH04 | | PH05 | | FS01 | |
| Anulysis Kequesieu | Depth: | 3- ft | | 3- ft | | 3- ft | | 3- ft | | 3- ft | | 3- ft | |
| | Matrix: | SOIL | | SOIL | | SOIL | , | SOIL | | SOIL | | SOIL | |
| | Sampled: | 09.21.2020 | 13:20 | 09.21.2020 | 13:29 | 09.21.2020 | 10:59 | 09.21.2020 | 12:10 | 09.21.2020 | 12:29 | 09.21.2020 | 14:46 |
| BTEX by EPA 8021B | Extracted: | 09.21.2020 | 17:06 | 09.21.2020 | 09.21.2020 17:06 | | 17:06 | 09.21.2020 | 17:06 | 09.21.2020 | 17:06 | 09.21.2020 17:06 | |
| | Analyzed: | 09.21.2020 | 18:43 | 09.21.2020 | 19:05 | 09.21.2020 | 19:28 | 09.21.2020 | 19:50 | 09.21.2020 | 20:13 | 09.21.2020 | 20:35 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Benzene | | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Toluene | | < 0.00200 | 0.00200 | <0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | <0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Ethylbenzene | | < 0.00200 | 0.00200 | <0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | <0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| m,p-Xylenes | | < 0.00400 | 0.00400 | <0.00398 | 0.00398 | < 0.00399 | 0.00399 | < 0.00402 | 0.00402 | <0.00396 | 0.00396 | < 0.00396 | 0.00396 |
| o-Xylene | | < 0.00200 | 0.00200 | <0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | <0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Total Xylenes | | < 0.00200 | 0.00200 | <0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | <0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Total BTEX | | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | <0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Chloride by EPA 300 | Extracted: | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 |
| | Analyzed: | 09.22.2020 | 11:55 | 09.22.2020 | 12:22 | 09.22.2020 | 12:28 | 09.22.2020 | 12:33 | 09.22.2020 | 12:39 | 09.22.2020 | 12:44 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Chloride | | 30.5 | 9.92 | <10.0 | 10.0 | 416 | 10.0 | <10.0 | 10.0 | 20.7 | 9.98 | 217 | 9.94 |
| TPH by SW8015 Mod | Extracted: | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 |
| | Analyzed: | 09.21.2020 | 18:39 | 09.21.2020 | 18:59 | 09.21.2020 | 19:19 | 09.21.2020 | 19:40 | 09.21.2020 | 20:00 | 09.21.2020 | 20:20 |
| | Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL |
| Gasoline Range Hydrocarbons (GRO) | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Diesel Range Organics (DRO) | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Motor Oil Range Hydrocarbons (MRO) | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Total GRO-DRO | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Total TPH | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jession Vramer

Page 1 of 22

eurofins Environment Testing Xenco

Analytical Report 673152

for

LT Environmental, Inc.

Project Manager: Dan Moir

Remuda South 25 #126H

012919260

09.23.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

09.23.2020

Project Manager: **Dan Moir LT Environmental, Inc.** 4600 W. 60th Avenue Arvada, CO 80003

Reference: Eurofins Xenco, LLC Report No(s): **673152 Remuda South 25 #126H** Project Address: Eddy County

Dan Moir:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 673152. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 673152 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Environment Testing Xenco

Sample Cross Reference 673152

Remuda South 25 #126H

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|------------------|--------------|---------------|
| PH01 | S | 09.21.2020 13:20 | 3 ft | 673152-001 |
| PH02 | S | 09.21.2020 13:29 | 3 ft | 673152-002 |
| PH03 | S | 09.21.2020 10:59 | 3 ft | 673152-003 |
| PH04 | S | 09.21.2020 12:10 | 3 ft | 673152-004 |
| PH05 | S | 09.21.2020 12:29 | 3 ft | 673152-005 |
| FS01 | S | 09.21.2020 14:46 | 3 ft | 673152-006 |

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Remuda South 25 #126H

 Project ID:
 012919260

 Work Order Number(s):
 673152

 Report Date:
 09.23.2020

 Date Received:
 09.21.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Seq Number: 3137717

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: Lab Sample I | PH01 d: 673152-001 | | Matrix: Date Collec | Soil cted: 09.21.2020 13:20 | Date Received:09.21.2020 16:31 20 Sample Depth: 3 ft | | | | |
|--|---|------------|------------------------|--------------------------------|---|---------------------------------------|----------------|-------|-----|
| Analytical M Tech: Analyst: Seq Number: | ethod: Chloride by EPA MAB MAB 3137776 | 300 | Date Prep: | 09.22.2020 09:23 | | Prep Method: % Moisture: Basis: | E300P Wet W | eight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis D | ate | Flag | Dil |
| Chloride | | 16887-00-6 | 30.5 | 9.92 | mg/kg | 09.22.2020 1 | 1:55 | | 1 |
| Analytical M Tech: | ethod: TPH by SW8015 DTH DTH | Mod | Dete Deere | 00 21 2020 14.50 | | Prep Method: % Moisture: | SW801 | 15P | |

| Parameter | Cas Number | r Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|------------|-------|--------|------------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Total GRO-DRO | PHC628 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Total TPH | PHC635 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 100 | % | 70-135 | 09.21.2020 18:39 | | |
| o-Terphenyl | | 84-15-1 | 93 | % | 70-135 | 09.21.2020 18:39 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | PH01 | Matrix: | Soil | Date Received | d:09.21.2020 16:31 |
|---|--|----------------|---------------------|---------------------------------------|-----------------------|
| Lab Sample Id | 1: 673152-001 | Date Collected | l: 09.21.2020 13:20 | Sample Depth | n: 3 ft |
| Analytical Me Tech: Analyst: Seq Number: | thod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight |

| Parameter | Cas Numbe | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00400 | 0.00400 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 87 | % | 70-130 | 09.21.2020 18:43 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 09.21.2020 18:43 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: Lab Sample Id | PH02 l: 673152-002 | | Matrix: Date Colle | Soil ected: 09.21.2020 13:29 | | Date Received Sample Depth | 1:09.21 : 3 ft | 1.2020 16: | 31 |
|---|--|------------|-----------------------|---------------------------------|-------|---------------------------------------|-------------------|--------------|-----|
| Analytical Me Tech: Analyst: Seq Number: | thod: Chloride by EPA MAB MAB 3137776 | 300 | Date Prep | 09.22.2020 09:23 | | Prep Method: % Moisture: Basis: | E300 Wet |)P Weight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate | Flag | Dil |
| Chloride | | 16887-00-6 | <10.0 | 10.0 | mg/kg | 09.22.2020 12 | 2:22 | U | 1 |

| Analytical Method: TPH by SW801 | 5 Mod | | | | | Prep Method: SW | 8015P | |
|------------------------------------|------------|------------|----------|-----------------|--------|------------------|----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date Pr | rep: 0 | 9.21.2020 16:50 | | Basis: We | t Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Total GRO-DRO | PHC628 | < 50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Surrogate | | Cas Number | % Recove | ry Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 97 | % | 70-135 | 09.21.2020 18:59 |) | |
| o-Terphenyl | | 84-15-1 | 92 | % | 70-135 | 09.21.2020 18:59 |) | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id:PH02Lab Sample Id:673152-002 | | Matrix: Date Collected | Soil 1: 09.21.2020 13:29 | Date Received:02020 13:29Sample Depth: 3 | |
|---|--|---------------------------|-----------------------------|--|-----------------------|
| Analytical Me Tech: Analyst: Seq Number: | thod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight |

| Parameter | Cas Numbe | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 09.21.2020 19:05 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 92 | % | 70-130 | 09.21.2020 19:05 | | |

eurofins Environment Testing Xenco

Seq Number: 3137717

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| 3152-003 | Date Collect | red: 09.21.2020 10:59 | | Sample Depth | : 3 ft | |
|---------------------------------------|--|---|---|---|---|---|
| Chloride by EPA 300 B B 7776 | Date Prep: | 09.22.2020 09:23 | | Prep Method: % Moisture: Basis: | E300P Wet Weight | |
| Cas Number | Result F | RL | Units | Analysis Da | ate Flag | Dil |
| 16887-00-6 | 416 | 10.0 | mg/kg | 09.22.2020 12 | 2:28 | 1 |
| TPH by SW8015 Mod H | | 00.01.0000.16.50 | | Prep Method: % Moisture: | SW8015P | |
| : | Chloride by EPA 300 .B .B .7776 Cas Number 16887-00-6 TPH by SW8015 Mod | Chloride by EPA 300 .B .B Date Prep: 7776 Cas Number Result F 16887-00-6 416 : TPH by SW8015 Mod H | Chloride by EPA 300 B Date Prep: 09.22.2020 09:23 7776 Cas Number Result RL 16887-00-6 416 10.0 TPH by SW8015 Mod H | : Chloride by EPA 300 .B .B .B .Date Prep: 09.22.2020 09:23 7776 <u>Cas Number Result RL Units</u> 16887-00-6 416 10.0 mg/kg : TPH by SW8015 Mod H | : Chloride by EPA 300 Prep Method: .B Date Prep: 09.22.2020 09:23 Basis: 7776 <u>Cas Number Result RL Units Analysis Date 16887-00-6 416 10.0 mg/kg 09.22.2020 12</u> : TPH by SW8015 Mod Prep Method: H % Moisture: | : Chloride by EPA 300 Prep Method: E300P .B Date Prep: 09.22.2020 09:23 Basis: Wet Weight 7776 Cas Number RL Units Analysis Date Flag 16887-00-6 416 10.0 mg/kg 09.22.2020 12:28 : TPH by SW8015 Mod Prep Method: SW8015P % Moisture: H % Moisture: % Moisture: |

| Parameter | Cas Number | r Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|------------|-------|--------|------------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Total GRO-DRO | PHC628 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 96 | % | 70-135 | 09.21.2020 19:19 | | |
| o-Terphenyl | | 84-15-1 | 93 | % | 70-135 | 09.21.2020 19:19 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

Remuda South 25 #126H

| Sample Id: | PH03 | Matrix: | Soil | Date Received | d:09.21.2020 16:31 | |
|---|---|----------------------------------|------------------|---------------------------------------|-----------------------|--|
| Lab Sample Id: 673152-003 | | Date Collected: 09.21.2020 10:59 | | Sample Depth: 3 ft | | |
| Analytical Me Tech: Analyst: Seq Number: | ethod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight | |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 102 | % | 70-130 | 09.21.2020 19:28 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 90 | % | 70-130 | 09.21.2020 19:28 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | PH04 | | Matrix: | 2 | Soil | | Date Receive | d:09.2 | 1.2020 16: | 31 |
|---------------|-----------------------|------------|----------|------------|------------------|-------|--------------|---------|------------|-----|
| Lab Sample Io | l: 673152-004 | | Date Co | llected: (| 09.21.2020 12:10 | | Sample Dept | h: 3 ft | | |
| Analytical Me | thod: Chloride by EPA | 300 | | | | | Prep Method | : E300 | OP | |
| Tech: | MAB | | | | | | % Moisture: | | | |
| Analyst: | MAB | | Date Pre | ep: (| 09.22.2020 09:23 | | Basis: | Wet | Weight | |
| Seq Number: | 3137776 | | | | | | | | | |
| Parameter | | Cas Number | Result | RL | | Units | Analysis I | Date | Flag | Dil |
| Chloride | | 16887-00-6 | <10.0 | 10. | 0 | mg/kg | 09.22.2020 | 2:33 | U | 1 |
| | | | | | | | | | | |

| Analytical Method: TPH by SW801 | 5 Mod | | | | | Prep Method: SV | /8015P | |
|------------------------------------|------------|------------|-----------|-----------------|--------|------------------|-----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date P | rep: 09 | 0.21.2020 16:50 | 1 | Basis: We | et Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Total GRO-DRO | PHC628 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Surrogate | | Cas Number | % Recover | y Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 94 | % | 70-135 | 09.21.2020 19:4 | 0 | |
| o-Terphenyl | | 84-15-1 | 89 | % | 70-135 | 09.21.2020 19:4 | 0 | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id:PH04Lab Sample Id:673152-004 | | Matrix: | Soil | Date Received:09.21.2020 16:31 | | |
|---|--|----------------|---------------------|---------------------------------------|-----------------------|--|
| | | Date Collected | l: 09.21.2020 12:10 | Sample Depth: 3 ft | | |
| Analytical Me Tech: Analyst: Seq Number: | thod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight | |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 09.21.2020 19:50 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 91 | % | 70-130 | 09.21.2020 19:50 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | PH05 | | Matrix: | Soil | | Date Received | :09.21.20 | 020 16: | 31 |
|---------------|-----------------------|------------|----------|--------------------------|-------|---------------|-----------|---------|-----|
| Lab Sample Io | 1: 673152-005 | | Date Col | llected: 09.21.2020 12:2 | 9 | Sample Depth | : 3 ft | | |
| Analytical Me | thod: Chloride by EPA | 300 | | | | Prep Method: | E300P | | |
| Tech: | MAB | | | | | % Moisture: | | | |
| Analyst: | MAB | | Date Pre | p: 09.22.2020 09:2 | 3 | Basis: | Wet We | eight | |
| Seq Number: | 3137776 | | | - | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ite F | lag | Dil |
| Chloride | | 16887-00-6 | 20.7 | 9.98 | mg/kg | 09.22.2020 12 | 2:39 | | 1 |
| | | | | | | | | | |
| | | | | | | | | | |

| Analytical Method: TPH by SW801 | 5 Mod | | | |] | Prep Method: SW | 8015P | |
|------------------------------------|------------|------------|------------|----------------|--------|------------------|----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date P | rep: 09 | .21.2020 16:50 |] | Basis: We | t Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Total GRO-DRO | PHC628 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Surrogate | | Cas Number | % Recovery | y Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 95 | % | 70-135 | 09.21.2020 20:00 |) | |
| o-Terphenyl | | 84-15-1 | 90 | % | 70-135 | 09.21.2020 20:00 |) | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

Remuda South 25 #126H

| Sample Id: PH05 | Matrix: | Soil | Date Receiv | ed:09.21.2020 16:31 | | |
|--|-------------------------|----------------------|--------------------------------------|--------------------------|--|--|
| Lab Sample Id: 673152-005 | Date Collect | ed: 09.21.2020 12:29 | Sample Depth: 3 ft | | | |
| Analytical Method:BTEX byTech:MABAnalyst:MABSeq Number:3137712 | EPA 8021B Date Prep: | 09.21.2020 17:06 | Prep Methoo % Moisture: Basis: | l: SW5035A Wet Weight | | |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00396 | 0.00396 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 94 | % | 70-130 | 09.21.2020 20:13 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 88 | % | 70-130 | 09.21.2020 20:13 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | FS01 | | Matrix: | Soil | | Date Received | 1:09.21.2 | 020 16: | 31 |
|---------------|-----------------------|------------|------------|-------------------------|-------|---------------|-----------|---------|-----|
| Lab Sample Io | l: 673152-006 | | Date Colle | ected: 09.21.2020 14:46 | | Sample Depth | : 3 ft | | |
| Analytical Me | thod: Chloride by EPA | 300 | | | | Prep Method: | E300P | | |
| Tech: | MAB | | | | | % Moisture: | | | |
| Analyst: | MAB | | Date Prep | : 09.22.2020 09:23 | | Basis: | Wet W | eight | |
| Seq Number: | 3137776 | | | | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate l | Flag | Dil |
| Chloride | | 16887-00-6 | 217 | 9.94 | mg/kg | 09.22.2020 12 | 2:44 | | 1 |

| Analytical Method: TPH by SW801 | 5 Mod | | | | | Prep Method: SW | 8015P | |
|------------------------------------|------------|------------|-----------|----------------|--------|------------------|----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date Pr | ep: 09 | .21.2020 16:50 | | Basis: We | t Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | < 50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | < 50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Total GRO-DRO | PHC628 | < 50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Surrogate | | Cas Number | % Recover | y Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 93 | % | 70-135 | 09.21.2020 20:20 |) | |
| o-Terphenyl | | 84-15-1 | 86 | % | 70-135 | 09.21.2020 20:20 |) | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

Remuda South 25 #126H

| Sample Id: | FS01 | Matrix: | Soil | Date Received:09.21.2020 16:31 | | | |
|---|---|----------------|---------------------|---------------------------------------|-----------------------|--|--|
| Lab Sample Id | d: 673152-006 | Date Collected | l: 09.21.2020 14:46 | Sample Depth: 3 ft | | | |
| Analytical Me Tech: Analyst: Seq Number: | othod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight | | |

| Parameter | Cas Numbe | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00396 | 0.00396 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 09.21.2020 20:35 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 88 | % | 70-130 | 09.21.2020 20:35 | | |

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

| BRL | Below Reporting Limit. | ND Not Detected. | | | | | | |
|------|--------------------------------|--------------------|------------------------|-----------------------------|--------------------------------|--|--|--|
| RL | Reporting Limit | | | | | | | |
| MDL | Method Detection Limit | SDL Sample Det | LOD Limit of Detection | | | | | |
| PQL | Practical Quantitation Limit | MQL Method Qua | antitation Limit | LOQ Limit of Quantitation | 1 | | | |
| DL | Method Detection Limit | | | | | | | |
| NC | Non-Calculable | | | | | | | |
| SMP | Client Sample | | BLK | Method Blank | | | | |
| BKS/ | LCS Blank Spike/Laboratory | Control Sample | BKSD/LCSD | Blank Spike Duplicate/Labor | atory Control Sample Duplicate | | | |
| MD/S | D Method Duplicate/Samp | le Duplicate | MS | Matrix Spike | MSD: Matrix Spike Duplicate | | | |
| + NE | LAC certification not offered | for this compound. | | | | | | |

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Xenco

Environment Testing

🔅 eurofins

QC Summary 673152

LT Environmental, Inc.

Remuda South 25 #126H

| Analytical Method: | Chloride by | 7 EPA 30 | 0 | | | | | | Pr | ep Metho | od: E30 | OP | |
|---|-----------------------------|---|--------------------|---|--|--|-------------------------------|---|--|--|---|--|------|
| Seq Number: | 3137776 | | | | Matrix: | Solid | | | | Date Pre | ep: 09.2 | 22.2020 | |
| MB Sample Id: | 7711799-1-1 | BLK | | LCS San | nple Id: | 7711799-1 | I-BKS | | LCSI | O Sample | e Id: 771 | 1799-1-BSD | |
| Parameter | | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Chloride | | <10.0 | 250 | 252 | 101 | 253 | 101 | 90-110 | 0 | 20 | mg/kg | 09.22.2020 10:01 | |
| Analytical Method: | Chloride by | 7 EPA 30 | 0 | | | | | | Pr | ep Metho | od: E30 | 0P | |
| Seq Number: | 3137776 | | | | Matrix: | Soil | | | | Date Pre | ep: 09.2 | 22.2020 | |
| Parent Sample Id: | 673152-001 | | | MS Sar | nple Id: | 673152-00 | 01 S | | MS | D Sample | e Id: 673 | 152-001 SD | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Chloride | | 30.5 | 199 | 231 | 101 | 234 | 102 | 90-110 | 1 | 20 | mg/kg | 09.22.2020 12:00 | |
| Analytical Mathadu | Chlorido br | - EDA 20 | A | | | | | | D, | on Matha | -d. F30 | Ω₽ | |
| Sea Number: | 3137776 | | U | | Matrix: | Soil | | | 11 | Date Pre | en: 09.2 | 22.2020 | |
| Parent Sample Id: | 673161-001 | | | MS Sar | nple Id: | 673161-00 | 01 S | | MS | D Sample | e Id: 673 | 161-001 SD | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Chloride | | 385 | 198 | 602 | 110 | 587 | 100 | 90-110 | 3 | 20 | mg/kg | 09.22.2020 10:20 | |
| | | | | | | | | | | | | | |
| Analytical Method: Seg Number: | TPH by SW 3137717 | /8015 M | od | - | Matrix: | Solid | | | Pr | ep Metho Date Pre | od: SW | 8015P 21.2020 | |
| MB Sample Id: | 7711777-1-1 | BLK | | LCS San | nple Id: | 7711777-1 | I-BKS | | LCSI | O Sample | e Id: 771 | 1777-1-BSD | |
| Parameter | | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Gasoline Range Hydrocarbo | ons (GRO) | <50.0 | 1000 | 848 | 85 | 811 | 81 | 70-135 | 4 | 35 | ma/Ira | 09.21.2020 12:16 | |
| Diesel Range Organics (| (DRO) | | | | | 011 | 01 | 10 155 | 4 | 55 | mg/kg | | |
| C | - / | < 50.0 | 1000 | 872 | 87 | 832 | 83 | 70-135 | 4 5 | 35 | mg/kg mg/kg | 09.21.2020 12:16 | |
| Surrogate | < - / | <50.0 MB %Rec | 1000 MB Flag | 872 L | 87 CS Rec | 832 LCS Flag | 83 LCSI %Re | 70-135 70-135 D LCSI c Flag | 4 5 D Li | 35 35 mits | mg/kg mg/kg Units | 09.21.2020 12:16 Analysis Date | |
| 1-Chlorooctane | | <50.0 MB %Rec 88 | 1000 MB Flag | 872 L % | 87 CS Rec 94 | 832 LCS Flag | 83 LCSI %Re 93 | 70-135 70-135 LCSI c Flag | 4 5 D Li 8 70 | 35 mits -135 | mg/kg mg/kg Units % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 | |
| 1-Chlorooctane o-Terphenyl | | <50.0 MB %Rec 88 84 | 1000 MB Flag | 872 L % S | 87 CS Rec 94 33 | 832 LCS Flag | 83 LCSI %Re 93 80 | 70-135 70-135 D LCSI c Flag | 4 5 D Li 3 70 70 | 35 35 mits -135 -135 | mg/kg mg/kg Units % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 | |
| 1-Chlorooctane o-Terphenyl | | <50.0 MB %Rec 88 84 | 1000 MB Flag | 872 | 87 CS Rec 94 33 | 832 LCS Flag | 83 LCSI %Re 93 80 | 70-135 70-135 C Flag | 4 5 2 Li 3 70 70 | 35 35 mits -135 -135 | mg/kg mg/kg Units % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 | |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Sea Number: | TPH by SW | <50.0 MB %Rec 88 84 /8015 Me | 1000 MB Flag | 872 Li % | 87 CS Rec 94 33 | 832 LCS Flag | 83 LCSI %Re 93 80 | 70-135 70-135 c Flag | 4 5 2 Li 3 70 70 Pr | 35 mits -135 -135 ep Metho | mg/kg mg/kg Units % % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 8015P 21 2020 | |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number: | TPH by SW 3137717 | <50.0 MB %Rec 88 84 /8015 Ma | 1000 MB Flag | 872 L % 8 8 8 | 87 CS Rec 94 33 Matrix: nple Id: | Solid 7711777-1 | 83 LCSI %Re 93 80 | 70-135 70-135 C Flag | 4 5 2 3 70 70 70 | 35 mits -135 -135 ep Metho Date Pro | mg/kg mg/kg Units % % od: SW | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 8015P 21.2020 | |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number: Parameter | TPH by SW 3137717 | <50.0 MB %Rec 88 84 /8015 M | 1000 MB Flag | 872 Li % S 8 MB San MB San MB | 87 CS Rec 94 33 Matrix: nple Id: | 832 LCS Flag Solid 7711777-1 | 83 LCSI %Re 93 80 | 70-135 CCSI CFlag | 4 5 2 3 70 70 70 70 70 | 35 mits -135 -135 ep Metho Date Pro | mg/kg mg/kg Units % % od: SW ep: 09.2 Units | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 8015P 21.2020 Analysis Date | Flag |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number: Parameter Motor Oil Range Hydrocarl | TPH by SW 3137717 | <50.0 MB %Rec 88 84 /8015 M | 1000 MB Flag | 872 Li % S 8 MB San MB San MB Result <50.0 | 87 CS Rec 04 33 Matrix: nple Id: | Solid 7711777-1 | 83 LCSI %Re 93 80 | 70-135 C CS C F lag | 4 5 70 70 70 Pr | 35 mits -135 -135 ep Metho Date Pro | mg/kg mg/kg Units % % od: SW ep: 09.2 Units mg/kg | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 09.21.2020 12:16 8015P 21.2020 Analysis Date 09.21.2020 11:56 | Flag |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

 $\begin{array}{l} [D] = 100*(C-A) \ / \ B \\ RPD = 200* \ | \ (C-E) \ / \ (C+E) \ | \\ [D] = 100*(C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 19 of 22

Xenco

🔅 eurofins

QC Summary 673152

Prep Method: SW8015P

LT Environmental, Inc.

Remuda South 25 #126H

Environment Testing

| Seq Number: | 3137717 Matr | | | | | Soil Date Prep: 09.21.2020 | | | | | 1.2020 | | |
|---------------------------|--------------|------------------|-----------------|--------------|------------|----------------------------|-------------|-----------------|------|------------------------------|--------|------------------|------|
| Parent Sample Id: | 673097-001 | 73097-001 MS | | | | AS Sample Id: 673097-001 S | | | | MSD Sample Id: 673097-001 SD | | | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Gasoline Range Hydrocarbo | ons (GRO) | < 50.1 | 1000 | 852 | 85 | 846 | 85 | 70-135 | 1 | 35 | mg/kg | 09.21.2020 13:17 | |
| Diesel Range Organics (| DRO) | 68.8 | 1000 | 948 | 88 | 964 | 90 | 70-135 | 2 | 35 | mg/kg | 09.21.2020 13:17 | |
| Surrogate | | | | M %F | [S Rec | MS Flag | MSD %Ree | o MSD c Flag | L | imits | Units | Analysis Date | |
| 1-Chlorooctane | | | | 10 |)8 | | 107 | | 70 | -135 | % | 09.21.2020 13:17 | |
| o-Terphenyl | | | | 9 | 3 | | 93 | | 70 | -135 | % | 09.21.2020 13:17 | |

| Analytical Method: | BTEX by EPA 8021 | TEX by EPA 8021B | | | | | | | Prep Method: SW5035A | | | | | | |
|----------------------|------------------|------------------|------------------------------|-------------|----------------|-------------------------------|------------------|------|-----------------------|-------|------------------|------|--|--|--|
| Seq Number: | 3137712 | |] | Matrix: | Solid | | | | Date Prep: 09.21.2020 | | | | | | |
| MB Sample Id: | 7711754-1-BLK | | LCS Sample Id: 7711754-1-BKS | | | LCSD Sample Id: 7711754-1-BSD | | | | | | | | | |
| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | | | |
| Benzene | < 0.00200 | 0.100 | 0.0978 | 98 | 0.104 | 104 | 70-130 | 6 | 35 | mg/kg | 09.21.2020 11:38 | | | | |
| Toluene | < 0.00200 | 0.100 | 0.0948 | 95 | 0.101 | 101 | 70-130 | 6 | 35 | mg/kg | 09.21.2020 11:38 | | | | |
| Ethylbenzene | < 0.00200 | 0.100 | 0.0885 | 89 | 0.0941 | 94 | 71-129 | 6 | 35 | mg/kg | 09.21.2020 11:38 | | | | |
| m,p-Xylenes | < 0.00400 | 0.200 | 0.179 | 90 | 0.191 | 96 | 70-135 | 6 | 35 | mg/kg | 09.21.2020 11:38 | | | | |
| o-Xylene | < 0.00200 | 0.100 | 0.0873 | 87 | 0.0933 | 93 | 71-133 | 7 | 35 | mg/kg | 09.21.2020 11:38 | | | | |
| Surrogate | MB %Rec | MB Flag | L0 %] | CS Rec | LCS Flag | LCSI %Re |) LCSI c Flag | | imits | Units | Analysis Date | | | | |
| 1,4-Difluorobenzene | 100 | | 9 | 9 | | 99 | | 70 | -130 | % | 09.21.2020 11:38 | | | | |
| 4-Bromofluorobenzene | 86 | | 8 | 39 | | 93 | | 70 | -130 | % | 09.21.2020 11:38 | | | | |

| Analytical Method: | BTEX by EPA 8021 | B | | | | | | P | rep Meth | od: SW | 5035A | |
|--------------------|------------------|-----------------|--------------|------------|---------------|-------------|-----------------|-----------|--------------|-----------|------------------|------|
| Seq Number: | 3137712 | | | Matrix: | Soil | | | | Date Pr | ep: 09.2 | 21.2020 | |
| Parent Sample Id: | 673097-001 | | MS San | nple Id: | 673097-00 | 01 S | | MS | D Sampl | e Id: 673 | 097-001 SD | |
| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Benzene | < 0.00201 | 0.101 | 0.121 | 120 | 0.122 | 121 | 70-130 | 1 | 35 | mg/kg | 09.21.2020 12:23 | |
| Toluene | < 0.00201 | 0.101 | 0.111 | 110 | 0.127 | 126 | 70-130 | 13 | 35 | mg/kg | 09.21.2020 12:23 | |
| Ethylbenzene | < 0.00201 | 0.101 | 0.0935 | 93 | 0.118 | 117 | 71-129 | 23 | 35 | mg/kg | 09.21.2020 12:23 | |
| m,p-Xylenes | < 0.00402 | 0.201 | 0.187 | 93 | 0.238 | 118 | 70-135 | 24 | 35 | mg/kg | 09.21.2020 12:23 | |
| o-Xylene | < 0.00201 | 0.101 | 0.0916 | 91 | 0.116 | 115 | 71-133 | 24 | 35 | mg/kg | 09.21.2020 12:23 | |
| Surrogate | | | N %] | 1S Rec | MS Flag | MSD %Re |) MSI c Flag |) Li g | imits | Units | Analysis Date | |

| Surrogate | %Rec | Flag | %Rec | Flag | | | Date |
|----------------------|------|------|------|------|--------|---|------------------|
| 1,4-Difluorobenzene | 100 | | 98 | | 70-130 | % | 09.21.2020 12:23 |
| 4-Bromofluorobenzene | 92 | | 85 | | 70-130 | % | 09.21.2020 12:23 |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference $\begin{array}{l} [D] = 100*(C-A) \ / \ B \\ RPD = 200* \ | \ (C-E) \ / \ (C+E) \ | \\ [D] = 100*(C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

| S Malant TX (43:704-640) EL Pasa, TX (34)SI85-343 Lubocc, TX (98)794-233 With Xeno.com Intr., Permian office Company Name: TVC Energy Permian office North Xeno.com et Final Malant TX (43:255 S00) Mem. X.2 (43)SIS S00) Mem. Xeno.com Permian office North Xeno.com et Final Clty. State ZIP: Intr. If office Permian office Permonoffice Permian office < | telinguished by: (Sigpature) | | rvice. Xenco will be liable only for the cost of san nco. A minimum charge of \$75.00 will be applied | I otal 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be e: Signature of this document and relinquishment | | 1 | FS01 c | PH05 c | PH04 | PH03 s | PH02 s | PH01 s | Sample Identification Ma | ample Custody Seals: Yes No N | poler Custody Seals: Yes No h | eceived Intact: Eyes No | mperature (°C): 7.6/7. | SAMPLE RECEIPT Temp B | ampler's Name: Williau | O. Number: E | roject Number: 0125 | ³ roject Name: Remuda Su | ³ hone: (432) 236-3849 | Dity, State ZIP: Midland, Tx 79705 | Address: 3300 North A Stre | Company Name: LT Environmental, | Project Manager: Dan Moir | LABORATORIE |
|---|------------------------------|-----------------------------|---|--|-----|------------------|-----------------|--|-----------------|-----------------|-----------------|-----------------|---------------------------------|-------------------------------|-------------------------------|-------------------------|------------------------|-----------------------|------------------------|--------------|---------------------|-------------------------------------|-----------------------------------|------------------------------------|----------------------------|---------------------------------|---------------------------|--|
| Multimetry (v(x):704-6440) EL Peaso TX (v(x):5042-5441 Lubiooct TX (v(x))/744-426 B320: 7560 / Time XIO Energy With Litterill With X: Rinco colm Balar : Sing ZIP: XIO Energy With X: Rinco colm With X: Rinco colm City, State ZIP: XIO Energy Address: With X: Rinco colm City, State ZIP: XIO Energy Address: With X: Rinco colm City, State ZIP: XIO Energy Address: With X: Rinco colm Number of City, State ZIP: XIO Energy Address: With City City City City City City City City | le ('stat | Received by: (Sign | mples and shall not assume an to each project and a charge of | analyzed TCLP / S | 12/ | SIZ 11ZUZU 14.40 | 21.21 020211210 | 0/02/02/02/02/02/02/02/02/02/02/02/02/02 | 9/24/2020 42:40 | 9/21/2020 10:59 | 9/21/2020 13:29 | 9/21/2020 13:20 | trix Date Time Sampled Sampt | V/A Total Contain | V/A Correction Fau | T-NM-A | 4 Thermon | lank: Wet No Wet | m Mather | Eddy | 19260 | outh 25 #126H | | | et | , Inc., Permian office | | Hobbs, NM (5 |
| (a) EL Paso, TX (915)595-3431 Lubbock, TX (900)79-1295 WWX 2000 WWX 2000 Kijle Littrell Work Order G Nork Order G XTO Energy Nork Order G State of Project: Reporting:Level II BRP []rown State of Project: Reporting:Level II Brevel III Brevel | 6 9.2 | ature) | / responsibility for any loss f \$5 for each sample submi | 3PPM Texas 11 <i>A</i> PLP 6010: 8RCRA | | - | . 1 | 2 0 | 2 0 | <u>ي</u> (| 32 | 3 1 | d Depth | ers: 6 | tor: -0.2 | L | eter ID | Ice: Mas No | ue Date: | lush: | Poutine P | Turn Around | mail: wmather@ltenv.c | City, State ZIP: | Address: | Company Name: | Bill to: (if different) | Midland,TX (432-704-544 /5-392-7550) Phoenix,A2 |
| 5-343 Lubbock, TX (806)784-1296 Work Order (Pogram: UST/PSTRPFrom State of Project: Reporting:Level IIevel IIIPT/ Deliverables: EDD ADaP1 AMALYSIS REQUEST AMALYSIS REQUEST AMALYSIS REQUEST ADaP1 State of Project: ADaP1 State of Project: ADaP1 State of Project: ADaP1 Constraints Reporting:Level IIPT/ Deliverables: EDD ADaP1 AMALYSIS REQUEST ADaP1 State of Project: ADaP1 State of Project: ADaP1 AGE Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Ag SiO2 Na G Ca Cr Co Cu Pb Mn Mo Ni Se Ag TI U 1631 Timeste and subcontrators. It assigns standard terms and conditions Bod Circumstances beyond the control Py the client if such tostes are due to circumstances beyond the control 1631 Received by: (Signature) Received by: (Signature) | 21-20 16:31 | Date/Time | it company to Xenco, its a ses or expenses incurred itted to Xenco, but not an | Al Sb As Ba Be E Sb As Ba Be C | | × × × | × × × | × × × | > > × × | < | < : | x x x | TPH (EF BTEX (F Chloride | PA 80 EPA 0 | 15) =802 A 30 | 21) | | | | | | | com, dmoir@ltenv.co | | | : XTO Energy | Kyle Littrell | 0) EL Paso,TX (915)58 2 (480-355-0900) Atlant |
| -620-2000) Work Xenco.com Frogram: UST/PSTRPirown State of Project: Peliverables: EDD Peel IIIPT/ Deliverables: EDD ADaP1 ST ST ST ST ST ST ST ST ST ST | | Relinquished by: (Signature | iffiliates and subcontractors. It assigns - by the client if such losses are due to cli alyzed. These terms will be enforced unli | 3 Cd Ca Cr Co Cu Fe Pb I d Cr Co Cu Pb Mn Mo Ni | | | | | | | | | | | | | | | | | | ANALYSIS REOLI | | | | | | 5-3443 Lubbock,TX (806)794-1296 a,GA (770-449-8800) Tampa,FL (813 |
| | | e) Received by: (Signature) | standard terms and conditions ircumstances beyond the control liess previously negotiated. | Mg Mn Mo Ni K Se Ag SiO2 Na Se Ag TI U 1631 | | | | | | | | | | | | | | | | | | EST | Deliverables: EDD ADaPT | Reporting:Level II Devel III | State of Project: | Program: UST/PST | Work Order C | 3-620-2000) WWW XENCO COM |

f 138

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

| Client: LT Environmental, Inc. | Acceptable Temperature Range: 0 - 6 degC | | | | | | | |
|---|--|----------|--------------------------------------|--|--|--|--|--|
| Date/ Time Received: 09.21.2020 04.31.00 PM | Air and Metal san | nples Ac | cceptable Range: Ambient | | | | | |
| Work Order #: 673152 | Temperature Mea | suring o | device used : T_NM_007 | | | | | |
| Sample Rec | eipt Checklist | | Comments | | | | | |
| #1 *Temperature of cooler(s)? | | 7.4 | | | | | | |
| #2 *Shipping container in good condition? | | Yes | | | | | | |
| #3 *Samples received on ice? | | Yes | | | | | | |
| #4 *Custody Seals intact on shipping container/ cooler? | | Yes | | | | | | |
| #5 Custody Seals intact on sample bottles? | | Yes | | | | | | |
| #6*Custody Seals Signed and dated? | | Yes | | | | | | |
| #7 *Chain of Custody present? | | Yes | | | | | | |
| #8 Any missing/extra samples? | | No | | | | | | |
| #9 Chain of Custody signed when relinquished/ received? | | Yes | | | | | | |
| #10 Chain of Custody agrees with sample labels/matrix? | | Yes | | | | | | |
| #11 Container label(s) legible and intact? | | Yes | | | | | | |
| #12 Samples in proper container/ bottle? | | Yes | Samples received in bulk containers. | | | | | |
| #13 Samples properly preserved? | | Yes | | | | | | |
| #14 Sample container(s) intact? | | Yes | | | | | | |
| #15 Sufficient sample amount for indicated test(s)? | | Yes | | | | | | |
| #16 All samples received within hold time? | | Yes | | | | | | |
| #17 Subcontract of sample(s)? | | No | | | | | | |
| #18 Water VOC samples have zero headspace? | | N/A | | | | | | |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 09.21.2020

Checklist reviewed by: Jessica Kramer

Date: 09.23.2020

🔅 eurofins

Г

Environment Testing Xenco

Project Id: 012919260 Contact: Dan Moir

Project Location: Eddy County

Certificate of Analysis Summary 673152

LT Environmental, Inc., Arvada, CO

Project Name: Remuda South 25 #126H

Date Received in Lab: Mon 09.21.2020 16:31

Report Date: 09.24.2020 08:02

Project Manager: Jessica Kramer

| | Lab Id: | 673152-0 | 01 | 673152-0 | 02 | 673152-0 | 003 | 673152-0 | 004 | 673152-0 | 005 | 673152-0 | 06 |
|------------------------------------|------------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|
| Analysis Requested | Field Id: | PH01 | | PH02 | | PH03 | | PH04 | | PH05 | | FS01 | |
| Anulysis Kequesieu | Depth: | 3- ft | 3- ft | | | 3- ft | | 3- ft | | 3- ft | | 1- ft | |
| | Matrix: | SOIL | |
| | Sampled: | 09.21.2020 | 13:20 | 09.21.2020 | 13:29 | 09.21.2020 | 10:59 | 09.21.2020 | 12:10 | 09.21.2020 | 12:29 | 09.21.2020 | 14:46 |
| BTEX by EPA 8021B | Extracted: | 09.21.2020 | 17:06 | 09.21.2020 | 17:06 | 09.21.2020 | 17:06 | 09.21.2020 | 17:06 | 09.21.2020 | 17:06 | 09.21.2020 | 17:06 |
| | Analyzed: | 09.21.2020 | 18:43 | 09.21.2020 | 19:05 | 09.21.2020 | 19:28 | 09.21.2020 | 19:50 | 09.21.2020 | 20:13 | 09.21.2020 | 20:35 |
| | Units/RL: | mg/kg | RL |
| Benzene | | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Toluene | | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Ethylbenzene | | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| m,p-Xylenes | | < 0.00400 | 0.00400 | <0.00398 | 0.00398 | <0.00399 | 0.00399 | < 0.00402 | 0.00402 | < 0.00396 | 0.00396 | < 0.00396 | 0.00396 |
| o-Xylene | | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Total Xylenes | | < 0.00200 | 0.00200 | < 0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Total BTEX | | < 0.00200 | 0.00200 | <0.00199 | 0.00199 | < 0.00200 | 0.00200 | < 0.00201 | 0.00201 | < 0.00198 | 0.00198 | < 0.00198 | 0.00198 |
| Chloride by EPA 300 | Extracted: | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 | 09.22.2020 | 09:23 |
| | Analyzed: | 09.22.2020 | 11:55 | 09.22.2020 | 12:22 | 09.22.2020 | 12:28 | 09.22.2020 | 12:33 | 09.22.2020 | 12:39 | 09.22.2020 | 12:44 |
| | Units/RL: | mg/kg | RL |
| Chloride | | 30.5 | 9.92 | <10.0 | 10.0 | 416 | 10.0 | <10.0 | 10.0 | 20.7 | 9.98 | 217 | 9.94 |
| TPH by SW8015 Mod | Extracted: | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 | 09.21.2020 | 16:50 |
| | Analyzed: | 09.21.2020 | 18:39 | 09.21.2020 | 18:59 | 09.21.2020 | 19:19 | 09.21.2020 | 19:40 | 09.21.2020 | 20:00 | 09.21.2020 | 20:20 |
| | Units/RL: | mg/kg | RL |
| Gasoline Range Hydrocarbons (GRO) | | <50.2 | 50.2 | <50.1 | 50.1 | < 50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Diesel Range Organics (DRO) | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Motor Oil Range Hydrocarbons (MRO) | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Total GRO-DRO | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |
| Total TPH | | <50.2 | 50.2 | <50.1 | 50.1 | <50.1 | 50.1 | <50.0 | 50.0 | <50.1 | 50.1 | <50.1 | 50.1 |

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jession Vramer

Page 98 of 138

Page 1 of 22

eurofins Environment Testing Xenco

Analytical Report 673152

for

LT Environmental, Inc.

Project Manager: Dan Moir

Remuda South 25 #126H

012919260

09.24.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

09.24.2020

Project Manager: **Dan Moir LT Environmental, Inc.** 4600 W. 60th Avenue Arvada, CO 80003

Reference: Eurofins Xenco, LLC Report No(s): **673152 Remuda South 25 #126H** Project Address: Eddy County

Dan Moir:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 673152. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 673152 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Page 3 of 22

Environment Testing Xenco

Sample Cross Reference 673152

Remuda South 25 #126H

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|------------------|--------------|---------------|
| PH01 | S | 09.21.2020 13:20 | 3 ft | 673152-001 |
| PH02 | S | 09.21.2020 13:29 | 3 ft | 673152-002 |
| PH03 | S | 09.21.2020 10:59 | 3 ft | 673152-003 |
| PH04 | S | 09.21.2020 12:10 | 3 ft | 673152-004 |
| PH05 | S | 09.21.2020 12:29 | 3 ft | 673152-005 |
| FS01 | S | 09.21.2020 14:46 | 1 ft | 673152-006 |

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Remuda South 25 #126H

 Project ID:
 012919260

 Work Order Number(s):
 673152

 Report Date:
 09.24.2020

 Date Received:
 09.21.2020

Sample receipt non conformances and comments:

V1.001 Revision - Corrected sample depth on FS01 to 1'

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Seq Number: 3137717

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: Lab Sample Id | PH01 d: 673152-001 | | Matrix: Date Collec | Soil eted: 09.21.2020 13:20 | | Date Received Sample Depth | 1:09.21. :: 3 ft | 2020 16: | 31 |
|---|---|------------|------------------------|--------------------------------|-------|---------------------------------------|---------------------|----------|-----|
| Analytical Me Tech: Analyst: Seq Number: | ethod: Chloride by EPA MAB MAB 3137776 | 300 | Date Prep: | 09.22.2020 09:23 | | Prep Method: % Moisture: Basis: | E300F Wet W | veight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate | Flag | Dil |
| Chloride | | 16887-00-6 | 30.5 | 9.92 | mg/kg | 09.22.2020 1 | 1:55 | | 1 |
| Analytical Me Tech: | ethod: TPH by SW8015 DTH | Mod | | | | Prep Method: % Moisture: | SW80 | 15P | |
| Analyst: | DTH | | Date Prep: | 09.21.2020 16:50 | | Basis: | Wet W | Veight | |

| Parameter | Cas Numbe | r Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|-----------|------------|------------|-------|--------|------------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Total GRO-DRO | PHC628 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Total TPH | PHC635 | <50.2 | 50.2 | | mg/kg | 09.21.2020 18:39 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 100 | % | 70-135 | 09.21.2020 18:39 | | |
| o-Terphenyl | | 84-15-1 | 93 | % | 70-135 | 09.21.2020 18:39 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

Remuda South 25 #126H

| Sample Id: | PH01 | Matrix: | Soil | Date Received | 1:09.21.2020 16:31 |
|---|---|----------------|--------------------|---------------------------------------|-----------------------|
| Lab Sample Io | d: 673152-001 | Date Collected | 1:09.21.2020 13:20 | Sample Depth | : 3 ft |
| Analytical Me Tech: Analyst: Seq Number: | ethod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00400 | 0.00400 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 18:43 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 87 | % | 70-130 | 09.21.2020 18:43 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 09.21.2020 18:43 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: Lab Sample Id | PH02 1: 673152-002 | | Matrix: Date Colle | Soil ected: 09.21.2020 13:29 | | Date Received Sample Depth | 1:09.21 : 3 ft | .2020 16:: | 31 |
|---|--|------------|-----------------------|---------------------------------|-------|---------------------------------------|-------------------|-------------|-----|
| Analytical Me Tech: Analyst: Seq Number: | thod: Chloride by EPA MAB MAB 3137776 | 300 | Date Prep | : 09.22.2020 09:23 | | Prep Method: % Moisture: Basis: | E300 Wet | P Weight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate | Flag | Dil |
| Chloride | | 16887-00-6 | <10.0 | 10.0 | mg/kg | 09.22.2020 12 | 2:22 | U | 1 |

| Analytical Method: TPH by SW80 | 15 Mod | | | | | Prep Method: SV | V8015P | |
|------------------------------------|------------|------------|------------|---------------|--------|------------------|-----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date P | rep: 09.1 | 21.2020 16:50 |) | Basis: W | et Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | < 50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | < 50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Total GRO-DRO | PHC628 | < 50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 18:59 | U | 1 |
| Surrogate | (| Cas Number | % Recovery | Units | Limits | Analysis Dat | e Flag | |
| 1-Chlorooctane | 1 | 111-85-3 | 97 | % | 70-135 | 09.21.2020 18: | 59 | |
| o-Terphenyl | 8 | 34-15-1 | 92 | % | 70-135 | 09.21.2020 18: | 59 | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | PH02 | Matrix: | Soil | Date Received | 1:09.21.2020 16:31 | |
|---|---|----------------------------------|------------------|---------------------------------------|-----------------------|--|
| Lab Sample Id: 673152-002 | | Date Collected: 09.21.2020 13:29 | | Sample Depth: 3 ft | | |
| Analytical Meth Tech: Analyst: Seq Number: | hod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight | |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Toluene | 108-88-3 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00398 | 0.00398 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Total BTEX | | < 0.00199 | 0.00199 | | mg/kg | 09.21.2020 19:05 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 09.21.2020 19:05 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 92 | % | 70-130 | 09.21.2020 19:05 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id:PH03Lab Sample Id:673152-003 | | | Matrix: Date Collec | Soil cted: 09.21.2020 10:59 | | Date Received Sample Depth | 1:09.21.2020 16 :: 3 ft | 5:31 |
|---|---|------------|------------------------|--------------------------------|-------|---------------------------------------|----------------------------|------|
| Analytical Me Tech: Analyst: Seq Number: | ethod: Chloride by EPA MAB MAB 3137776 | 300 | Date Prep: | 09.22.2020 09:23 | | Prep Method: % Moisture: Basis: | E300P Wet Weight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis D | ate Flag | Dil |
| Chloride | | 16887-00-6 | 416 | 10.0 | mg/kg | 09.22.2020 12 | 2:28 | 1 |
| Analytical Me | ethod: TPH by SW8015 | Mod | | | | Prep Method: | SW8015P | |
| Tech: | DTH | | | | | % Moisture: | | |
| Analyst: | DTH | | Date Prep: | 09.21.2020 16:50 | | Basis: | Wet Weight | |
| Seq Number: | 3137717 | | | | | | | |

| Parameter | Cas Numbe | r Result | RL | | Units | Analysis Date | Flag | Dil |
|-------------------------------------|-----------|------------|------------|-------|--------|------------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Diesel Range Organics (DRO) C10C28D | | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Total GRO-DRO | PHC628 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 19:19 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 96 | % | 70-135 | 09.21.2020 19:19 | | |
| o-Terphenyl | | 84-15-1 | 93 | % | 70-135 | 09.21.2020 19:19 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

Remuda South 25 #126H

| Sample Id: | РН03 | Matrix: | Soil | Date Received | 1:09.21.2020 16:31 | |
|---|--|----------------------------------|------------------|---------------------------------------|-----------------------|--|
| Lab Sample Id: 673152-003 | | Date Collected: 09.21.2020 10:59 | | Sample Depth: 3 ft | | |
| Analytical Me Tech: Analyst: Seq Number: | thod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight | |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.21.2020 19:28 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 102 | % | 70-130 | 09.21.2020 19:28 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 90 | % | 70-130 | 09.21.2020 19:28 | | |
eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id:PH04Lab Sample Id:673152-004 | | | Matrix: Soil Date Collected: 09.21.2020 12:10 | | | Date Received:09.21.2020 16:31 Sample Depth: 3 ft | | | |
|---|---|------------|--|--------------------|-------|--|---------------|-------------|-----|
| Analytical Me Tech: Analyst: Seq Number: | ethod: Chloride by EPA MAB MAB 3137776 | 300 | Date Prep | : 09.22.2020 09:23 | | Prep Method: % Moisture: Basis: | E300 Wet V | P Weight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate | Flag | Dil |
| Chloride | | 16887-00-6 | <10.0 | 10.0 | mg/kg | 09.22.2020 12 | 2:33 | U | 1 |

| Analytical Method: TPH by SW801 | 5 Mod | | | | | Prep Method: SW | /8015P | |
|------------------------------------|------------|------------|-----------|----------------|--------|------------------|----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date P | rep: 09 | .21.2020 16:50 | | Basis: We | t Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Total GRO-DRO | PHC628 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Total TPH | PHC635 | <50.0 | 50.0 | | mg/kg | 09.21.2020 19:40 | U | 1 |
| Surrogate | | Cas Number | % Recover | y Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 94 | % | 70-135 | 09.21.2020 19:4 | 0 | |
| o-Terphenyl | | 84-15-1 | 89 | % | 70-135 | 09.21.2020 19:4 | 0 | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | PH04 | Matrix: | Soil | Date Received | d:09.21.2020 16:31 | |
|---|---|----------------------------------|------------------|---------------------------------------|-----------------------|--|
| Lab Sample Id: 673152-004 | | Date Collected: 09.21.2020 12:10 | | Sample Depth: 3 ft | | |
| Analytical Me Tech: Analyst: Seq Number: | ethod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight | |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Toluene | 108-88-3 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00402 | 0.00402 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Total BTEX | | < 0.00201 | 0.00201 | | mg/kg | 09.21.2020 19:50 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 101 | % | 70-130 | 09.21.2020 19:50 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 91 | % | 70-130 | 09.21.2020 19:50 | | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | PH05 | | Matrix: | Soil | | Date Received | 1:09.21. | 2020 16:3 | 31 |
|---------------|-----------------------|------------|------------|-------------------------|-------|---------------|----------|-----------|-----|
| Lab Sample Io | l: 673152-005 | | Date Colle | ected: 09.21.2020 12:29 | | Sample Depth | :3 ft | | |
| Analytical Me | thod: Chloride by EPA | 300 | | | | Prep Method: | E300F |) | |
| Tech: | MAB | | | | | % Moisture: | | | |
| Analyst: | MAB | | Date Prep | 09.22.2020 09:23 | | Basis: | Wet W | Veight | |
| Seq Number: | 3137776 | | | | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate | Flag | Dil |
| Chloride | | 16887-00-6 | 20.7 | 9.98 | mg/kg | 09.22.2020 12 | 2:39 | | 1 |

| Analytical Method: TPH by SW80 | 15 Mod | | | | | Prep Method: SW | /8015P | |
|------------------------------------|------------|------------|-----------|----------------|--------|------------------|-----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date P | rep: 09 | .21.2020 16:50 |) | Basis: We | et Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Total GRO-DRO | PHC628 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:00 | U | 1 |
| Surrogate | (| Cas Number | % Recover | y Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 1 | 111-85-3 | 95 | % | 70-135 | 09.21.2020 20:0 | 0 | |
| o-Terphenyl | 8 | 84-15-1 | 90 | % | 70-135 | 09.21.2020 20:0 | 0 | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

Remuda South 25 #126H

| Sample Id: PH05 | Matrix: | Soil | Date Receiv | ed:09.21.2020 16:31 | |
|--|-------------------------|----------------------|--------------------------------------|--------------------------|--|
| Lab Sample Id: 673152-005 | Date Collect | ed: 09.21.2020 12:29 | Sample Depth: 3 ft | | |
| Analytical Method:BTEX byTech:MABAnalyst:MABSeq Number:3137712 | EPA 8021B Date Prep: | 09.21.2020 17:06 | Prep Methoo % Moisture: Basis: | l: SW5035A Wet Weight | |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00396 | 0.00396 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:13 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 94 | % | 70-130 | 09.21.2020 20:13 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 88 | % | 70-130 | 09.21.2020 20:13 | | |

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Chloride | | 16887-00-6 | 217 | 9 94 | mo/ko | 09 22 2020 12 | 2.44 | 1 |
|---------------|------------------------|------------|-----------|-------------------------|-------|---------------|----------------|-------|
| Parameter | | Cas Number | Result | RL | Units | Analysis D | ate Flag | Dil |
| Seq Number: | 3137776 | | | | | | | |
| Analyst: | MAB | | Date Prep | b: 09.22.2020 09:2 | 23 | Basis: | Wet Weight | |
| Tech: | MAB | | | | | % Moisture: | | |
| Analytical Me | ethod: Chloride by EPA | 300 | | | | Prep Method: | E300P | |
| Lab Sample I | d: 673152-006 | | Date Coll | lected: 09.21.2020 14:4 | 46 | Sample Depth | n: 1 ft | |
| Sample Id: | FS01 | | Matrix: | Soil | | Date Received | d:09.21.2020 1 | 16:31 |

| Analytical Method: TPH by SW801 | 15 Mod | | | | | Prep Method: SW | /8015P | |
|------------------------------------|------------|------------|----------|-----------------|--------|------------------|----------|-----|
| Tech: DTH | | | | | | % Moisture: | | |
| Analyst: DTH | | Date P | rep: 0 | 9.21.2020 16:50 | | Basis: We | t Weight | |
| Seq Number: 3137717 | | | | | | | | |
| Parameter | Cas Number | Result | RL | | Units | Analysis Date | Flag | Dil |
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Total GRO-DRO | PHC628 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Total TPH | PHC635 | <50.1 | 50.1 | | mg/kg | 09.21.2020 20:20 | U | 1 |
| Surrogate | | Cas Number | % Recove | ry Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 93 | % | 70-135 | 09.21.2020 20:2 | 0 | |
| o-Terphenyl | | 84-15-1 | 86 | % | 70-135 | 09.21.2020 20:2 | 0 | |

eurofins Environment Testing Xenco

Certificate of Analytical Results 673152

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | FS01 | Matrix: | Soil | Date Received:09.21.214:46Sample Depth: 1 ft | |
|--|---|----------------|---------------------|--|-----------------------|
| Lab Sample Id: | : 673152-006 | Date Collected | l: 09.21.2020 14:46 | | |
| Analytical Met Tech: Analyst: Seq Number: | hod: BTEX by EPA 8021B MAB MAB 3137712 | Date Prep: | 09.21.2020 17:06 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Toluene | 108-88-3 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00396 | 0.00396 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Total BTEX | | < 0.00198 | 0.00198 | | mg/kg | 09.21.2020 20:35 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 99 | % | 70-130 | 09.21.2020 20:35 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 88 | % | 70-130 | 09.21.2020 20:35 | | |

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

| BRL | Below Reporting Limit. | ND Not Detected. | | | |
|------|--------------------------------|--------------------|------------------|-----------------------------|--------------------------------|
| RL | Reporting Limit | | | | |
| MDL | Method Detection Limit | SDL Sample Det | ection Limit | LOD Limit of Detection | |
| PQL | Practical Quantitation Limit | MQL Method Qua | antitation Limit | LOQ Limit of Quantitation | 1 |
| DL | Method Detection Limit | | | | |
| NC | Non-Calculable | | | | |
| SMP | Client Sample | | BLK | Method Blank | |
| BKS/ | LCS Blank Spike/Laboratory | Control Sample | BKSD/LCSD | Blank Spike Duplicate/Labor | atory Control Sample Duplicate |
| MD/S | D Method Duplicate/Samp | le Duplicate | MS | Matrix Spike | MSD: Matrix Spike Duplicate |
| + NE | LAC certification not offered | for this compound. | | | |

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Xenco

Environment Testing

🔅 eurofins

QC Summary 673152

LT Environmental, Inc.

Remuda South 25 #126H

| Analytical Method: | Chloride by | 7 EPA 30 | 0 | | | | | | Pr | ep Metho | od: E30 | OP | |
|---|-----------------------------|---|--------------------|---|--|--|-------------------------------|---|--|--|---|--|------|
| Seq Number: | 3137776 | | | | Matrix: | Solid | | | | Date Pre | ep: 09.2 | 22.2020 | |
| MB Sample Id: | 7711799-1-1 | BLK | | LCS San | nple Id: | 7711799-1 | I-BKS | | LCSI | O Sample | e Id: 771 | 1799-1-BSD | |
| Parameter | | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Chloride | | <10.0 | 250 | 252 | 101 | 253 | 101 | 90-110 | 0 | 20 | mg/kg | 09.22.2020 10:01 | |
| Analytical Method: | Chloride by | 7 EPA 30 | 0 | | | | | | Pr | ep Metho | od: E30 | 0P | |
| Seq Number: | 3137776 | | | | Matrix: | Soil | | | | Date Pre | ep: 09.2 | 22.2020 | |
| Parent Sample Id: | 673152-001 | | | MS Sar | nple Id: | 673152-00 | 01 S | | MS | D Sample | e Id: 673 | 152-001 SD | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Chloride | | 30.5 | 199 | 231 | 101 | 234 | 102 | 90-110 | 1 | 20 | mg/kg | 09.22.2020 12:00 | |
| Analytical Mathadu | Chlorido br | - EDA 20 | A | | | | | | D, | on Matha | -d. F30 | Ω₽ | |
| Sea Number: | 3137776 | | U | | Matrix: | Soil | | | 11 | Date Pre | en: 09.2 | 22.2020 | |
| Parent Sample Id: | 673161-001 | | | MS Sar | nple Id: | 673161-00 | 01 S | | MS | D Sample | e Id: 673 | 161-001 SD | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Chloride | | 385 | 198 | 602 | 110 | 587 | 100 | 90-110 | 3 | 20 | mg/kg | 09.22.2020 10:20 | |
| | | | | | | | | | | | | | |
| Analytical Method: Seg Number: | TPH by SW 3137717 | /8015 M | od | - | Matrix: | Solid | | | Pr | ep Metho Date Pre | od: SW | 8015P 21.2020 | |
| MB Sample Id: | 7711777-1-1 | BLK | | LCS San | nple Id: | 7711777-1 | I-BKS | | LCSI | O Sample | e Id: 771 | 1777-1-BSD | |
| Parameter | | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Gasoline Range Hydrocarbo | ons (GRO) | <50.0 | 1000 | 848 | 85 | 811 | 81 | 70-135 | 4 | 35 | ma/Ira | 09.21.2020 12:16 | |
| Diesel Range Organics (| (DRO) | | | | | 011 | 01 | 10 155 | 4 | 55 | mg/kg | | |
| C | - / | < 50.0 | 1000 | 872 | 87 | 832 | 83 | 70-135 | 4 5 | 35 | mg/kg | 09.21.2020 12:16 | |
| Surrogate | < - / | <50.0 MB %Rec | 1000 MB Flag | 872 L | 87 CS Rec | 832 LCS Flag | 83 LCSI %Re | 70-135 70-135 D LCSI c Flag | 4 5 D Li | 35 35 mits | mg/kg mg/kg Units | 09.21.2020 12:16 Analysis Date | |
| 1-Chlorooctane | | <50.0 MB %Rec 88 | 1000 MB Flag | 872 L % | 87 CS Rec 94 | 832 LCS Flag | 83 LCSI %Re 93 | 70-135 70-135) LCSI c Flag | 4 5 D Li 8 70 | 35 mits -135 | mg/kg mg/kg Units % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 | |
| 1-Chlorooctane o-Terphenyl | | <50.0 MB %Rec 88 84 | 1000 MB Flag | 872 L % S | 87 CS Rec 94 33 | 832 LCS Flag | 83 LCSI %Re 93 80 | 70-135 70-135 D LCSI c Flag | 4 5 D Li 3 70 70 | 35 35 mits -135 -135 | mg/kg mg/kg Units % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 | |
| 1-Chlorooctane o-Terphenyl | | <50.0 MB %Rec 88 84 | 1000 MB Flag | 872 | 87 CS Rec 94 33 | 832 LCS Flag | 83 LCSI %Re 93 80 | 70-135 70-135 C Flag | 4 5 2 Li 3 70 70 | 35 35 mits -135 -135 | mg/kg mg/kg Units % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 | |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Sea Number: | TPH by SW | <50.0 MB %Rec 88 84 /8015 Me | 1000 MB Flag | 872 Li % | 87 CS Rec 94 33 | 832 LCS Flag | 83 LCSI %Re 93 80 | 70-135 70-135 c Flag | 4 5 2 Li 3 70 70 Pr | 35 mits -135 -135 ep Metho | mg/kg mg/kg Units % % | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 8015P 21 2020 | |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number: | TPH by SW 3137717 | <50.0 MB %Rec 88 84 /8015 Ma | 1000 MB Flag | 872 L % 8 8 8 | 87 CS Rec 94 33 Matrix: nple Id: | Solid 7711777-1 | 83 LCSI %Re 93 80 | 70-135 70-135 C Flag | 4 5 2 3 70 70 70 | 35 mits -135 -135 ep Metho Date Pro | mg/kg mg/kg Units % % od: SW | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 8015P 21.2020 | |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number: Parameter | TPH by SW 3137717 | <50.0 MB %Rec 88 84 /8015 M | 1000 MB Flag | 872 Li % S 8 MB San MB San MB | 87 CS Rec 94 33 Matrix: nple Id: | 832 LCS Flag Solid 7711777-1 | 83 LCSI %Re 93 80 | 70-135 CCSI CFlag | 4 5 2 3 70 70 70 70 70 | 35 mits -135 -135 ep Metho Date Pro | mg/kg mg/kg Units % % od: SW ep: 09.2 Units | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 8015P 21.2020 Analysis Date | Flag |
| Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number: Parameter Motor Oil Range Hydrocarl | TPH by SW 3137717 | <50.0 MB %Rec 88 84 /8015 M | 1000 MB Flag | 872 Li % S 8 MB San MB San MB Result <50.0 | 87 CS Rec 04 33 Matrix: nple Id: | Solid 7711777-1 | 83 LCSI %Re 93 80 | 70-135 70-135 C Flag | 4 5 8 70 70 70 | 35 mits -135 -135 ep Metho Date Pro | mg/kg mg/kg Units % % od: SW ep: 09.2 Units mg/kg | 09.21.2020 12:16 Analysis Date 09.21.2020 12:16 09.21.2020 12:16 09.21.2020 12:16 8015P 21.2020 Analysis Date 09.21.2020 11:56 | Flag |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference $\label{eq:c-A} \begin{array}{l} [D] = 100^{*}(C\text{-}A) \ / \ B \\ RPD = 200^{*} \ | \ (C\text{-}E) \ / \ (C\text{+}E) \ | \\ [D] = 100^{*} \ (C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 19 of 22

Xenco

Environment Testing

🔅 eurofins

QC Summary 673152

Flag

LT Environmental, Inc.

Remuda South 25 #126H

| Analytical Method: | TPH by SW | V8015 M | od | | | | | | Pi | rep Meth | od: SW | 8015P |
|--------------------------|------------|------------------|-----------------|--------------|------------|---------------|-------------|-------------|------|--------------|-----------|------------------|
| Seq Number: | 3137717 | | |] | Matrix: | Soil | | | | Date Pr | ep: 09.2 | 21.2020 |
| Parent Sample Id: | 673097-001 | | | MS San | nple Id: | 673097-00 | 01 S | | MS | D Sample | e Id: 673 | 097-001 SD |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date |
| Gasoline Range Hydrocarb | ons (GRO) | < 50.1 | 1000 | 852 | 85 | 846 | 85 | 70-135 | 1 | 35 | mg/kg | 09.21.2020 13:17 |
| Diesel Range Organics | (DRO) | 68.8 | 1000 | 948 | 88 | 964 | 90 | 70-135 | 2 | 35 | mg/kg | 09.21.2020 13:17 |
| Surrogate | | | | N %] | IS Rec | MS Flag | MSD %Rec | MSD Flag |) Li | imits | Units | Analysis Date |
| 1-Chlorooctane | | | | 1 | 08 | | 107 | | 70 | -135 | % | 09.21.2020 13:17 |
| o-Terphenyl | | | | 9 | 03 | | 93 | | 70 | -135 | % | 09.21.2020 13:17 |
| | | | | | | | | | | | | |

| Analytical Method: | BTEX by EPA 8021 | В | | | | | | Pi | rep Meth | od: SW | 5035A | |
|----------------------|------------------|-----------------|---------------|-------------|----------------|--------------|------------------|-----------|--------------|-----------|------------------|------|
| Seq Number: | 3137712 | | I | Matrix: | Solid | | | | Date Pr | ep: 09.2 | 21.2020 | |
| MB Sample Id: | 7711754-1-BLK | | LCS San | ple Id: | 7711754-2 | I-BKS | | LCS | D Sample | e Id: 771 | 1754-1-BSD | |
| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Benzene | < 0.00200 | 0.100 | 0.0978 | 98 | 0.104 | 104 | 70-130 | 6 | 35 | mg/kg | 09.21.2020 11:38 | |
| Toluene | < 0.00200 | 0.100 | 0.0948 | 95 | 0.101 | 101 | 70-130 | 6 | 35 | mg/kg | 09.21.2020 11:38 | |
| Ethylbenzene | < 0.00200 | 0.100 | 0.0885 | 89 | 0.0941 | 94 | 71-129 | 6 | 35 | mg/kg | 09.21.2020 11:38 | |
| m,p-Xylenes | < 0.00400 | 0.200 | 0.179 | 90 | 0.191 | 96 | 70-135 | 6 | 35 | mg/kg | 09.21.2020 11:38 | |
| o-Xylene | < 0.00200 | 0.100 | 0.0873 | 87 | 0.0933 | 93 | 71-133 | 7 | 35 | mg/kg | 09.21.2020 11:38 | |
| Surrogate | MB %Rec | MB Flag | L0 %I | CS Rec | LCS Flag | LCSI %Re |) LCSI c Flag | D Li ; | imits | Units | Analysis Date | |
| 1,4-Difluorobenzene | 100 | | 9 | 9 | | 99 | | 70 | -130 | % | 09.21.2020 11:38 | |
| 4-Bromofluorobenzene | 86 | | 8 | 9 | | 93 | | 70 | -130 | % | 09.21.2020 11:38 | |

| Analytical Method: | BTEX by EPA 8021 | IB | | | | | | Pi | rep Meth | od: SW | 5035A | |
|---------------------------|------------------|-----------------|--------------|------------|---------------|-------------|----------------------------|-----------|--------------|-----------|------------------|------|
| Seq Number: | 3137712 | | | Matrix: | Soil | | | | Date Pr | ep: 09.2 | 21.2020 | |
| Parent Sample Id: | 673097-001 | | MS Sar | nple Id: | 673097-00 | 01 S | | MS | D Sampl | e Id: 673 | 097-001 SD | |
| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Benzene | < 0.00201 | 0.101 | 0.121 | 120 | 0.122 | 121 | 70-130 | 1 | 35 | mg/kg | 09.21.2020 12:23 | |
| Toluene | < 0.00201 | 0.101 | 0.111 | 110 | 0.127 | 126 | 70-130 | 13 | 35 | mg/kg | 09.21.2020 12:23 | |
| Ethylbenzene | < 0.00201 | 0.101 | 0.0935 | 93 | 0.118 | 117 | 71-129 | 23 | 35 | mg/kg | 09.21.2020 12:23 | |
| m,p-Xylenes | < 0.00402 | 0.201 | 0.187 | 93 | 0.238 | 118 | 70-135 | 24 | 35 | mg/kg | 09.21.2020 12:23 | |
| o-Xylene | < 0.00201 | 0.101 | 0.0916 | 91 | 0.116 | 115 | 71-133 | 24 | 35 | mg/kg | 09.21.2020 12:23 | |
| Surrogate | | | N %] | 1S Rec | MS Flag | MSE %Re |) MSE _C Flag |) Li g | imits | Units | Analysis Date | |
| 1 4-Difluorobenzene | | | 1 | 00 | | 98 | | 70 | -130 | 0/0 | 09.21.2020 12:23 | |

98

85

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

1,4-Difluorobenzene

4-Bromofluorobenzene

[D] = 100*(C-A) / B LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike AddedD = MSD/LCSD % Rec

.

09.21.2020 12:23

Released to Imaging: 4/12/2021 10:04:20 AM

Page 20 of 22

100

92

70-130

70-130

%

%

| | ENCO | Hobbs, NN | Houston, TX (281) 240 Midland, TX (432-704 1 (575-392-7550) Phoen | 4200 Dallas,TX (214) 902- -5440) EL Paso,TX (915)5 ix,AZ (480-355-0900) Atlar | -0300 San Antonio,TX (210) 509-3334 85-3443 Lubbock,TX (806)794-1296 1ta,GA (770-449-8800) Tampa FI (613- | | Pro 1 or |
|--|--|---|--|---|--|--|--------------------------|
| Project Manager: D. | an Moir | | Bill to: (if differ | ent) Kyle Littrell | (013- | -520-2000) WWW.Xenco.com | Page 1 of |
| Company Name: LT | T Environmental, Inc | ., Permian office | Company Na | Ime: XTO Energy | | Work Urder Col | mments |
| Address: 33 | 300 North A Street | | Address: | (River 211 | | State of Baniant | Ids IRC Derfu |
| City, State ZIP: Mi | idland, Tx 79705 | | City. State ZI | Ģ | | | í]] |
| Phone: (4: | 32) 236-3849 | | Email: wmather@lte | nv.com, dmoir@ltenv.co | om | Deliverables: EDD ADaPT | |
| Project Name: | Remuda South | 1 25 #126H | Turn Around | | ANALYSIS REOLE | | Work Order N |
| Project Number: | 0129192 | 260 | Routine P | | | | MOIN CIUEL IN |
| P.O. Number: | Eddy | | Rush: | | | | |
| Sampler's Name: | William M | ather | Due Date: | | | | |
| SAMPLE RECEIPT | T Temp Blank | No AD | Vet Ice- Vac No | | | | |
| Temperature (°C): | ht/"t | Thorn | interiority into | ers | | | |
| Received Intact: | Free No | T-NM | | aine 1) .0) | | | |
| Cooler Custody Seals: | Yes No NIA | Correction | Factor: -0.2 | 5) 802 | | | |
| Sample Custody Seals: | Yes No NIA | Total Cont | ainers: 6 | of (A 801 PA 0= (EPA | | 1 | AT starts the day recevi |
| Sample Identific | ation Matrix | Date Ti Sampled San | me Depth | Number TPH (EP) BTEX (EI Chloride | | | Sample Comme |
| PH01 | S | 9/21/2020 13 | :20 3' | 1 x x x | | | 2 |
| PH02 | s | 9/21/2020 13 | :29 3' | 1 x x x | | | Discrete |
| PH03 | s | 9/21/2020 10 | :59 3' | 1 x x x | | | Discrete |
| PH04 | s | 9/21/2020 12 | :10 3' | 1 x x x | | | Discrete |
| PH05 | s | 9/21/2020 12 | 29 3' | 1 x x x | | | Discrete |
| FS01 | s | 9/21/2020 14 | 46 1' | 1 x x x | | | Discrete |
| 1 | | | | | | | |
| | 10 | 12/ | | 1 | / | | |
| | | | 0 | | | | |
| Total 200.7 / 6010 Circle Method(s) an | 200.8 / 6020: nd Metal(s) to be ana | 8RCRA lyzed TCLP | 13PPM Texas 1 / SPLP 6010: 8RC | I AI Sb As Ba Be RA Sb As Ba Be C | B Cd Ca Cr Co Cu Fe Pb N Cd Cr Co Cu Pb Mn Mo Ni (| Mg Mn Mo Ni K Se Ag SiO2 Na Si Se Ag Ti U 1631 / 1631 / 1 | r TI Sn U V Zn |
| tice: Signature of this docum service. Xenco will be liable c Xenco. A minimum charge of | ent and relinquishment of only for the cost of sample f \$75.00 will be applied to e | samples constitutes a s and shall not assume ach project and a char | valid purchase order from a any responsibility for any ge of \$5 for each sample s | client company to Xenco, its / losses or expenses incurrec ubmitted to Xenco, but not a | affiliates and subcontractors. It assigns s d by the client if such losses are due to cin nalyzed. These terms will be enforced unle | standard terms and conditions cumstances beyond the control | |
| Relinquished by: (Sig | (pafure) | Received by: (Si | gnature) | Date/Time | Relinguished by: (Signature | Received by: (Signature) | |
| Will my | N Ci | ce (1) to | A I | 1-21-20 16:31 | 2 | (amilian) - (amilian) | |
| | | - 1 | | | 4 | | |

Final 1.001

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

| Client: LT Environmental, Inc. | Acceptable Temperature Range: 0 - 6 degC | | | | | |
|---|--|---------|--------------------------------------|--|--|--|
| Date/ Time Received: 09.21.2020 04.31.00 PM | Air and Metal sample | es Aco | ceptable Range: Ambient | | | |
| Work Order #: 673152 | Temperature Measur | ring de | evice used: T_NM_007 | | | |
| Sample Rece | eipt Checklist | | Comments | | | |
| #1 *Temperature of cooler(s)? | 7. | 4 | | | | |
| #2 *Shipping container in good condition? | Ye | s | | | | |
| #3 *Samples received on ice? | Ye | s | | | | |
| #4 *Custody Seals intact on shipping container/ cooler? | Ye | s | | | | |
| #5 Custody Seals intact on sample bottles? | Ye | es | | | | |
| #6*Custody Seals Signed and dated? | Ye | s | | | | |
| #7 *Chain of Custody present? | Ye | s | | | | |
| #8 Any missing/extra samples? | N | 0 | | | | |
| #9 Chain of Custody signed when relinquished/ received? | Ye | s | | | | |
| #10 Chain of Custody agrees with sample labels/matrix? | Ye | s | | | | |
| #11 Container label(s) legible and intact? | Ye | s | | | | |
| #12 Samples in proper container/ bottle? | Ye | es | Samples received in bulk containers. | | | |
| #13 Samples properly preserved? | Ye | es | | | | |
| #14 Sample container(s) intact? | Ye | es | | | | |
| #15 Sufficient sample amount for indicated test(s)? | Ye | es | | | | |
| #16 All samples received within hold time? | Ye | es | | | | |
| #17 Subcontract of sample(s)? | N | 0 | | | | |
| #18 Water VOC samples have zero headspace? | N/ | Ά | | | | |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 09.21.2020

Checklist reviewed by: Jessica Kramer

Date: 09.23.2020

eurofins Environment Testing Xenco

Project Id:012919260Contact:Dan Moir

Project Location: Eddy County

Certificate of Analysis Summary 673230

LT Environmental, Inc., Arvada, CO

Project Name: Remuda South 25 #126H

 Date Received in Lab:
 Tue 09.22.2020 13:25

 Report Date:
 09.23.2020 14:07

Project Manager: Jessica Kramer

| Lab Id: | 673230-0 | 01 | 673230-0 | 002 | 673230-0 | 003 | 673230-0 | 004 | |
|------------|---|---|---|--|---|---|---|---|--|
| Field Id: | SS07 | | SS08 | | SS09 | | SS010 | | |
| Depth: | 0.5- ft | | 0.5- ft | | 0.5- ft | | 0.5- ft | t | |
| Matrix: | SOIL | | SOIL | | SOIL | , | SOIL | , | |
| Sampled: | 09.21.2020 | 12:01 | 09.22.2020 | 10:22 | 09.22.2020 | 11:22 | 09.21.2020 | 14:05 | |
| Extracted: | 09.22.2020 | 14:30 | 09.22.2020 | 14:30 | 09.22.2020 | 14:30 | 09.22.2020 | 14:30 | |
| Analyzed: | 09.22.2020 | 18:19 | 09.22.2020 | 18:42 | 09.22.2020 | 19:04 | 09.22.2020 | 19:27 | |
| Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | |
| | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | |
| | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | |
| | < 0.00400 | 0.00400 | < 0.00399 | 0.00399 | < 0.00401 | 0.00401 | < 0.00401 | 0.00401 | |
| | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | |
| | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | |
| | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | < 0.00200 | 0.00200 | |
| Extracted: | 09.22.2020 | 16:30 | 09.22.2020 | 16:30 | 09.22.2020 | 16:30 | 09.22.2020 | 16:30 | |
| Analyzed: | ** ** ** | ** | 09.22.2020 | 16:43 | 09.22.2020 | 16:51 | 09.22.2020 | 16:58 | |
| Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| | 96.2 | 49.9 | 205 | 10.0 | 494 | 50.5 | 480 | 49.5 | |
| Extracted: | 09.22.2020 | 14:10 | 09.22.2020 | 14:10 | 09.22.2020 | 14:10 | 09.22.2020 | 14:10 | |
| Analyzed: | 09.22.2020 | 14:53 | 09.22.2020 | 15:13 | 09.22.2020 | 15:33 | 09.22.2020 | 15:53 | |
| Units/RL: | mg/kg | RL | mg/kg | RL | mg/kg | RL | mg/kg | RL | |
| | <49.8 | 49.8 | <50.1 | 50.1 | <49.9 | 49.9 | <49.8 | 49.8 | |
| | <49.8 | 49.8 | <50.1 | 50.1 | 57.1 | 49.9 | <49.8 | 49.8 | |
| | <49.8 | 49.8 | <50.1 | 50.1 | <49.9 | 49.9 | <49.8 | 49.8 | |
| | <49.8 | 49.8 | <50.1 | 50.1 | 57.1 | 49.9 | <49.8 | 49.8 | |
| | <49.8 | 49.8 | <50.1 | 50.1 | 57.1 | 49.9 | <49.8 | 49.8 | |
| | Lab Id: Field Id: Depth: Matrix: Sampled: Extracted: Analyzed: Units/RL: Extracted: Analyzed: Units/RL: Extracted: Analyzed: Units/RL: | Lab Id: 673230-0 Field Id: SS07 Depth: 0.5- ft Matrix: SOIL Sampled: 09.21.2020 Extracted: 09.22.2020 Manalyzed: 09.22.2020 Units/RL: mg/kg <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 Extracted: 09.22.2020 Manlyzed: ws**** Units/RL: mg/kg <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 | Lab Id: 673230-001 Field Id: SS07 Depth: 0.5- ft Matrix: SOIL Sampled: 09.21.2020 12:01 Extracted: 09.22.2020 14:30 Analyzed: 09.22.2020 18:19 Units/RL: mg/kg RL <0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 Extracted: 09.22.2020 16:30 Manlyzed: mg/kg RL Units/RL: mg/kg RL Manlyzed: 09.22.2020 14:53 Units/RL: mg/kg RL < <49.8 | Lab Id: 673230-001 673230-0 Field Id: SS07 SS08 Depth: 0.5- ft 0.5- ft Matrix: SOIL SOIL Sampled: 09.21.2020 12:01 09.22.2020 Extracted: 09.22.2020 14:30 09.22.2020 Matrix: SOIL 09.22.2020 Malyzed: 09.22.2020 18:19 09.22.2020 Units/RL: mg/kg RL mg/kg <d.000200< td=""> 0.00200 <d.00200< td=""> <d.000200< td=""> 0.00200 <d.00200< td=""> <d.00200< td=""> <d.00200< td=""> 0.00200<!--</th--><th>Lab Id: 673230-001 673230-002 Field Id: SS07 SS08 Depth: 0.5- ft 0.5- ft Matrix: SOIL SOIL Sampled: 09.21.2020 12:01 09.22.2020 10:22 Extracted: 09.22.2020 14:30 09.22.2020 18:19 Matrix: mg/kg RL mg/kg Units/RL: mg/kg RL mg/kg RL <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 E</th><th>Lab Id: 673230-001 673230-002 673230-0 Field Id: SS07 SS08 SS09 Depth: 0.5- ft 0.5- ft 0.5- ft 0.5- ft Matrix: SOIL SOIL SOIL SOIL Sampled: 09.21.2020 12:01 09.22.2020 10:22 09.22.2020 Extracted: 09.22.2020 14:30 09.22.2020 14:30 09.22.2020 18:42 09.22.2020 Matrix: mg/kg RL mg/kg RL mg/kg Quits/RL: 09.22.2020 0.00200 <0.00200</th> <0.00200</d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.00200<></d.000200<></d.00200<></d.00200<></d.000200<></d.00200<></d.00200<></d.000200<></d.00200<></d.00200<></d.000200<></d.00200<></d.00200<></d.000200<></d.00200<></d.00200<></d.000200<></d.00200<></d.000200<> | Lab Id: 673230-001 673230-002 Field Id: SS07 SS08 Depth: 0.5- ft 0.5- ft Matrix: SOIL SOIL Sampled: 09.21.2020 12:01 09.22.2020 10:22 Extracted: 09.22.2020 14:30 09.22.2020 18:19 Matrix: mg/kg RL mg/kg Units/RL: mg/kg RL mg/kg RL <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 0.00200 E | Lab Id: 673230-001 673230-002 673230-0 Field Id: SS07 SS08 SS09 Depth: 0.5- ft 0.5- ft 0.5- ft 0.5- ft Matrix: SOIL SOIL SOIL SOIL Sampled: 09.21.2020 12:01 09.22.2020 10:22 09.22.2020 Extracted: 09.22.2020 14:30 09.22.2020 14:30 09.22.2020 18:42 09.22.2020 Matrix: mg/kg RL mg/kg RL mg/kg Quits/RL: 09.22.2020 0.00200 <0.00200 | Lab Id: 673230-001 673230-002 673230-003 Field Id: SS07 SS08 SS09 Depth: 0.5- ft 0.5- ft 0.5- ft 0.5- ft Matrix: SOIL SOIL SOIL SOIL Sampled: 09.21.2020 12:01 09.22.2020 14:30 09.22.2020 14:30 09.22.2020 14:30 Analyzed: 09.22.2020 18:19 09.22.2020 18:42 09.22.2020 19:04 09.22.2020 19:04 Units/RL: mg/kg RL mg/kg RL mg/kg RL <0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 <0.00200 <0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 | Lab Id: 673230-001 673230-002 673230-003 673230-03 Field Id: SS07 SS08 SS09 SS010 Depth: 0.5- ft 0.5- ft< | Lab Id: 673230-001 673230-002 673230-003 673230-004 Field Id: SS07 SS08 SS09 SS010 Depth: 0.5- ft 0.5- ft 0.5- ft 0.5- ft 0.5- ft Matrix: SOIL SOIL SOIL SOIL Sampled: 0922.020 12:01 09.22.2020 14:30 09.22.2020 14:30 09.22.2020 14:30 09.22.2020 14:30 Extracted: 09.22.2020 18:19 09.22.2020 18:42 09.22.2020 10:20 00.0000 0.00200 0.00200 0.00200 Units/RL: mg/kg RL mg/kg RL mg/kg RL mg/kg RL 0.00200 0.00200 0.00200 - <0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 <0.00200 0.00200 - <0.00200 0.00200 <0.00200 0.00200 <0.00200 <0.00200 <0.00200 0.00200 Extracted: 09.22.2020 16:30 09.22.2020 16:30 09.22.2020 16:51 09.22.2020 16:51 09.22.2020 16:53 Makyzed: mg/kg RL mg/kg |

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jession Vramer

Page 1 of 18

eurofins Environment Testing Xenco

Analytical Report 673230

Page 121 of 138

for

LT Environmental, Inc.

Project Manager: Dan Moir

Remuda South 25 #126H

012919260

09.23.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

eurofins Environment Testing Xenco

09.23.2020

Project Manager: **Dan Moir LT Environmental, Inc.** 4600 W. 60th Avenue Arvada, CO 80003

Reference: Eurofins Xenco, LLC Report No(s): **673230 Remuda South 25 #126H** Project Address: Eddy County

Dan Moir:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 673230. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 673230 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins Environment Testing Xenco

Sample Cross Reference 673230

Remuda South 25 #126H

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|-----------|--------|------------------|--------------|---------------|
| SS07 | S | 09.21.2020 12:01 | 0.5 ft | 673230-001 |
| SS08 | S | 09.22.2020 10:22 | 0.5 ft | 673230-002 |
| SS09 | S | 09.22.2020 11:22 | 0.5 ft | 673230-003 |
| SS010 | S | 09.21.2020 14:05 | 0.5 ft | 673230-004 |

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Remuda South 25 #126H

 Project ID:
 012919260

 Work Order Number(s):
 673230

 Report Date:
 09.23.2020

 Date Received:
 09.22.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Environment Testir Xenco

Certificate of Analytical Results 673230

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id:SS07Lab Sample Id:673230-001 | | | Matrix: Soil Date Collected: 09.21.2020 12:01 | | | Date Received:09.22.2020 13:25 Sample Depth: 0.5 ft | | | |
|---|--|------------|--|------------------|-------|--|---------------------|-----|--|
| Analytical Me Tech: Analyst: Seq Number: | thod: Chloride by EPA MAB MAB 3137842 | 300 | Date Prep: | 09.22.2020 16:30 | | Prep Method: % Moisture: Basis: | E300P Wet Weight | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ate Flag | Dil | |
| Chloride | | 16887-00-6 | 96.2 | 49.9 | mg/kg | 09.22.2020 10 | 5:21 | 5 | |
| Analytical Me | thod: TPH by SW8015 | Mod | | | | Prep Method: | SW8015P | | |
| Tech: | DTH | | | | | % Moisture: | | | |
| Analyst: | DTH | | Date Prep: | 09.22.2020 14:10 | | Basis: | Wet Weight | | |
| | (212')'(2') | | | | | | | | |

| Parameter | Cas Number | r Result | RL | | Units | Analysis Date | Flag | Dil |
|------------------------------------|------------|------------|------------|-------|--------|------------------|------|-----|
| Gasoline Range Hydrocarbons (GRO) | PHC610 | <49.8 | 49.8 | | mg/kg | 09.22.2020 14:53 | U | 1 |
| Diesel Range Organics (DRO) | C10C28DRO | <49.8 | 49.8 | | mg/kg | 09.22.2020 14:53 | U | 1 |
| Motor Oil Range Hydrocarbons (MRO) | PHCG2835 | <49.8 | 49.8 | | mg/kg | 09.22.2020 14:53 | U | 1 |
| Total GRO-DRO | PHC628 | <49.8 | 49.8 | | mg/kg | 09.22.2020 14:53 | U | 1 |
| Total TPH | PHC635 | <49.8 | 49.8 | | mg/kg | 09.22.2020 14:53 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | | 111-85-3 | 103 | % | 70-135 | 09.22.2020 14:53 | | |
| o-Terphenyl | | 84-15-1 | 100 | % | 70-135 | 09.22.2020 14:53 | | |

Certificate of Analytical Results 673230

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | Sample Id: SS07 | | Soil | Date Received:09.22.2020 | | |
|---|---|------------|---------------------|---------------------------------------|-----------------------|--|
| Lab Sample Id | Lab Sample Id: 673230-001 | | l: 09.21.2020 12:01 | Sample Depth: 0.5 ft | | |
| Analytical Me Tech: Analyst: Seq Number: | othod: BTEX by EPA 8021B MAB MAB 3137826 | Date Prep: | 09.22.2020 14:30 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight | |

| Parameter | Cas Numbe | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:19 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:19 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:19 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00400 | 0.00400 | | mg/kg | 09.22.2020 18:19 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:19 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:19 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:19 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 102 | % | 70-130 | 09.22.2020 18:19 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 92 | % | 70-130 | 09.22.2020 18:19 | | |

Environment Testin Xenco

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | SS08 | | Matrix: | Soil | | Date Received | :09.22 | .2020 13: | .25 |
|---------------|------------------------|------------|-----------|--------------------------|-------|---------------|---------|-----------|-----|
| Lab Sample Io | l: 673230-002 | | Date Col | lected: 09.22.2020 10:22 | | Sample Depth | :0.5 ft | | |
| Analytical Me | ethod: Chloride by EPA | 300 | | | | Prep Method: | E300I | 2 | |
| Tech: | MAB | | | | | % Moisture: | | | |
| Analyst: | MAB | | Date Prep | b: 09.22.2020 16:30 | | Basis: | Wet V | Veight | |
| Seq Number: | 3137842 | | | | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | ite | Flag | Dil |
| Chloride | | 16887-00-6 | 205 | 10.0 | mg/kg | 09.22.2020 16 | 5:43 | | 1 |
| | | | | | | | | | |
| | | | | | | | | | |

| d: TPH by SW802 | 15 Mod | | | | | Prep Method: SW | /8015P | |
|-----------------|---|---|---|--|--|--|---|--|
| TH | | | | | | % Moisture: | | |
| ГН | | Date P | rep: 0 | 9.22.2020 14:10 |) | Basis: We | et Weight | |
| 37782 | | | | | | | | |
| | Cas Number | r Result | RL | | Units | Analysis Date | Flag | Dil |
| rocarbons (GRO) | PHC610 | <50.1 | 50.1 | | mg/kg | 09.22.2020 15:13 | U | 1 |
| cs (DRO) | C10C28DRO | <50.1 | 50.1 | | mg/kg | 09.22.2020 15:13 | U | 1 |
| ocarbons (MRO) | PHCG2835 | <50.1 | 50.1 | | mg/kg | 09.22.2020 15:13 | U | 1 |
| | PHC628 | <50.1 | 50.1 | | mg/kg | 09.22.2020 15:13 | U | 1 |
| | PHC635 | <50.1 | 50.1 | | mg/kg | 09.22.2020 15:13 | U | 1 |
| | | Cas Number | % Recove | ery Units | Limits | Analysis Date | Flag | |
| e | | 111-85-3 | 104 | % | 70-135 | 09.22.2020 15:1 | 3 | |
| | | 84-15-1 | 98 | % | 70-135 | 09.22.2020 15:1 | 3 | |
| | d: TPH by SW80 TH TH 37782 Tocarbons (GRO) cs (DRO) carbons (MRO) | d: TPH by SW8015 Mod TH TH 37782 Tocarbons (GRO) PHC610 cs (DRO) C10C28DRO carbons (MRO) PHCG2835 PHC628 PHC628 PHC635 | d: TPH by SW8015 Mod TH Date P 37782 Cas Number Result rocarbons (GRO) PHC610 <50.1 cs (DRO) C10C28DRO <50.1 carbons (MRO) PHC62835 <50.1 PHC628 <50.1 PHC635 <50.1 PHC635 <50.1 PHC635 <50.1 PHC635 <50.1 | d: TPH by SW8015 Mod TH Date Prep: 0 37782 Cas Number Result RL rocarbons (GRO) PHC610 <50.1 50.1 cs (DRO) C10C28DRO <50.1 50.1 carbons (MRO) PHC62835 <50.1 50.1 PHC628 <50.1 50.1 PHC635 <50.1 50 | d: TPH by SW8015 Mod TH Date Prep: 09.22.2020 14:10 37782 Cas Number Result RL rocarbons (GRO) PHC610 <50.1 | d: TPH by SW8015 Mod TH TH Date Prep: 09.22.2020 14:10 37782 Cas Number Result RL Units rocarbons (GRO) PHC610 <50.1 | d: TPH by SW8015 Mod Prep Method: SW TH Date Prep: 09.22.2020 14:10 Basis: We 37782 Cas Number Result RL Units Analysis Date rocarbons (GRO) PHC610 <50.1 | d: TPH by SW8015 Mod Prep Method: SW8015 P FH % Moisture: % Moisture: Basis: Wet Weight 37782 Cas Number Result RL Units Analysis Date Flag rocarbons (GRO) PHC610 <50.1 |

Certificate of Analytical Results 673230

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | SS08 | Matrix: | Soil | Date Received | 1:09.22.2020 13:25 |
|------------------------------------|--|----------------|--------------------|---------------------------------------|-----------------------|
| Lab Sample Io | d: 673230-002 | Date Collected | 1:09.22.2020 10:22 | Sample Depth: 0.5 ft | |
| Analytical Me Tech: Analyst: | othod: BTEX by EPA 8021B MAB MAB | Date Prep: | 09.22.2020 14:30 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight |
| Seq Number: | 3137826 | Duie Hep. | | | 8 |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:42 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:42 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:42 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00399 | 0.00399 | | mg/kg | 09.22.2020 18:42 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:42 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:42 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 18:42 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 94 | % | 70-130 | 09.22.2020 18:42 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 102 | % | 70-130 | 09.22.2020 18:42 | | |

Environment Testin Xenco

Certificate of Analytical Results 673230

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: Lab Sample Id | SS09 d: 673230-003 | | Matrix: Date Collec | Soil cted: 09.22.2020 11:22 | | Date Received:09.22.2020 13:25 Sample Depth: 0.5 ft | | |
|-----------------------------|------------------------------|------------|------------------------|--------------------------------|-------|--|-----------|-----|
| Analytical Me | thod: Chloride by EP. | A 300 | | | | Prep Method: E3 | 300P | |
| Tech: | MAB | | | | | % Moisture: | | |
| Analyst: | MAB | | Date Prep: | 09.22.2020 16:30 | | Basis: W | et Weight | |
| Seq Number: | 3137842 | | - | | | | | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
| Chloride | | 16887-00-6 | 494 | 50.5 | mg/kg | 09.22.2020 16:51 | | 5 |
| Analytical Me | whod: TPH by SW801 | 5 Mod | | | | Pren Method: SV | W8015P | |
| Tech. | DTH | 5 1000 | | | | % Moisture: | 00151 | |
| Δnalvst | DTH | | Data Prop. | 09 22 2020 14.10 | | Basis: W | et Weight | |
| Seq Number: | 3137782 | | Date Hep. | 09.22.2020 14.10 | | Dusis. W | et weight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
| Gasoline Range | Hydrocarbons (GRO) | PHC610 | <49.9 | 49.9 | mg/kg | 09.22.2020 15:33 | U | 1 |
| Diesel Range Or | rganics (DRO) | C10C28DRO | 57.1 | 49.9 | mg/kg | 09.22.2020 15:33 | ; | 1 |
| Motor Oil Range H | ydrocarbons (MRO) | PHCG2835 | <49.9 | 49.9 | mg/kg | 09.22.2020 15:33 | U | 1 |

| Total GRO-DRO | PHC628 | 57.1 | 49.9 | | mg/kg | 09.22.2020 15:33 | | 1 |
|----------------|--------|------------|-----------|---------------|--------|------------------|------|---|
| Total TPH | PHC635 | 57.1 | 49.9 | | mg/kg | 09.22.2020 15:33 | | 1 |
| Surrogate | Cas | Number % R | ecovery U | J nits | Limits | Analysis Date | Flag | |
| 1-Chlorooctane | 111- | 85-3 | 99 | % | 70-135 | 09.22.2020 15:33 | | |
| o-Terphenyl | 84-1 | 5-1 | 95 | % | 70-135 | 09.22.2020 15:33 | | |

Certificate of Analytical Results 673230

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: SS09 | Matrix: | Soil | Date Received | d:09.22.2020 13:25 |
|--|----------------|---------------------|---------------------------------------|-----------------------|
| Lab Sample Id: 673230-003 | Date Collected | d: 09.22.2020 11:22 | Sample Depth | n: 0.5 ft |
| Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3137826 | Date Prep: | 09.22.2020 14:30 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight |

| Parameter | Cas Numbe | er Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:04 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:04 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:04 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 09.22.2020 19:04 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:04 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:04 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:04 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | | 460-00-4 | 88 | % | 70-130 | 09.22.2020 19:04 | | |
| 1,4-Difluorobenzene | | 540-36-3 | 103 | % | 70-130 | 09.22.2020 19:04 | | |

Environment Testir Xenco

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: SS01 Lab Sample Id: 6732 | 10 230-004 | | Matrix: Date Collec | Soil cted: 09.21.2020 14:05 | | Date Received:09.22.2020 13:25 Sample Depth: 0.5 ft | | |
|---|-------------------------------------|------------|------------------------|--------------------------------|-------|--|-----------------------|-----|
| Analytical Method: Tech: MAB Analyst: MAB Seq Number: 3137 | Chloride by EPA 30 3 8 842 | 00 | Date Prep: | 09.22.2020 16:30 | | Prep Method: % Moisture: Basis: | E300P Wet Weight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | te Flag | Dil |
| Chloride | 1 | 16887-00-6 | 480 | 49.5 | mg/kg | 09.22.2020 16 | :58 | 5 |
| Analytical Method: Tech: DTH Analyst: DTH Seq Number: 3137 | TPH by SW8015 M 782 | Íod | Date Prep: | 09.22.2020 14:10 | | Prep Method: % Moisture: Basis: | SW8015P Wet Weight | |
| Parameter | | Cas Number | Result | RL | Units | Analysis Da | te Flag | Dil |
| Gasoline Range Hydroca | arbons (GRO) | PHC610 | <49.8 | 49.8 | mg/kg | 09.22.2020 15 | :53 U | 1 |
| Diesel Range Organics (| (DRO) | C10C28DRO | <49.8 | 49.8 | mg/kg | 09.22.2020 15 | :53 U | 1 |
| Motor Oil Range Hydrocarb | oons (MRO) | PHCG2835 | <49.8 | 49.8 | mg/kg | 09.22.2020 15 | :53 U | 1 |
| Total GRO-DRO | 1 | PHC628 | <49.8 | 49.8 | mg/kg | 09.22.2020 15 | :53 U | 1 |
| Total TPH | 1 | PHC635 | <49.8 | 49.8 | mg/kg | 09.22.2020 15 | :53 U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|------------------|------|
| 1-Chlorooctane | 111-85-3 | 98 | % | 70-135 | 09.22.2020 15:53 | |
| o-Terphenyl | 84-15-1 | 94 | % | 70-135 | 09.22.2020 15:53 | |

Certificate of Analytical Results 673230

LT Environmental, Inc., Arvada, CO

Remuda South 25 #126H

| Sample Id: | SS010 | Matrix: | Soil | Date Received | 1:09.22.2020 13:25 |
|---|---|----------------|--------------------|---------------------------------------|-----------------------|
| Lab Sample I | d: 673230-004 | Date Collected | 1:09.21.2020 14:05 | 5 Sample Depth: 0.5 ft | |
| Analytical Me Tech: Analyst: Seq Number: | ethod: BTEX by EPA 8021B MAB MAB 3137826 | Date Prep: | 09.22.2020 14:30 | Prep Method: % Moisture: Basis: | SW5035A Wet Weight |

| Parameter | Cas Numbe | r Result | RL | | Units | Analysis Date | Flag | Dil |
|----------------------|-------------|------------|------------|-------|--------|------------------|------|-----|
| Benzene | 71-43-2 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:27 | U | 1 |
| Toluene | 108-88-3 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:27 | U | 1 |
| Ethylbenzene | 100-41-4 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:27 | U | 1 |
| m,p-Xylenes | 179601-23-1 | < 0.00401 | 0.00401 | | mg/kg | 09.22.2020 19:27 | U | 1 |
| o-Xylene | 95-47-6 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:27 | U | 1 |
| Total Xylenes | 1330-20-7 | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:27 | U | 1 |
| Total BTEX | | < 0.00200 | 0.00200 | | mg/kg | 09.22.2020 19:27 | U | 1 |
| Surrogate | | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | | 540-36-3 | 102 | % | 70-130 | 09.22.2020 19:27 | | |
| 4-Bromofluorobenzene | | 460-00-4 | 89 | % | 70-130 | 09.22.2020 19:27 | | |

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

| BRL | Below Reporting Limit. | ND Not Detected. | | | |
|-------|--------------------------------|--------------------|------------------|-----------------------------|---------------------------------|
| RL | Reporting Limit | | | | |
| MDL | Method Detection Limit | SDL Sample Det | ection Limit | LOD Limit of Detection | |
| PQL | Practical Quantitation Limit | MQL Method Qua | antitation Limit | LOQ Limit of Quantitation | n |
| DL | Method Detection Limit | | | | |
| NC | Non-Calculable | | | | |
| SMP | Client Sample | | BLK | Method Blank | |
| BKS/I | LCS Blank Spike/Laboratory | Control Sample | BKSD/LCSD | Blank Spike Duplicate/Labor | catory Control Sample Duplicate |
| MD/S | D Method Duplicate/Samp | le Duplicate | MS | Matrix Spike | MSD: Matrix Spike Duplicate |
| + NE | LAC certification not offered | for this compound. | | | |

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Xenco

Environment Testing

🔅 eurofins

QC Summary 673230

LT Environmental, Inc.

Remuda South 25 #126H

| Analytical Method: Seq Number: MB Sample Id: | Chloride by 3137842 7711862-1-1 | y EPA 3 (BLK | 00 | LCS Sar | Matrix: nple Id: | Solid 7711862-3 | I-BKS | | Prep Method: E300P Date Prep: 09.22.2020 LCSD Sample Id: 7711862-1-BSD | | | | | | |
|--|---|-------------------------|-----------------|---------------|---------------------|--------------------|--------------|------------------|--|--------------------|----------------------|--------------------------------------|------|--|--|
| Parameter | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | | |
| Chloride | | <10.0 | 250 | 252 | 101 | 252 | 101 | 90-110 | 0 | 20 | mg/kg | 09.22.2020 16:10 | | | |
| Analytical Method: | Chloride by 3137842 | y EPA 30 | 00 | | Matrix | Soil | | | Pı | ep Meth | od: E30 | 00P 22 2020 | | | |
| Parent Sample Id: | rent Sample Id: 673230-001 | | | | | 673230-00 | 01 S | | MS | D Sample | e Id: 673 | 230-001 SD | | | |
| Parameter | 010200 001 | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | | |
| Chloride | | 96.2 | 200 | 295 | 99 | 290 | 98 | 90-110 | 2 | 20 | mg/kg | 09.22.2020 16:27 | | | |
| Analytical Method: Seq Number: | Chloride by 3137842 | y EPA 3(| 00 | | Matrix: | Soil | | | Pi | ep Meth Date Pr | od: E30 rep: 09.2 | 00P 22.2020 | | | |
| Parent Sample Id: | 673274-003 | | | MS Sar | nple Id: | 6/32/4-00 | J3 S | | MS | D Sampl | e Id: $6/3$ | 274-003 SD | | | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | | |
| Chloride | | 861 | 198 | 1050 | 95 | 1040 | 90 | 90-110 | 1 | 20 | mg/kg | 09.22.2020 18:06 | | | |
| Analytical Method: Seq Number: | TPH by SW 3137782 | V8015 M | od | | Matrix: | Solid | | | Pı | ep Meth Date Pr | od: SW ep: 09.2 | 8015P 22.2020 | | | |
| MB Sample Id: | 7711834-1-] | BLK | | LCS Sar | nple Id: | 7711834- | I-BKS | | LCS | D Sample | e Id: 771 | 1834-1-BSD | | | |
| Parameter | | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | | |
| Gasoline Range Hydrocarbo Diesel Range Organics (| ons (GRO) (DRO) | <50.0 <50.0 | 1000 1000 | 913 918 | 91 92 | 912 926 | 91 93 | 70-135 70-135 | 0 1 | 35 35 | mg/kg mg/kg | 09.22.2020 10:15 09.22.2020 10:15 | | | |
| Surrogate | () | MB %Rec | MB Flag | L % | CS Rec | LCS Flag | LCSI %Re |) LCS c Flag | D Li | mits | Units | Analysis Date | | | |
| 1-Chlorooctane o-Terphenyl | | 96 91 | | 1 | 01 36 | | 104 90 | | 70 70 | -135 -135 | % % | 09.22.2020 10:15 09.22.2020 10:15 | | | |
| Analytical Method: Seq Number: | TPH by SW 3137782 | V8015 M | od | MB San | Matrix: nple Id: | Solid 7711834-1 | I-BLK | | Pı | ep Meth Date Pr | od: SW rep: 09.2 | 8015P 22.2020 | | | |
| Parameter | | | | MB | | | | | | | Units | Analysis | Flag | | |
| Motor Oil Range Hydrocarl | oons (MRO) | | | Kesult | | | | | | | mø/kø | Date 09.22.2020 09:54 | - | | |
| | | | | 2010 | | | | | | | 88 | | | | |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference $\begin{array}{l} [D] = 100*(C-A) \ / \ B \\ RPD = 200* \ | \ (C-E) \ / \ (C+E) \ | \\ [D] = 100*(C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 15 of 18

```
Final 1.000
```

Xenco

🔅 eurofins

QC Summary 673230

Prep Method: SW8015P

LT Environmental, Inc.

Remuda South 25 #126H

Environment Testing

| Seq Number: | 3137782 | | | 1 | Matrix: | Soil | | | | Date Pro | ep: 09.2 | 2.2020 | |
|---------------------------|------------|------------------|-----------------|--------------|------------|---------------|-----------------|----------|-----------------------|--------------|------------------|------------------|------|
| Parent Sample Id: | 673161-001 | | | MS San | ple Id: | 673161-00 | 01 S | D Sample | ole Id: 673161-001 SD | | | | |
| Parameter | | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
| Gasoline Range Hydrocarbo | ons (GRO) | < 50.2 | 1000 | 838 | 84 | 859 | 86 | 70-135 | 2 | 35 | mg/kg | 09.22.2020 11:15 | |
| Diesel Range Organics (| DRO) | < 50.2 | 1000 | 856 | 86 | 874 | 88 | 70-135 | 2 | 35 | mg/kg | 09.22.2020 11:15 | |
| Surrogate | | | MS %Rec | | MS Flag | MSD %Re | o MSD c Flag | | imits | Units | Analysis Date | | |
| 1-Chlorooctane | | | | 10 |)8 | | 111 | | 70 |)-135 | % | 09.22.2020 11:15 | |
| o-Terphenyl | | | | 9 | 4 | | 96 | | |)-135 | % | 09.22.2020 11:15 | |

| Analytical Method: | BTEX by EPA 8021 | B | | | | | | P | rep Meth | od: SW | 5035A | | | | |
|----------------------|------------------|-----------------|---------------|-------------|----------------|--------------|------------------|-------------------------------|-----------------------|--------|------------------|------|--|--|--|
| Seq Number: | 3137826 | | | Matrix: | Solid | | | | Date Prep: 09.22.2020 | | | | | | |
| MB Sample Id: | 7711823-1-BLK | | LCS Sar | nple Id: | 7711823-2 | 1-BKS | | LCSD Sample Id: 7711823-1-BSD | | | | | | | |
| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | | | |
| Benzene | < 0.00200 | 0.100 | 0.112 | 112 | 0.103 | 103 | 70-130 | 8 | 35 | mg/kg | 09.22.2020 10:52 | | | | |
| Toluene | < 0.00200 | 0.100 | 0.108 | 108 | 0.0992 | 99 | 70-130 | 8 | 35 | mg/kg | 09.22.2020 10:52 | | | | |
| Ethylbenzene | < 0.00200 | 0.100 | 0.101 | 101 | 0.0923 | 92 | 71-129 | 9 | 35 | mg/kg | 09.22.2020 10:52 | | | | |
| m,p-Xylenes | < 0.00400 | 0.200 | 0.202 | 101 | 0.186 | 93 | 70-135 | 8 | 35 | mg/kg | 09.22.2020 10:52 | | | | |
| o-Xylene | < 0.00200 | 0.100 | 0.100 | 100 | 0.0922 | 92 | 71-133 | 8 | 35 | mg/kg | 09.22.2020 10:52 | | | | |
| Surrogate | MB %Rec | MB Flag | L % | CS Rec | LCS Flag | LCSI %Re |) LCSI c Flag | DL ; | imits | Units | Analysis Date | | | | |
| 1,4-Difluorobenzene | 99 | | ç | 99 | | 99 | | 70 | -130 | % | 09.22.2020 10:52 | | | | |
| 4-Bromofluorobenzene | 87 | | 8 | 86 | | 92 | | 70 | -130 | % | 09.22.2020 10:52 | | | | |

| Analytical Method: | BTEX by EPA 8021 | IB | | | | | | Pı | rep Meth | od: SW | 5035A | | |
|---------------------|------------------|-----------------|--------------|------------|---------------|-------------|----------------------------|-----------|-----------------------------|----------|------------------|------|--|
| Seq Number: | 3137826 | | | Matrix: | Soil | | | | Date Pr | ep: 09.2 | 22.2020 | | |
| Parent Sample Id: | 673161-001 | | MS Sar | nple Id: | 673161-00 | 01 S | | MS | SD Sample Id: 673161-001 SD | | | | |
| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag | |
| Benzene | < 0.00200 | 0.100 | 0.123 | 123 | 0.104 | 104 | 70-130 | 17 | 35 | mg/kg | 09.22.2020 11:37 | | |
| Toluene | < 0.00200 | 0.100 | 0.127 | 127 | 0.0993 | 99 | 70-130 | 24 | 35 | mg/kg | 09.22.2020 11:37 | | |
| Ethylbenzene | < 0.00200 | 0.100 | 0.117 | 117 | 0.0895 | 90 | 71-129 | 27 | 35 | mg/kg | 09.22.2020 11:37 | | |
| m,p-Xylenes | < 0.00400 | 0.200 | 0.237 | 119 | 0.181 | 90 | 70-135 | 27 | 35 | mg/kg | 09.22.2020 11:37 | | |
| o-Xylene | < 0.00200 | 0.100 | 0.116 | 116 | 0.0885 | 89 | 71-133 | 27 | 35 | mg/kg | 09.22.2020 11:37 | | |
| Surrogate | | | N % | 1S Rec | MS Flag | MSD %Re |) MSE _C Flag |) Li ; | imits | Units | Analysis Date | | |
| 1,4-Difluorobenzene | | | ç | 99 | | 99 | | 70 | -130 | % | 09.22.2020 11:37 | | |

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

4-Bromofluorobenzene

 $\label{eq:c-A} \begin{array}{l} [D] = 100^{*}(C\text{-A}) \ / \ B \\ RPD = 200^{*} \ | \ (C\text{-E}) \ / \ (C\text{+E}) \ | \\ [D] = 100^{*} \ (C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

89

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

09.22.2020 11:37

89

70-130

%

| eived b | y 00 | D: 1/18 | /2021 2 | :24:4 | 49 P | <u>M</u> | 1 | | - | - | _ | - | - | | 10 | 1- | 1-1 | - | | 1- | 1 | - | | 1 | | _ | | Page 136 |
|---------|---------------------------|--|--|-------|------|----------|---|------------------|------------|-----------|------------|-----------|----------------------|--------------------|----------------------|------------------|-------------------|----------------|-----------------|--------------|-----------------|---------------|------------------|-------------------|--------------------|-------------------|------------------------|---|
| ar ha | Relinquished by: | otice: Signature of this d I service. Xenco will be li Xenco. A minimum cha | Total 200.7 / 60 Circle Method(s | | | | | 001 | 0010 | SOSS | SSOE | SS07 | Sample Iden | Sample Custody Sea | Cooler Custody Seals | Received Intact: | Temperature (°C): | SAMPLE RECE | Sampler's Name: | P.O. Number: | Project Number: | Project Name: | Phone: | City, State ZIP: | Address: | Company Name: | Project Manager: | × |
| d | (Signature) | ocument and relinquishm lable only for the cost of s rge of \$75.00 will be appli | 10 200.8 / 6020 s) and Metal(s) to be | | | | | / | 2 | s | s | 7 S | tification Ma | Is: Yes No 1 | st Yes Alle 1 | (res No | 3.6/3.2 | IPT Temp B | Williar | | 0 129 | Remuda So | (432) 236-3849 | Midland, Tx 79705 | 3300 North A Stree | LT Environmental, | Dan Moir | ERATORIE |
| | Received | ent of samples const amples and shall no ed to each project an | : 8 9 analyzed | | | h. | | SI 1 1 1 2 0 2 0 | 00001 2010 | 9/22/2020 | 9/22/2020 | 9/21/2020 | trix Date Sampled | V/A Tota | V/A Corre | 4 | - | lank: (Yes) No | n Mather | ddy | 19260 | outh 25 #126H | | | 94 | Inc., Permian o | | нов |
| 910 | by: (Signature | itutes a valid purch t assume any respo id a charge of \$5 fo | RCRA 13PP TCLP / SPLP | | | X | | 14.00 0. | 14.05 | 11:22 0. | 10:22 0. | 12:01 0. | Time Sampled | I Containers: | ection Factor: - | NMOOT | Thermometer ID | Wet Ice: (| Due Da | Rush: | Routine | Turn | Email: w | 0 | A | ffice c | B | Houston,T Midland, bs,NM (575-392-7 |
| 9 | | ase order from clie sonsibility for any los r each sample subm | W Texas 11 / 6010: 8RCRA | | × | | | - | 1 · | 5 1 | <u>ດ</u> ັ | 5 1 | Depth Numb | A | 0-2 00 | inta | Iner | Yes No |) ite: | | R | Around | mather@ltenv.ci | ity, State ZIP: | ddress: | ompany Name: | ill to: (if different) | 'X (281) 240-4200 TX (432-704-5440) 550) Phoenix,AZ (|
| 22 20 | Date/Ti | nt company t sses or exper nitted to Xenc | Al Sb As Sb As | | | | | > | | × | ×× | × | TPH (E | PA 80 | 015) | | | | | | | | om, dmoir(| | | XTO En | Kyle Lit | Dallas,TX () EL Paso,T (480-355-09 |
| 13:35 | me | o Xenco, its ises incurrec :o, but not ar | Ba Be Ba Be C | | | + | | > | | × | × | ×× | BTEX (I | EPA (| 0=80 PA 3 | 021) |)) | - | | | | | 2ltenv.con | | | lergy | trell | 214) 902-03 X (915)585 00) Atlanta |
| × N | Relinquished by: (Signati | affiliates and subcontractors. It assigned by the client if such losses are due to nalyzed. These terms will be enforced | B Cd Ca Cr Co Cu Fe Pt Cd Cr Co Cu Pb Mn Mo N | | | | | | | | | | | | | | | | | | | ANALYSIS REQU | n | | | | | 300 San Antonio,TX (210) 509-3334 i-3443 Lubbock,TX (806)794-1296 i,GA (770-449-8800) Tampa,FL (81; |
| | ure) Rec | ns standard terms and o circumstances beyond unless previously negot | i Se Ag Ti U | | / | | | | | | | | | | _ | _ | | | | | | EST | Deliverables: ED | Reporting:Level I | State of Proj | Program: UST/P | | 3-620-2000) |
| | ceived by: (Signat | conditions the control iated. | K Se Ag SiO2 | 4 | | | | | | | | | | | | | | | | | | | D ADa | | ect: | ST CRP Crow | Work Order | www.xenco.con |
| | ure) | | Na Sr Ti Sn U 631/245.1/747 | | | | | | 2 | Dis | Discn | Dis | Sample (| lab, if receiv | TAT starts the d | | | | | | | Work O | PT Other | TUST RP | | Infields IRC | Comments | n Page / |
| | Date/Time | | V Zn 0 /7471 : Hg | | | | | | | crete | ete | crete | Comments | ved by 4:30pm | lav recevied by the | | | | | | | rder Notes | a | | | Derfund | | of 1 |

Released to Imaging: 4/12/2021 10:04:20 AM

Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

| Client: LT Environmental, Inc. | Acceptable Temperature Range: 0 - 6 degC | | | | | | | | | |
|---|---|--------------------------------------|--|--|--|--|--|--|--|--|
| Date/ Time Received: 09.22.2020 01.25.00 PM | Air and Metal samples Acceptable Range: Ambient | | | | | | | | | |
| Work Order #: 673230 | Temperature Measuring device used : T_NM_007 | | | | | | | | | |
| Sample Rece | ipt Checklist | Comments | | | | | | | | |
| #1 *Temperature of cooler(s)? | 3.4 | | | | | | | | | |
| #2 *Shipping container in good condition? | Yes | | | | | | | | | |
| #3 *Samples received on ice? | Yes | | | | | | | | | |
| #4 *Custody Seals intact on shipping container/ cooler? | Yes | | | | | | | | | |
| #5 Custody Seals intact on sample bottles? | Yes | | | | | | | | | |
| #6*Custody Seals Signed and dated? | Yes | | | | | | | | | |
| #7 *Chain of Custody present? | Yes | | | | | | | | | |
| #8 Any missing/extra samples? | No | | | | | | | | | |
| #9 Chain of Custody signed when relinquished/ received? | Yes | | | | | | | | | |
| #10 Chain of Custody agrees with sample labels/matrix? | Yes | | | | | | | | | |
| #11 Container label(s) legible and intact? | Yes | | | | | | | | | |
| #12 Samples in proper container/ bottle? | Yes | Samples received in bulk containers. | | | | | | | | |
| #13 Samples properly preserved? | Yes | | | | | | | | | |
| #14 Sample container(s) intact? | Yes | | | | | | | | | |
| #15 Sufficient sample amount for indicated test(s)? | Yes | | | | | | | | | |
| #16 All samples received within hold time? | Yes | | | | | | | | | |
| #17 Subcontract of sample(s)? | No | | | | | | | | | |
| #18 Water VOC samples have zero headspace? | N/A | | | | | | | | | |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 09.22.2020

Checklist reviewed by: Jessica Kramer

Date: 09.23.2020

CONDITIONS

Action 14935

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 <u>District IV</u> 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 OF APPROVAL

| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Building #5 Midland, TX79707 | OGRID: 5380 | Action Number: 14935 | Action Type: C-141 |
|---|----------------|-------------------------|-----------------------|
| OCD Reviewer | Condition | | |
| ceads | None | | |