Form C-141 Page 6

State of New Mexico Oil Conservation Division

| Incident ID | nAPP2222822822 |
|----------------|----------------|
| 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.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

X 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)

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

X Description of remediation activities

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

| Printed Name: Amber Groves | Title: Remediation Specialist |
|---|---|
| Signature: | Date: 11 3 2022 |
| email:agroves@durangomidstream.com | Telephone:575-703-7992 |
| | |
| OCD Only | |
| Received by: Robert Hamlet | Date: <u>1/25/2023</u> |
| Closure approval by the OCD does not relieve the responsible par remediate contamination that poses a threat to groundwater, surfac party of compliance with any other federal, state, or local laws an | rty of liability should their operations have failed to adequately investigate and ce water, human health, or the environment nor does not relieve the responsible ad/or regulations. |
| Closure Approved by: <u>Robert Hamlet</u> | Date: <u>1/25/2023</u> |
| Printed Name: Robert Hamlet | Title: Environmental Specialist - Advanced |

District 1 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 Page 2 of 377

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

| Incident ID | nAPP2222822822 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party Frontier Field Services, LLC | OGRID 221115 | |
|--|--------------------------------|--|
| Contact Name Amber Groves | Contact Telephone 575-703-7992 | |
| Contact email agroves@durangomidstream.com | Incident # (assigned by OCD) | |

Location of Release Source

| Latitude | 32.788931 | Longitude -104.160235 | |
|----------|----------------|------------------------------------|--|
| | (NAD 83 in dec | cimal degrees to 5 decimal places) | |
| | | | |

| Date Release Discovered 8/8/2022 | API# (if applicable) | |
|---|----------------------|--|
| and the second se | | |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| J | 34 | 17S | 28E | Eddy |

Surface Owner: State Federal Tribal Private (Name: Conoco

Nature and Volume of Release

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|------------------|--|---|
| Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) 3 | Volume Recovered (bbls) 0 |
| Natural Gas | Volume Released (Mcf) 9,396.73 | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

Unknown ignition source ignited a fire at receiver facility.

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

| Incident ID | nAPP2222822822 |
|----------------|----------------|
| 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.

X 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)

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

X Description of remediation activities

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

| Printed Name: Amber Groves | Title: Remediation Specialist |
|--|--|
| Signature: | Date: 11 3 2022 |
| email:agroves@durangomidstream.com | Telephone:575-703-7992 |
| | |
| OCD Only | |
| Received by: | Date: |
| Closure approval by the OCD does not relieve the respons remediate contamination that poses a threat to groundwate party of compliance with any other federal, state, or local | ible party of liability should their operations have failed to adequately investigate and r, surface water, human health, or the environment nor does not relieve the responsible laws and/or regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |
| | |

Received by OCD: 8/18/2022 3:28:48 PM

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 | NAPP2223049065 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party Apache Corporation | OGRID 873 | |
|---|--------------------------------|--|
| Contact Name Larry Baker | Contact Telephone 432-215-2284 | |
| Contact email larry.baker@apachecorp.com | Incident # (assigned by OCD) | |
| Contact mailing address 303 Veterans Airpark Lane | Midland, TX 79705 | |

Location of Release Source

| A | · · · · · · · · · · · · · · · · · · · | |
|-------|---------------------------------------|--|
| Latit | lide | |
| Laur | uuc | |

Longitude -104.160229 (NAD 83 in decimal degrees to 5 decimal places)

| Site Name D State 85-88 | | Site Type Flow lines | | |
|---------------------------|---------|----------------------|--|--|
| Date Release Discovered 8 | /8/2022 | API# (if applicable) | | |

| Unit Letter Section | | Township | Range | County |
|---------------------|----|----------|-------|--------|
| J | 34 | 17S | 28E | Eddy |

Surface Owner: State Federal Tribal Private (Name:

32.788981

Nature and Volume of Release

| Crude Oil | Volume Released (bbls) unknown | Volume Recovered (bbls) 0 |
|------------------|--|---|
| Produced Water | Volume Released (bbls) unknown | Volume Recovered (bbls) 0 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Ves 🗌 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) |

Relaised in Imaging: 8(19/2022.9:26:12-1M)

Released to Imaging: 1/25/2023 9:41:05 AM

Page 4 of 377

Page 6

Oil Conservation Division

| Incident ID | nAPP2223049065 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Page 5 of 377

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.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \overline{X} 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)

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

X Description of remediation activities

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

| Printed Name: Larry Baker | Title: Environmental Tech Sr. Staff |
|--|--|
| Signature: | Date: |
| email: <u>larry.baker@apachecorp.com</u> | Telephone: 432-215-2284 |
| | |
| | |
| OCD Only | |
| Received by: | Date: |
| | 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: |



 November 7, 2022
 Vertex Project #: 22E-02945

 Spill Closure Report:
 Abo Plant to Coyote 12" Steel Line Receiver (Section 34, Township 17 South, Range 28 East) County: Eddy Incident Reports: nAPP2222822822 and nAPP2223049065

 Prepared For:
 Frontier Field Services, LLC 47 Conoco Road Maljamar, New Mexico 88264

New Mexico Oil Conservation Division - District 2 - Eddy 811 South 1st Street Artesia, New Mexico 88210

Frontier Field Services, LLC (Frontier) retained Vertex Resource Services Inc. (Vertex) to conduct a Spill Assessment for a release of natural gas, condensate, and produced water at the receiver facility named Abo Plant to Coyote 12" Steel Line Receiver, Incident nAPP2222822822 and nAPP2223049065. Frontier and Apache provided notification of the spill to New Mexico Oil Conservation Division (NMOCD) District 2, and the private landowner, via an initial C-141 Release Notifications. This letter provides a description of the Spill Assessment and includes a request for Spill Closure. The spill area is located at N 32.788931, W -104.160235.

Background

The site is located approximately 10.71 miles west of Loco Hills, New Mexico (Google Inc., 2022). The legal location for the site is Section 34, Township 17 South and Range 28 East in Eddy County, New Mexico. The spill area is located on private property. An aerial photograph and site schematic are included in Figure 1, Attachment 1.

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2022) indicates the site's surface geology is comprised primarily of Qoa – Older alluvial deposits of upland plains and piedmont areas and is characterized as mixed alluvium and eolian sands. The Natural Resources Conservation Service *Web Soil Survey* characterizes the predominant soil texture on the site is Kimbrough-Stegall loams complex. It tends to be well drained with very high runoff and very low available moisture levels in the soil profile (United States Department of Agriculture, Natural Resources Conservation Service, 2022).

The surrounding landscape is associated with plains, and alluvial fans at elevations of 2,750 to 5,000 feet above sea level. The climate is semi-arid, with an annual precipitation ranging between 8 to 16 inches. Historically, the plant community has grassland aspect, dominated by grasses with shrubs. Black grama is dominant and sideoats grama as the subdominant with a mixture of blue grama, bush muhly, sand dropseed, and threeawns. Overgrazing and extended drought can reduce grass cover (United States Department of Agriculture, Natural Resources Conservation Service, 2022).

There is no surface water located on-site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 vertex.ca

| Frontier Field Services, LLC | 2022 Spill Assessment and Closure |
|--|-----------------------------------|
| Abo Plant to Coyote 12" Steel Line Receiver, nAPP2222822822 and nAPP2223049065 | November 2022 |

Mexico Administrative Code (NMAC; New Mexico Oil Conservation Division, 2018), is the Pecos River located approximately 9.5 miles west northwest of the site (United States Fish and Wildlife Service, National Wetlands Inventory, 2022). There are no continuous flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Incident Description

The spill occurred on August 8, 2022, due to an unknown ignition source igniting a fire at the receiver facility and melted polylines owned by Apache. The spill was reported on August 9, 2022 and involved the release of approximately 3 barrels (bbl.) of condensate and 9,396.73 Mcf of natural gas at the facility and surrounding pastureland. Approximately 0 bbl. of free fluid was removed during initial spill clean-up. Characterization of the release area was completed during the excavation process. Field screens and laboratory analysis results are provided in Table 2, Attachment 2. The New Mexico Oil Conservation Division (NMOCD) C-141 Reports: nAPP2222822822 and nAPP2223049065 is included in Attachment 3. The daily field report and site photographs are included in Attachment 4.

Closure Criteria Determination

The depth to groundwater was determined using information from the National Water Information System on the United State Geological Survey website and New Mexico Office of the State Engineer POD locations. A 0.5-mile search radius was used to determine groundwater depth. The closest recorded depth to groundwater was determined to be 257 feet below ground surface (bgs) and 1.17 miles from the site (United States Geological Survey, National Water Information System: Mapper, 2022). Documentation used in Closure Criteria Determination research is included in Attachment 5.

vertex.ca

.

Frontier Field Services, LLC2022 Spill Assessment and ClosureAbo Plant to Coyote 12" Steel Line Receiver, nAPP2222822822 and nAPP2223049065November 2022

| ill Coc | ordinates: | X: 32.788931 | Y: -104.160235 | | |
|---------|---|-------------------|----------------|--|--|
| | cific Conditions | Value | Unit | | |
| 1 | Depth to Groundwater | 257 | feet | | |
| 2 | Within 300 feet of any continuously flowing | 54.446 | (a a b | | |
| 2 | watercourse or any other significant watercourse | 51,146 | feet | | |
| | Within 200 feet of any lakebed, sinkhole or playa | | | | |
| 3 | lake (measured from the ordinary high-water | 17,923 | feet | | |
| | mark) | | | | |
| 4 | Within 300 feet from an occupied residence, | 20,167 | feet | | |
| 4 | school, hospital, institution or church | 20,107 | ieet | | |
| | i) Within 500 feet of a spring or a private, domestic | | | | |
| | fresh water well used by less than five households | 6,236 | feet | | |
| 5 | for domestic or stock watering purposes, or | | | | |
| | ii) Within 1000 feet of any fresh water well or | 6,236 | feet | | |
| | spring | 0,230 | | | |
| | Within incorporated municipal boundaries or | | | | |
| | within a defined municipal fresh water field | | | | |
| 6 | covered under a municipal ordinance adopted | No | (Y/N) | | |
| Ū | pursuant to Section 3-27-3 NMSA 1978 as | | (Y/N) | | |
| | amended, unless the municipality specifically | | | | |
| | approves | | | | |
| 7 | Within 300 feet of a wetland | 5,696 | feet | | |
| 8 | Within the area overlying a subsurface mine | No | (Y/N) | | |
| | | | Critical | | |
| 9 | Within an unstable area (Karst Map) | Low | High | | |
| • | | | Medium | | |
| | | | Low | | |
| 10 | Within a 100-year Floodplain | Zone X Unshaded | year | | |
| | | | · · · · · | | |
| 11 | Soil Type | Kimbrough-Stegall | | | |
| ТŢ | | loams | | | |
| 12 | Ecological Classification | Kimbrough | | | |
| 12 | | Kinibiougii | | | |
| 13 | Geology | Qoa | | | |
| | | | <50' | | |
| | NMAC 19.15.29.12 E (Table 1) Closure Criteria | <50' | 51-100' | | |
| | | | >100' | | |

| Frontier Field Services, LLC | 2022 Spill Assessment and Closure |
|--|-----------------------------------|
| Abo Plant to Coyote 12" Steel Line Receiver, nAPP2222822822 and nAPP2223049065 | November 2022 |

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 1.

| Minimum depth below any point within the horizontal boundary of the release to groundwater | | | | | | |
|--|-------------------|-----------|--|--|--|--|
| less than 10,000 mg/l TDS | Constituent Limit | | | | | |
| | Chloride | 600 mg/kg | | | | |
| | TPH (GRO+DRO+MRO) | 100 mg/kg | | | | |
| < 50 feet | BTEX | 50 mg/kg | | | | |
| | Benzene | 10 mg/kg | | | | |

TDS - Total dissolved solids, TPH - Total petroleum hydrocarbons = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO), BTEX - Benzene, toluene, ethylbenzene, and xylenes

Remedial Actions Taken

An initial site inspection of the spill area was completed on August 18, 2022, which identified the area of the spill specified in the initial C-141 Reports, estimated the approximate square footage of the area and began remediation efforts based off surface staining. The impacted area was determined to be approximately 263 feet long and 147 feet wide; the total affected area was determined to be 9,638 square feet. The daily field report associated with the site inspection is included in Attachment 3.

Remediation efforts began on August 18, 2022 and were completed on October 19, 2022. Vertex personnel supervised the excavation of impacted soils. Field screening was completed on multiple sample points and consisted of analysis using a photo ionization detector (volatile hydrocarbons), Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and electromagnetic conductivity meter (chlorides). Field screening results were used to identify areas requiring further remediation from those areas showing concentrations below determined closure criteria levels. Soils were removed to a depth of 8 feet bgs. Additional remediation was completed on October 19, 2022 to assess samples above criteria and is further described below. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Field screening and laboratory analysis results are included in Table 2 (Attachment 2).

Notification that confirmatory samples were being collected was provided to the NMOCD on September 2, 7, 19, 23 and 30 and October 14, 2022 and are included in Attachment 6. Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. A total of 126 samples were collected for laboratory analysis following NMOCD soil sampling procedures and with an additional three samples recollected with additional remediation completed. Samples were submitted to under chain-of-custody (COC) protocols and analyzed for BTEX (EPA Method 8021B), total Petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 2 (Attachment 2) and the laboratory data report can be found in Attachment 7. All confirmatory samples collected and analyzed were below closure criteria for the site.

vertex.ca

Frontier Field Services, LLC2022 Spill Assessment and ClosureAbo Plant to Coyote 12" Steel Line Receiver, nAPP2222822822 and nAPP2223049065November 2022

Closure Request

The spill area was fully delineated, remediated and backfilled with local soils. Confirmatory Sample Notification email is presented in Attachment 6. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations "under 50 feet to groundwater". Based on these findings, Frontier Field Services, LLC respectfully requests that this spill be closed.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.361.9880 or mpeppin@vertex.ca.

Monica Peppin, A.S. PROJECT MANAGER, REPORTING

November 7, 2022

Date

Attachments

- Attachment 1. Figures
- Attachment 2. Tables
- Attachment 3. NMOCD C-141 Report
- Attachment 4. Daily Field Reports with Pictures
- Attachment 5. Closure Criteria for Soils Impacted by a Release Research Determination Documentation
- Attachment 6. Confirmatory Sample Notifications
- Attachment 7. Laboratory Data Reports and COCs

vertex.ca

References

- Google Inc. (2022). *Google Earth Pro* (Version 7.3.4) [Software]. Retrieved from http://www.google.com/earth on August 20, 2022.
- New Mexico Bureau of Geology and Mineral Resources. (2022). *Interactive Geologic Map.* Retrieved from http://geoinfo.nmt.edu.
- New Mexico Mining and Minerals Division. (2022). *Coal Mine Resources in New Mexico*. Retrieved from http://www.emnrd.state.nm.us/MMD/gismapminedata.html
- New Mexico Oil Conservation Division. (2018). New Mexico Administrative Code Natural Resources and Wildlife Oil and Gas Releases. Santa Fe, New Mexico.
- United States Department of Agriculture, Natural Resources Conservation Service. (2022). *Web Soil Survey*. Retrieved from https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx.
- United States Department of Homeland Security, FEMA Flood Map Service Center. (2020). *Flood Map Number* 35015C1875D. Retrieved from https://msc.fema.gov/portal/search?AddressQuery=malaga%20new%20mexico#searchresultsanchor
- United States Fish and Wildlife Service. (2022). *National Wetlands Inventory Surface Waters and Wetland*. Retrieved from https://www.fws.gov/ wetlands/data/Mapper.html.

vertex.ca

| Frontier Field Services, LLC | 2022 Spill Assessment and Closure |
|--|-----------------------------------|
| Abo Plant to Coyote 12" Steel Line Receiver, nAPP2222822822 and nAPP2223049065 | November 2022 |

Limitations

This report has been prepared for the sole benefit of Frontier Field Services, LLC. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division, without the express written consent of Vertex Resource Services Inc. (Vertex) and Frontier. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

vertex.ca

ATTACHMENT 1



ATTACHMENT 2

Client Name: Frontier Field Services, LLC

Site Name: Abo Plant to Coyote 12" Steel Line Receiver

NMOCD Tracking #: nAPP2222822822 Project #: 22E-02945

Lab Reports: E209069, E209045, E209046, E209190, E209191, E209192, E210009, E210010, E210020, E210167

| | 1 | able 2. Confirma | tory Samp | ole Field Sc | reen and | nd Laboratory Results - Depth to Groundwater <50 feet bgs | | | | | | | |
|-----------|----------------|------------------|-------------------------|--|------------------------|---|--|--|-------------------------------------|---|------------------------|---|---|
| | Sample Descrip | otion | Fi | eld Screeni | ng | Petroleum Hydrocarbons | | | | | | | |
| | | | s | | | Vola | atile | | | Extractable | 2 | | Inorganic |
| Sample ID | Depth (ft) | Sample Date | (PID) (PID) (PID) | Extractable Organic Compounds (PetroFlag) | Chloride Concentration | auazuag (mg/kg) | (jg/kg/gg/gg/gg/gg/gg/gg/gg/gg/gg/gg/gg/gg | 월 Gasoline Range Organics 영 (GRO) | ball Diesel Range Organics (DRO) | a) Motor Oil Range Organics (MRO) | (GRO + DRO) (mg/kg) | 명 Total Petroleum 서 Hydrocarbons (TPH) |) (is Chloride Concentration (is Chloride Concentration |
| BS22-01 | 8 | 9/6/2022 | - | 29 | 346 | ND | ND | ND | 31.7 | ND | 31.7 | 31.7 | 302 |
| BS22-02 | 8 | 9/6/2022 | - | 13 | 0 | ND | ND | ND | ND | ND | ND | ND | 415 |
| BS22-03 | 0.5 | 9/6/2022 | - | 22 | 147 | ND | ND | ND | ND | ND | ND | ND | 116 |
| BS22-04 | 2 | 9/6/2022 | - | 37 | 166 | ND | ND | ND | ND | ND | ND | ND | 133 |
| BS22-05 | 2 | 9/6/2022 | - | 43 | 24 | ND | ND | ND | ND | ND | ND | ND | 54.3 |
| BS22-06 | 2 | 9/6/2022 | - | 39 | 121 | ND | ND | ND | ND | ND | ND | ND | 195 |
| BS22-07 | 2 | 10/19/2022 | - | 24 | 54 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-08 | 2 | 9/8/2022 | 0 | 22 | 134 | ND | ND | ND | ND | ND | ND | ND | 20.2 |
| BS22-09 | 2 | 9/8/2022 | 0 | 14 | 147 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-10 | 2 | 9/8/2022 | 0 | 17 | 171 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-11 | 2 | 9/8/2022 | 0 | 31 | 191 | ND | ND | ND | ND | ND | ND | ND | 32.1 |
| BS22-12 | 2 | 9/8/2022 | 0 | 38 | 193 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-13 | 2 | 10/19/2022 | 0 | 29 | 736 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-14 | 4 | 9/28/2022 | | 22 | 310 | ND | ND | ND | ND | ND | ND | ND | 197 |
| BS22-15 | 4 | 9/28/2022 | - | 15 | 353 | ND | ND | ND | ND | ND | ND | ND | 21.6 |
| BS22-16 | 8 | 9/29/2022 | - | - | 519 | ND | ND | ND | 28 | ND | 28 | 28 | 52.2 |
| BS22-17 | 2 | 9/29/2022 | | 70 | 523 | ND | ND | ND | ND | ND | ND | ND | 171 |
| BS22-18 | 2 | 9/29/2022 | - | 91 | 178 | ND | ND | ND | 42.2 | 51.5 | 42.2 | 93.7 | 55.9 |
| BS22-19 | 2 | 9/29/2022 | - | 95 | 0 | ND | ND | ND | 33.3 | ND | 33.3 | 33.3 | 233 |
| BS22-20 | 2 | 9/29/2022 | - | 46 | 180 | ND | ND | ND | ND | ND | ND | ND | 157 |
| BS22-21 | 8 | 9/29/2022 | - | - | 453 | ND | ND | ND | ND | ND | ND | ND | 181 |
| BS22-22 | 8 | 9/29/2022 | - | - | 438 | ND | ND | ND | ND | ND | ND | ND | 149 |
| BS22-23 | 8 | 9/29/2022 | - | - | 409 | ND | ND | ND | ND | ND | ND | ND | 145 |
| BS22-24 | 8 | 9/29/2022 | - | - | 438 | ND | ND | ND | ND | ND | ND | ND | 71.9 |
| BS22-25 | 8 | 9/29/2022 | - | - | 440 | ND | ND | ND | ND | ND | ND | ND | 116 |
| BS22-26 | 8 | 9/29/2022 | - | - | 469 | ND | ND | ND | ND | ND | ND | ND | 155 |
| BS22-27 | 8 | 9/29/2022 | - | - | 357 | ND | ND | ND | ND | ND | ND | ND | 280 |
| BS22-28 | 8 | 9/29/2022 | - | - | 386 | ND | ND | ND | ND | ND | ND | ND | 221 |
| BS22-29 | 8 | 9/29/2022 | - | - | 385 | ND | ND | ND | ND | ND | ND | ND | 182 |
| BS22-30 | 8 | 9/29/2022 | - | - | 414 | ND | ND | ND | ND | ND | ND | ND | 42.9 |
| BS22-31 | 8 | 9/29/2022 | - | - | 418 | ND | ND | ND | ND | ND | ND | ND | 43.7 |
| BS22-32 | 8 | 9/29/2022 | - | - | 334 | ND | ND | ND | ND | ND | ND | ND | 65.5 |
| BS22-33 | 8 | 9/29/2022 | - | - | 363 | ND | ND | ND | ND | ND | ND | ND | 63.6 |
| BS22-34 | 8 | 9/29/2022 | - | - | 523 | ND | ND | ND | ND | ND | ND | ND | 148 |
| BS22-35 | 5 | 9/30/2022 | - | - | 393 | ND | ND | ND | ND | ND | ND | ND | 172 |
| BS22-36 | 5 | 9/30/2022 | - | - | 419 | ND | ND | ND | ND | ND | ND | ND | 427 |
| BS22-37 | 5 | 9/30/2022 | - | - | 458 | ND | ND | ND | ND | ND | ND | ND | 286 |
| BS22-38 | 5 | 9/30/2022 | - | - | 448 | ND | ND | ND | ND | ND | ND | ND | 282 |
| BS22-39 | 5 | 9/30/2022 | - | - | 398 | ND | ND | ND | ND | ND | ND | ND | 237 |
| BS22-40 | 5 | 9/30/2022 | - | - | 323 | ND | ND | ND | ND | ND | ND | ND | 172 |
| BS22-41 | 5 | 9/30/2022 | - | - | 222 | ND | ND | ND | ND | ND | ND | ND | 233 |
| BS22-42 | 2 | 9/30/2022 | - | - | 102 | ND | ND | ND | 48.3 | 67 | 48.3 | 115.3 | 39.1 |
| D322-42 | 2.5 | 10/19/2022 | - | 9 | 350 | ND | ND | ND | ND | ND | ND | ND | 148 |
| BS22-43 | 2 | 9/30/2022 | - | - | 181 | ND | ND | ND | 77.4 | 110 | 77.4 | 187.4 | 74.7 |
| D322-43 | 2.5 | 10/19/2022 | - | 8 | 196 | ND | ND | ND | ND | ND | ND | ND | 36.7 |
| BS22-44 | 4 | 9/30/2022 | - | - | 0 | ND | ND | ND | ND | ND | ND | ND | 36.9 |
| BS22-45 | 4 | 9/30/2022 | - | - | 0 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-46 | 4 | 9/30/2022 | - | - | 8 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-47 | 4 | 9/30/2022 | - | - | 0 | ND | ND | ND | ND | ND | ND | ND | 31.4 |
| BS22-48 | 5 | 9/30/2022 | - | - | 163 | ND | ND | ND | ND | ND | ND | ND | ND |



.

Client Name: Frontier Field Services, LLC Site Name: Abo Plant to Coyote 12" Steel Line Receiver NMOCD Tracking #: 2222822822 Project #: 22E-02945 Lab Reports: E209069, E209045, E209046, E209190, E209191, E209192, E210009, E210010, E210020, E210167

| | Sample Descrip | otion | Ei, | 110 | | | | | | | | | |
|-----------|----------------|-------------|----------------|--|-------------------------------|---------------------------|--|---------------------------------------|--------------------------------------|--|-------------------------|---|--|
| | | _ | | eld Screeni | ng | | | Petrole | eum Hydrod | | | | |
| | | | s | | | Vol | atile | | | Extractable | 2 | | Inorganic |
| Sample ID | Depth (ft) | Sample Date | (PID) (PID) | 표 Extractable Organic ③ Compounds (PetroFlag) | () (mdd) (mdd) (mdd) | eus Beuzeue (mg/kg) | (mg/kg/gg/gg/gg/gg/gg/gg/gg/gg/gg/gg/gg/gg | 월 Gasoline Range Organics (GRO) | Ba Diesel Range Organics (DRO) | B월 Motor Oil Range Organics (영/(MRO) | (02KO + DKO) (mg/kg) | ୁ ଅସି Total Petroleum କ୍ରୁ Hydrocarbons (TPH) | Bay/Bay (Say/Chloride Concentration |
| BS22-49 | 5 | 9/30/2022 | - | - | 216 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-50 | 5 | 9/30/2022 | - | - | 106 | ND | ND | ND | ND | ND | ND | ND | 64 |
| BS22-51 | 5 | 9/30/2022 | - | - | 0 | ND | ND | ND | ND | ND | ND | ND | 60.5 |
| BS22-52 | 0.5 | 9/30/2022 | - | - | 479 | ND | ND | ND | ND | ND | ND | ND | 371 |
| BS22-53 | 0.5 | 9/30/2022 | - | - | 331 | ND | ND | ND | ND | ND | ND | ND | 141 |
| BS22-54 | 0.5 | 9/30/2022 | - | - | 412 | ND | ND | ND | ND | ND | ND | ND | 462 |
| BS22-55 | 0.5 | 9/30/2022 | - | - | 321 | ND | ND | ND | ND | ND | ND | ND | 397 |
| BS22-56 | 0.5 | 9/30/2022 | - | - | 445 | ND | ND | ND | ND | ND | ND | ND | 62.3 |
| BS22-57 | 0.5 | 9/30/2022 | - | - | 310 | ND | ND | ND | ND | ND | ND | ND | 509 |
| BS22-58 | 0.5 | 9/30/2022 | - | - | 522 | ND | ND | ND | ND | ND | ND | ND | 285 |
| BS22-59 | 0.5 | 9/30/2022 | - | - | 484 | ND | ND | ND | ND | ND | ND | ND | 306 |
| BS22-60 | 0.5 | 10/19/2022 | - | 10 | 180 | ND | ND | ND | ND | ND | ND | ND | 52.8 |
| BS22-61 | 0.5 | 10/19/2022 | - | 6 | 281 | ND | ND | ND | ND | ND | ND | ND | 37.3 |
| BS22-62 | 0.5 | 10/19/2022 | - | 19 | 37 | ND | ND | ND | ND | ND | ND | ND | 83.2 |
| BS22-63 | 0.5 | 10/19/2022 | - | 8 | 128 | ND | ND | ND | ND | ND | ND | ND | 40.9 |
| BS22-64 | 0.5 | 10/19/2022 | - | 9 | 307 | ND | ND | ND | ND | ND | ND | ND | ND |
| BS22-65 | 0.5 | 10/19/2022 | - | 32 | 160 | ND | ND | ND | ND | ND | ND | ND | 78.1 |
| BS22-66 | 0.5 | 10/19/2022 | - | 31 | 171 | ND | ND | ND | ND | ND | ND | ND | 103 |
| BS22-67 | 0.5 | 10/19/2022 | - | 27 | 128 | ND | ND | ND | ND | ND | ND | ND | 76.5 |
| BS22-68 | 0.5 | 10/19/2022 | - | 51 | 161 | ND | ND | ND | ND | ND | ND | ND | 40.9 |
| BS22-69 | 0.5 | 10/19/2022 | - | 0 | 124 | ND | ND | ND | ND | ND | ND | ND | 63.6 |
| BS22-70 | 0.5 | 10/19/2022 | - | 48 | 8 | ND | ND | ND | 29.8 | ND | 29.8 | 29.8 | 29.8 |
| BS22-71 | 0.5 | 10/19/2022 | - | 32 | 230 | ND | ND | ND | ND | ND | ND | ND | 105 |
| BS22-72 | 0.5 | 10/19/2022 | - | 53 | 96 | ND | ND | ND | ND | ND | ND | ND | 46.5 |
| BS22-73 | 0.5 | 10/19/2022 | - | 35 | 134 | ND | ND | ND | ND | ND | ND | ND | 25.8 |
| BS22-74 | 0.5 | 10/19/2022 | - | 21 | 199 | ND | ND | ND | ND | ND | ND | ND | 58.1 |
| WS22-01 | 0-4 | 9/13/2022 | - | - | 121 | ND | 0.0367 | ND | ND | ND | ND | ND | 127 |
| WS22-01 | 4-8 | 9/6/2022 | - | - | 46 | ND | ND | ND | ND | ND | ND | ND | 85.4 |
| WS22-02 | 0-4 | 9/6/2022 | - | - | 451 | ND | ND | ND | ND | ND | ND | ND | 347 |
| WS22-02 | 4-8 | 9/6/2022 | - | - | 0 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-03 | 0-4 | 9/6/2022 | - | - | 310 | ND | ND | ND | ND | ND | ND | ND | 155 |
| WS22-03 | 4-8 | 9/6/2022 | - | - | 580 | ND | ND | ND | ND | ND | ND | ND | 2100 |
| WS22-03 | 4-8 | 10/16/2022 | - | 4 | 124 | ND | ND | ND | ND | ND | ND | ND | 57.4 |
| WS22-04 | 0-4 | 9/6/2022 | - | 13 | 0 | ND | ND | ND | ND | ND | ND | ND | 126 |
| WS22-04 | 4-8 | 9/6/2022 | - | - | 0 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-05 | 0-4 | 9/28/2022 | - | 19 | 421 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-06 | 0-4 | 9/28/2022 | - | 9 | 291 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-07 | 0-4 | 9/28/2022 | - | 4 | 289 | ND | ND | ND | ND | ND | ND | ND | 85.2 |
| WS22-08 | 2-4 | 9/28/2022 | - | 16 | 356 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-09 | 0-5 | 9/28/2022 | - | 15 | 482 | ND | ND | ND | ND | ND | ND | ND | 290 |
| WS22-10 | 0-5 | 9/28/2022 | - | 30 | 206 | ND | ND | ND | ND | ND | ND | ND | 326 |
| WS22-11 | 0-8 | 9/28/2022 | - | 34 | 453 | ND | ND | ND | ND | ND | ND | ND | 528 |
| WS22-12 | 0-8 | 9/28/2022 | - | - | 93 | ND | ND | ND | ND | ND | ND | ND | 137 |
| WS22-13 | 0-4 | 10/19/2022 | - | 9 | 251 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-13 | 4-8 | 9/29/2022 | - | - | 50 | ND | ND | ND | 35.1 | ND | 35.1 | 35.1 | 45.6 |
| WS22-14 | 0-2 | 9/29/2022 | - | 91 | 0 | ND | ND | ND | 27.3 | ND | 27.3 | 27.3 | 53 |
| WS22-15 | 0-2 | 9/29/2022 | - | 42 | 243 | ND | ND | ND | ND | ND | ND | ND | 133 |
| WS22-16 | 0-5 | 9/29/2022 | - | 43 | 248 | ND | ND | ND | ND | ND | ND | ND | 242 |
| WS22-17 | 0-5 | 9/29/2022 | - | - | 314 | ND | ND | ND | ND | ND | ND | ND | 129 |



.

Client Name: Frontier Field Services, LLC Site Name: Abo Plant to Coyote 12" Steel Line Receiver NMOCD Tracking #: 2222822822 Project #: 22E-02945 Lab Reports: E209069, E209045, E209046, E209190, E209191, E209192, E210009, E210010, E210020, E210167

| | 1 | able 3. Confirma | tory Samp | le Field Sc | reen and | Laboratory | Results - | Depth to | Groundwa | ter <50 fe | et bgs | | |
|-----------|----------------|------------------|----------------|--|-------------------------|---------------------|-----------|---------------------------------------|-------------------------------------|--|-------------|---|---------------------------------|
| 9 | Sample Descrip | otion | Fie | eld Screeni | ng | | | Petrole | eum Hydrod | arbons | | | |
| | | | s | | | Vola | atile | | | Extractable | 9 | | Inorganic |
| Sample ID | Depth (ft) | Sample Date | (PID) (PID) | Extractable Organic Compounds (PetroFlag) | (mdd) (mdd) (mdd) | auazuag g(mg/kg) | (mg/kg) | 월 Gasoline Range Organics (GRO) | 월 Diesel Range Organics (DRO) | 월 Motor Oil Range Organics (MRO) | (GRO + DRO) | 표 Total Petroleum Hydrocarbons (TPH) | a) Sy/Chloride Concentration |
| WS22-18 | 0-8 | 9/29/2022 | (PP) | (PP) | 386 | ND | ND | ND | ND | ND | ND | ND | 127 |
| WS22-19 | 0-8 | 9/29/2022 | - | - | 220 | ND | ND | ND | ND | ND | ND | ND | 120 |
| WS22-20 | 0-8 | 9/29/2022 | - | - | 164 | ND | ND | ND | ND | ND | ND | ND | 109 |
| WS22-21 | 0-8 | 9/29/2022 | - | - | 347 | ND | ND | ND | ND | ND | ND | ND | 241 |
| WS22-22 | 0-8 | 9/29/2022 | - | - | 226 | ND | ND | ND | ND | ND | ND | ND | 186 |
| WS22-23 | 0-8 | 9/29/2022 | - | - | 255 | ND | ND | ND | ND | ND | ND | ND | 190 |
| WS22-24 | 0-8 | 9/29/2022 | - | - | 265 | ND | ND | ND | ND | ND | ND | ND | 114 |
| WS22-25 | 0-8 | 9/29/2022 | - | - | 207 | ND | ND | ND | ND | ND | ND | ND | 205 |
| WS22-26 | 0-8 | 9/29/2022 | - | - | 535 | ND | ND | ND | ND | ND | ND | ND | 513 |
| WS22-27 | 0-8 | 9/29/2022 | - | - | 473 | ND | ND | ND | ND | ND | ND | ND | 412 |
| WS22-28 | 0-8 | 9/29/2022 | - | - | 460 | ND | ND | ND | ND | ND | ND | ND | 382 |
| WS22-29 | 0-8 | 9/29/2022 | - | - | 484 | ND | ND | ND | ND | ND | ND | ND | 278 |
| WS22-30 | 0-8 | 9/29/2022 | - | - | 477 | ND | ND | ND | ND | ND | ND | ND | 137 |
| WS22-31 | 0-5 | 9/29/2022 | - | - | 222 | ND | ND | ND | ND | ND | ND | ND | 254 |
| WS22-32 | 5-8 | 9/30/2022 | - | - | 432 | ND | ND | ND | ND | ND | ND | ND | 153 |
| WS22-33 | 0-2 | 9/30/2022 | - | - | 183 | ND | ND | ND | 36.2 | ND | 36.2 | 36.2 | ND |
| WS22-34 | 0-2 | 9/30/2022 | - | 47 | 376 | ND | ND | ND | 28.1 | ND | 28.1 | 28.1 | 20 |
| WS22-35 | 0-2 | 9/30/2022 | - | 32 | 492 | ND | ND | ND | ND | ND | ND | ND | 22.5 |
| W622.26 | 0.2 | 9/30/2022 | - | 58 | 522 | ND | ND | ND | 73.1 | 135 | 73.1 | 208.1 | ND |
| WS22-36 | 0-2 | 10/19/2022 | - | 90 | 145 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-37 | 0-2 | 9/30/2022 | - | - | 529 | ND | ND | ND | 43.6 | 51.7 | 43.6 | 95.3 | 68.6 |
| WS22-38 | 0-4 | 9/30/2022 | - | - | 62 | ND | ND | ND | ND | ND | ND | ND | 74.4 |
| WS22-39 | 0.5-4 | 9/30/2022 | - | - | 370 | ND | ND | ND | ND | ND | ND | ND | 178 |
| WS22-40 | 0-4 | 9/30/2022 | - | - | 340 | ND | ND | ND | 40.1 | ND | 40.1 | 40.1 | 131 |
| WS22-41 | 0-4 | 9/30/2022 | - | - | 99 | ND | ND | ND | ND | ND | ND | ND | 85 |
| WS22-42 | 0.5-5 | 9/30/2022 | - | - | 421 | ND | ND | ND | ND | ND | ND | ND | 306 |
| WS22-43 | 0.5-5 | 9/30/2022 | - | - | 340 | ND | ND | ND | ND | ND | ND | ND | 303 |
| WS22-44 | 0.5-5 | 9/30/2022 | - | - | 343 | ND | ND | ND | ND | ND | ND | ND | 76.4 |
| WS22-45 | 0.5-5 | 9/30/2022 | - | - | 382 | ND | ND | ND | ND | ND | ND | ND | 191 |
| WS22-46 | 0-5 | 9/30/2022 | - | - | 333 | ND | ND | ND | ND | ND | ND | ND | 161 |
| WS22-47 | 0-0.5 | 9/30/2022 | - | - | 467 | ND | ND | ND | ND | ND | ND | ND | 307 |
| WS22-48 | 0-0.5 | 9/30/2022 | - | - | 196 | ND | ND | ND | ND | ND | ND | ND | ND |
| WS22-49 | 0-0.5 | 10/19/2022 | - | 56 | 241 | ND | ND | ND | ND | ND | ND | ND | 111 |
| WS22-50 | 0-0.5 | 10/19/2022 | - | 44 | 193 | ND | ND | ND | ND | ND | ND | ND | 380 |
| WS22-51 | 0-0.5 | 10/19/2022 | - | 26 | 206 | ND | ND | ND | ND | ND | ND | ND | 88.7 |
| WS22-52 | 0-0.5 | 10/19/2022 | - | 16 | 108 | ND | ND | ND | ND | ND | ND | ND | ND |

"ND" Not Detected at the Reporting Limit "-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria

Bold and green shaded indicates samples recollected and under NMOCD Closure Criteria



.

ATTACHMENT 3

District 1 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 Page 20 of 377

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

| Incident ID | nAPP2222822822 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| OGRID 221115 | |
|--------------------------------|--------------------------------|
| Contact Telephone 575-703-7992 | |
| Incident # (assigned by OCD) | |
| | Contact Telephone 575-703-7992 |

Location of Release Source

| Latitude | 32.788931 | Longitude -104.160235 | |
|----------|--------------|--------------------------------------|--|
| | (NAD 83 in . | decimal degrees to 5 decimal places) | |
| | | | |

| Date Release Discovered 8/8/2022 | API# (if applicable) | |
|---|----------------------|--|
| and the second se | | |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| J | 34 | 17S | 28E | Eddy |

Surface Owner: State Federal Tribal Private (Name: Conoco

Nature and Volume of Release

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|------------------|--|---|
| Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) 3 | Volume Recovered (bbls) 0 |
| 🛛 Natural Gas | Volume Released (Mcf) 9,396.73 | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

Unknown ignition source ignited a fire at receiver facility.

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

| Incident ID | nAPP2222822822 |
|----------------|----------------|
| 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.

X 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)

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

X Description of remediation activities

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

| Printed Name: Amber Groves | Title: Remediation Specialist |
|--|--|
| Signature: | Date: 11 3 2022 |
| email:agroves@durangomidstream.com | Telephone:575-703-7992 |
| | |
| OCD Only | |
| Received by: | Date: |
| Closure approval by the OCD does not relieve the response remediate contamination that poses a threat to groundwater party of compliance with any other federal, state, or local | ible party of liability should their operations have failed to adequately investigate and r, surface water, human health, or the environment nor does not relieve the responsible laws and/or regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |
| | |

Received by OCD: 8/18/2022 3:28:48 PM

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 | NAPP2223049065 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party Apache Corporation | OGRID 873 |
|---|--------------------------------|
| Contact Name Larry Baker | Contact Telephone 432-215-2284 |
| Contact email larry.baker@apachecorp.com | Incident # (assigned by OCD) |
| Contact mailing address 303 Veterans Airpark Lane | Midland, TX 79705 |

Location of Release Source

| Latitude | |
|----------|--|
| Lautuuc | |

Longitude -104.160229 (NAD 83 in decimal degrees to 5 decimal places)

| Site Name D State 85-88 | Site Type Flow lines |
|----------------------------------|----------------------|
| Date Release Discovered 8/8/2022 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| J | 34 | 17S | 28E | Eddy |

Surface Owner: State Federal Tribal Private (Name:

32.788981

Nature and Volume of Release

| Crude Oil | Volume Released (bbls) unknown | Volume Recovered (bbls) 0 | |
|----------------------|--|---|--|
| Produced Water | Volume Released (bbls) unknown | Volume Recovered (bbls) 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 4 s | urface lines associated with the D State 8 aged due to a fire caused by third party o | 5,86,87,88 and three emulsion line | |

Relansed in Imaging: 8(19/2022-9:26:12 AM

Page 22 of 377

Page 6

Oil Conservation Division

| Incident ID | nAPP2223049065 |
|----------------|----------------|
| 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.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \overline{X} 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)

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

X Description of remediation activities

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

| Printed Name: Larry Baker | Title: Environmental Tech Sr. Staff | | |
|---|-------------------------------------|--|--|
| Signature: | Date: | | |
| email: <u>larry.baker@apachecorp.com</u> | Telephone: <u>432-215-2284</u> | | |
| | | | |
| | | | |
| OCD Only | | | |
| Received by: | Date: | | |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. | | | |
| Closure Approved by: | Date: | | |
| Printed Name: | | | |

ATTACHMENT 4



| Client: | Durango Midstream LLC | Inspection Date: | 8/18/2022 | |
|---|-----------------------|------------------|--------------------|--|
| Site Location Name: | Coyote 12" Steel Line | Report Run Date: | 8/23/2022 10:20 PM | |
| Client Contact Name: | Amber Groves | API #: | | |
| Client Contact Phone #: | 346-351-2786 | | | |
| Unique Project ID | | Project Owner: | | |
| Project Reference # | | Project Manager: | | |
| Summary of Times | | | | |
| Arrived at Site | 8/18/2022 9:00 AM | | | |
| Departed Site | 8/18/2022 3:10 PM | | | |
| Field Notes | | | | |
| 14:17 Arrived on location | | | | |
| 14:17 Did walkthrough of site with representatives from standard safety | | | | |
| 14:17 Began surface scrape of stained areas | | | | |
| | | | | |

14:18 Began hand digging stained areas around launcher

14:18 Placed spoils on plastic liner

Next Steps & Recommendations

1 Continue scraping surface contamination and field screens





Run on 8/23/2022 10:20 PM UTC







Daily Site Visit Signature

Inspector: McKitric Wier

Signature: Signature

•



| Client: | Durango Midstream LLC | Inspection Date: | | |
|-------------------------|-----------------------|------------------|--------------------|--|
| Site Location Name: | Coyote 12" Steel Line | Report Run Date: | 10/3/2022 10:52 PM | |
| Client Contact Name: | Amber Groves | API #: | | |
| Client Contact Phone #: | 346-351-2786 | | | |
| Unique Project ID | | Project Owner: | | |
| Project Reference # | | Project Manager: | | |
| Summary of Times | | | | |
| Arrived at Site | | | | |
| Departed Site | | | | |
| | | | | |

Field Notes

14:51 Arrived on site and held safety meeting with Lakin and reps from standard

14:51 Collected confirmatory samples from excavation west of the road. Samples came back clean

14:52 Collected confirmatory samples from excavation east of road. Confirmed clean status of excavation

14:53 Completed collecting confirmatory samples from base of excavation west of pump jack

14:53 Hauled 120 yards of material to disposal

Next Steps & Recommendations

1 Continue with confirmation sampling



Site Photos Viewing Direction: Southeast Viewing Direction: South Excavation east of pump jack Northeast excavation Viewing Direction: South Viewing Direction: North Excavation east of road Excavation east of road











Daily Site Visit Signature

Inspector: McKitric Wier

Signature:

•



| Client: | Durango Midstream LLC | Inspection Date: | 10/19/2022 | | |
|-------------------------|-----------------------|------------------|---------------------|--|--|
| Site Location Name: | Coyote 12" Steel Line | Report Run Date: | 10/20/2022 12:34 PM | | |
| Client Contact Name: | Amber Groves | API #: | | | |
| Client Contact Phone #: | 346-351-2786 | | | | |
| Unique Project ID | | Project Owner: | | | |
| Project Reference # | | Project Manager: | | | |
| Summary of Times | | | | | |
| Arrived at Site | 10/19/2022 8:50 AM | | | | |
| Departed Site | 10/19/2022 4:50 PM | | | | |
| | | | | | |

Field Notes

11:22 Arrived on site and held safety meeting with reps from standard

18:21 Began collecting samples and excavating southwest excavation down 6 additional inches in required spot @ 0930

6:31 Collected samples from walls and from bases in required areas

6:31 Collected samples from 0.5' excavation

6:31 Loaded 8 trucks

Next Steps & Recommendations

1



Site Photos Viewing Direction: West Viewing Direction: North Northern portion of southwestern excavation Northern portion of excavation taken down to taken down to 2.5' 2.5' Viewing Direction: Northwest Viewing Direction: Southeast Northern portion of excavation taken down to Southern portion of excavation taken down to 2.5' 2.5'

Run on 10/20/2022 12:34 PM UTC




V

VERTEX

Daily Site Visit Report



0.5' excavation and poly lines

.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: McKitric Wier

Signature: Signature

•

ATTACHMENT 5

Abo Plant to Coyote



10/21/2022, 12:03:03 PM

Override 1

New Mexico State Trust Lands

Both Estates

OSE District Boundary

Subsurface Estate

SiteBoundaries



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

Received by OCD: 11/8/2022 8:32:26 AM ADO Plant to Coyote

GRASSA @ Imaging: 1/25/2023 9:41:05 AM

USGS Well Distance: 1.17 miles DTGW: 257 feet, 1994

OWING LOIN UTWO

Legend

- 324724104082301
- Abo Plant to Coyote 12" Steel Line Receiver

Page 41 of 377

Coyote compressor station

12

324724104082301

Abo Plant to Coyote 12" Steel Line Receiver

Coyote compressor station

Sat

用語言

Ν



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

| USGS Water Resources | Data Category: | Geographic Area: | | | |
|----------------------|--------------------|------------------|---|----|--|
| | Site Information V | United States | ~ | GO | |

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- Attention current WaterAlert users: NextGen WaterAlert is replacing Legacy WaterAlert. You must take action before 9/30/2022 to retain your alerts. <u>Read</u> more.
- <u>Full News</u> 🔊

USGS 324724104082301 17S.28E.35.42233

Available data for this site SUMMARY OF ALL AVAILABLE DATA ✔ GO

Well Site

DESCRIPTION:

Latitude 32°47'24", Longitude 104°08'23" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 280.00 feet Land surface altitude: 3,659 feet above NGVD29. Well completed in "Other aquifers" (N99990THER) national aquifer. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

| Data Type | Begin Date | End Date | Count | |
|--------------------------------------|-------------------------------------|------------|-------|--|
| Field groundwater-level measurements | 1986-05-21 | 1994-03-01 | 4 | |
| <u>Revisions</u> | Unavailable (site:0) (timeseries:0) | | | |

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to <u>New Mexico Water Science Center Water-Data</u> <u>Inquiries</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>U.S. Department of the Interior</u> | <u>U.S. Geological Survey</u> Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=324724104082301

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2022-09-01 18:49:10 EDT 0.27 0.26 caww01





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

| USGS Water Resources | Data Category: | | Geographic Area: | | |
|----------------------|----------------|---|------------------|---|----|
| | Groundwater | × | United States | ~ | GO |
| | | | | | |

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- <u>Full News</u> 🔊

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 324724104082301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324724104082301 17S.28E.35.42233

Available data for this site Groundwater: Field measurements V GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°47'24", Longitude 104°08'23" NAD27

Land-surface elevation 3,659 feet above NGVD29

The depth of the well is 280.00 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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? USA.gov

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-10-21 17:23:09 EDT 0.57 0.49 nadww01

.



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

| | | · · | ers are 1= ters are s | | | =SW 4=SE) gest) | (NAD83 UT | M in meters) | |
|------------------------------------|----------------|-------------|--------------------------|--------------|---------|-------------------------|------------------|------------------|---------|
| Well Tag | POD Number | | Q16 Q4 | | | • / | (10.1200.01 X | Y | |
| - | RA 11857 POD1 | 1 | 1 2 | 05 1 | 8S | 26E | 577784 | 3625988 | 9 |
| Driller Licen | Driller Co | ompany | : DEL | .FO | RD W. M | ARTIN | | | |
| Driller Name | : MARTIN, DELI | ORD | | | | | | | |
| Drill Start Da | te: 09/25/2012 | Drill Finis | sh Date | : | 10/ | 01/2012 | Plug | Date: | |
| Log File Date | e: 10/15/2012 | PCW Rev | / Date: | | | | Sour | ce: | Shallow |
| Pump Type: | | Pipe Disc | Pipe Discharge Size: | | | Estimated Yield: 95 GPM | | d: 95 GPM | |
| Casing Size: | 5.00 | Depth W | ell: | 235 feet | | Dept | h Water: | 95 feet | |
| Water Bearing Stratifications: Top | | | | | m | Descript | ion | | |
| | | | 95 | 13 | 30 | Sandstor | ne/Gravel/ | Conglome | rate |
| | | | 160 | 235 Sandston | | ne/Gravel/ | Conglome/ | rate | |
| | Casing Pe | rforations: | Тор | Botto | m | | | | |
| | | | 140 | 23 | 85 | | | | |

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.

U.S. Fish and Wildlife Service

National Wetlands Inventory

Coyote Watercourse 50,146ft



Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

Lake Other Riverine be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory

Coyote Lake 17,923ft



Lake

Other

Riverine

Freshwater Emergent Wetland

Freshwater Pond

Freshwater Forested/Shrub Wetland

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Released to Imaging: 1/25/2023 9:41:05 AM

Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Abo Plant to Coyote



10/21/2022, 2:46:02 PM

Override 1

OSE District Boundary

New Mexico State Trust Lands

Subsurface Estate

SiteBoundaries





Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

•

Received by OCD: 11/8/2022 8:32:26 AM Coyote Steel Line

Nearest Town: Loco Hills, NM Distance: 10.71 miles (56,554 feet)

225

Legend

214

213

210

360

212

82

211

210

217

209

(82)

Page 52 of 377

Loco Hills

Abo Plant to Coyote 12" Steel Line Receiver

U.S. Hwy 82

216

Eddy County

Abo Plant to Coyote 12" Steel Line Receiver

206

229

217

235

206

8 km

U.S. Fish and Wildlife Service

National Wetlands Inventory

Coyote Wetland 5,696ft



Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- **Freshwater Pond**

Freshwater Forested/Shrub Wetland

Lake Other Riverine be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Released to Imaging: 1/25/2023 9:41:05 AM

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

Received by OCD: 11/8/2022 8:32:26 AM

Active Mines in New Mexico





8/20/2022, 1:06:15 PM

Registered Mines

- \times Aggregate, Stone etc.
- × Aggregate, Stone etc.
- × Aggregate, Stone etc.
- Potash

1:144,448



Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator

Released to Imaging: 1/25/2023 9:41:05 AM NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)



Received by OCD: 11/8/2022 8:32:26 AM National Flood Hazard Layer FIRMette



Legend

regulatory purposes.

104°9'56"W 32°47'35"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) Zone A. V. A9 With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - — – – Channel, Culvert, or Storm Sewer GENERAL STRUCTURES LIIII Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation AREA OF MINIMAL FLOOD HAZARD Eddy County **Coastal Transect** mm 513 mm Base Flood Elevation Line (BFE) Zdex 350120 Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline** 35015C0375D FEATURES Hydrographic Feature eff. 6/4/2010 **Digital Data Available** No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/20/2022 at 3:15 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time. This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for 104°9'18"W 32°47'5"N unmapped and unmodernized areas cannot be used for

Releasea to Imaging: 1/25/2023 9.941:05 AM 1,500

Feet 1:6.000 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Page 56 of 377



USDA United States Department of Agriculture

> Natural Resources Conservation Service

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

Custom Soil Resource Report for Eddy Area, New Mexico



Preface

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

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

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

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

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

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

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

•

Contents

| Preface | 2 |
|---|----|
| How Soil Surveys Are Made | |
| Soil Map | 8 |
| Soil Map | |
| Legend | |
| Map Unit Legend | 11 |
| Map Unit Descriptions | 11 |
| Eddy Area, New Mexico | 13 |
| KT—Kimbrough-Stegall loams, 0 to 3 percent slopes | 13 |
| References | 15 |

How Soil Surveys Are Made

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

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

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

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

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

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

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

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

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

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

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

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

.

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

Soil Map

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

Received by OCD: 11/8/2022 8:32:26 AM



Released to Imaging: 1/25/2023 9:41:05 AM

•

•

Custom Soil Resource Report

| MAP LE | GEND | MAP INFORMATION | |
|---|---|--|--|
| Area of Interest (AOI) Area of Interest (AOI) | Spoil AreaStony Spot | The soil surveys that comprise your AOI were mapped at 1:20,000. | |
| Soils Soil Map Unit Polygons Soil Map Unit Lines Soil Map Unit Points Soil Map Unit Points Special Point Features Blowout Sorrow Pit | Very Stony Spot Wet Spot Other Special Line Features Water Features Streams and Canals | Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale. | |
| N-24 | Transportation Here Rails Interstate Highways US Routes Major Roads | Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) | |
| Landfill Lava Flow Marsh or swamp Mine or Quarry | Local Roads Background Aerial Photography | Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. | |
| Miscellaneous Water Perennial Water Rock Outcrop Saline Spot Sandy Spot | | This product is generated from the USDA-NRCS certified data a of the version date(s) listed below. Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021 Soil map units are labeled (as space allows) for map scales | |
| Severely Eroded Spot Sinkhole Slide or Slip Sodic Spot | | Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020 The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background | |
| <i>p</i> | | The orthopho | |

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|--|--------------|----------------|
| КТ | Kimbrough-Stegall loams, 0 to 3 percent slopes | 0.2 | 100.0% |
| Totals for Area of Interest | | 0.2 | 100.0% |

Map Unit Descriptions

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

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

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

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

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

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

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

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

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

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

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

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

Eddy Area, New Mexico

KT—Kimbrough-Stegall loams, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4t Elevation: 2,750 to 5,000 feet Mean annual precipitation: 8 to 16 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 230 days Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 70 percent *Stegall and similar soils:* 25 percent *Minor components:* 5 percent *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Kimbrough

Setting

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

Typical profile

H1 - 0 to 3 inches: loam *H2 - 3 to 9 inches:* loam *H3 - 9 to 60 inches:* indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 8 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7s Hydrologic Soil Group: D Ecological site: R042XC025NM - Shallow Hydric soil rating: No

Description of Stegall

Setting

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

Typical profile

H1 - 0 to 5 inches: loam

H2 - 5 to 28 inches: clay loam

H3 - 28 to 32 inches: indurated

H4 - 32 to 60 inches: variable

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 90 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 4.8 inches)

Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 3e Hydrologic Soil Group: C Ecological site: R042XC007NM - Loamy Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 5 percent Ecological site: R042XC002NM - Shallow Sandy Hydric soil rating: No

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/ nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2 053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/ home/?cid=nrcs142p2_053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/ detail/national/landuse/rangepasture/?cid=stelprdb1043084

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/ nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/? cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf
UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

ECOLOGICAL SITE DESCRIPTION

ECOLOGICAL SITE CHARACTERISTICS

| Site Type: | Range | | | | |
|--------------------------------|-------------|-----------------|--|--|--|
| Site ID: | R042XC025NM | | | | |
| Site Name: | Shallow | | | | |
| Precipitation or Climate Zone: | | 10 to 13 inches | | | |
| Phase: | | | | | |

PHYSIOGRAPHIC FEATURES

Narrative: This site occurs on upland plains, fans and mesas, or between toe slopes of desert hills and drainage ways. Slopes range fro 0 to 15 percent. Direction of slope varies and is usually not significant. Elevations range from 2,842 to 4,500 feet. Land Form: 1. plain 2. fan 3. mesa Aspect: 1. Not signifant 2. 3. Minimum Maximum Elevation (feet) 2,842 4,500 Slope (percent) 0 15 Water Table Depth (inches) N/A N/A Flooding: Minimum Maximum Frequency N/A N/A Duration Ponding: Minimum Maximum Depth (inches) N/A N/A Frequency Duration **Runoff Class:** Negligible to High

CLIMATIC FEATURES

Narrative:

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer.

The average frost-free season is 207 to 220 days. The last killing frost is late March or early April, and the first killing frost is in late October or early November.

Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of this site. Because of the shallow soil depth, the vegetation on this site can take advantage of moisture almost anytime it falls. Strong winds that blow from the west and southwest blow from January through June, which accelerates soil drying at a critical time for cool season plant growth.

| | Minimum | Maximum |
|-------------------------------------|---------|---------|
| Frost-free period (days): | 180 | 221 |
| Freeze-free period (days): | 199 | 240 |
| Mean annual precipitation (inches): | 10.0 | 13.0 |

Monthly moisture (inches) and temperature (⁰F) distribution:

| | Precip. Min. | Precip. Max. | Temp. Min. | Temp. Max. |
|-----------|--------------|--------------|------------|------------|
| January | 0.40 | 0.42 | 20.6 | 59.7 |
| February | 0.40 | 0.41 | 25.2 | 65.6 |
| March | 0.41 | 0.43 | 31.4 | 72.7 |
| April | 0.58 | 0.63 | 40.4 | 81.5 |
| May | 1.28 | 1.35 | 49.6 | 88.7 |
| June | 1.40 | 1.46 | 59.1 | 95.4 |
| July | 1.62 | 1.64 | 63.3 | 96.4 |
| August | 1.79 | 1.84 | 61.6 | 94.8 |
| September | 1.81 | 2.20 | 54.1 | 88.5 |
| October | 1.16 | 1.41 | 40.7 | 80.4 |
| November | 0.43 | 0.47 | 28.4 | 68.7 |
| December | 0.48 | 0.51 | 20.9 | 61.1 |

Climate Stations:

- (1) NM0600, Artesia, NM Period of record 1961 1990
- (2) NM0992, Bitter Lakes WL Refuge, NM Period of record 1961 1990
- (3) NM1469, Carlsbad, NM Period of record 1961 1990
- (4) NM293792, Hagerman, NM Period of record 1961 1990
- (5) NM299563, Waste Isolation Plant, NM Period of record 1961 1990
- (2) NM4346, Jal, NM Period of record 1961 1990

INFLUENCING WATER FEATURES

Narrative:

This site is not influenced from water from wetlands or streams.

Wetland description:

| System | Subsystem | Class |
|--------|-----------|-------|
| N/A | | |

If Riverine Wetland System enter Rosgen Stream Type: N/A

REPRESENTATIVE SOIL FEATURES

Narrative:

The soils of this site are shallow to very shallow. Surface layers are stony silty clay, gravelly loam and gravelly fine sandy loam. There is an indurated caliche layer of limestone bedrock that occurs within 20 inches and averages less than 10 inches. Permeability is moderate and moderately rapid and water holding capacity is low. All water is stored above the caliche layer in the shallow soil profile. Characteristic soils are: Delnorte very gravelly loam Lozier gravelly loam 0 to 5 percent slopes Potter gravelly loam Tencee gravelly fine sandy loam Upton gravelly loam Vieja stony silty clay Kimbrough gravelly loam

| Parent Material Kind: | Alluvium |
|-------------------------|----------|
| Parent Material Origin: | Mixed |

Surface Texture:

| 1. | gravelly loam |
|----|--------------------------|
| 2. | gravelly fine sandy loam |
| 3. | stony silt clay |

Surface Texture Modifier:

| 1. | gravel |
|----|--------|
| 2. | |
| 3. | |

| Subsurface Texture Group: | N/A |
|---------------------------------------|---------|
| Surface Fragments <=3" (% Cover): | 15 - 40 |
| Surface Fragments >3" (% Cover): | N/A |
| Subsurface Fragments <=3" (%Volume): | 13 - 42 |
| Subsurface Fragments >=3" (% Volume): | 0 - 1 |

| | Minimum | Maximum |
|---|-----------|-----------------|
| Drainage Class: | Well | Well |
| Permeability Class: | very slow | moderately slow |
| Depth (inches): | 4 | 24 |
| Electrical Conductivity (mmhos/cm): | 0 | 2 |
| Sodium Absorption Ratio: | N/A | N/A |
| Soil Reaction (1:1 Water): | 7.4 | 8.4 |
| Soil Reaction (0.1M CaCl2): | N/A | N/A |
| Available Water Capacity (inches): | 1 | 1 |
| Calcium Carbonate Equivalent (percent): | | |

Ecological Dynamics of the Site:

Overview

The Shallow site is associated with and Limestone Hills, Loamy, and Shallow Sandy sites. When associated with Limestone Hills, the Shallow site occurs on the summits, foot slopes and toeslopes of hills. Loamy sites often occur as areas between low elongated hills with rounded crests (Shallow site). When the Shallow Sandy site and Shallow site occur in association, the Shallow Sandy soils occupy the tops of low ridges and the Shallow site soils occur on the steeper sideslopes of the ridge. The historic plant community of the Shallow site has the aspect of a grassland/shrub mix, dominated by grasses, but with shrubs common throughout the site. Black grama is the dominant grass species; creosotebush, mesquite, and catclaw mimosa are common shrubs. Overgrazing and or extended drought can reduce grass cover, effect a change in grass species dominance, and may result in a shrub-dominated state. Suppression of natural fire regimes may also facilitate the transition to shrub dominance.¹

Plant Communities and Transitional Pathways (diagram)



MLRA-42, SD-3, Shallow

1a. Extended drought, overgrazing, no fire

1b. Brush control, Prescribed grazing

Plant Communities Photo Display & Descriptive Diagnosis

MLRA 42; SD-3; Shallow

Grass/Shrub mix





Shrub-Dominated

•Threeawns-black grama community •Grass recovery following treatment with tebuthiuron •Transition back to Grass/Shrub mix





•Creosotebush-catclaw mimosa, with some broom snakeweed and a few scattered mesquite •Grass cover (hairy tridens-black grama) patchy, large connected bare areas present •Upton gravelly loam, Eddy Co., NM

| Plant Community Name: | Historic Cli | imax Plant Co | ommunity | |
|----------------------------|--------------|---------------|------------------|------|
| Plant Community Sequence N | Number: | 1 | Narrative Label: | НСРС |

Plant Community Narrative:

State Containing Historic Climax Plant Community

Grassland/Shrub Mix: The historic plant community is dominated by black grama with sideoats grama as the sub-dominant. Blue grama, hairy grama, bush muhly, and sand dropseed also occur in significant amounts. Sideoats grama can occur as the dominant grass with black grama as sub-dominant on the western side of the Land Resource Unit SD-3. This may be due to higher average elevation on the west side. Retrogression within this state due to extended drought or overgrazing will cause a decrease in species such as black grama, sideoats grama, blue grama, and bush muhly. Threeawns may become the dominant grass species due to a decline in more palatable grasses or because of its ability to quickly recover following drought. Continued loss of grass cover and associated increase in amount of bare ground may result in a shrub-dominated state. Decreased fire frequencies may also be an important component in the cause of this transition.

Diagnosis: Grass cover is fairly uniform, however, surface gravel, cobble, and bare ground make up a large percent of total ground cover, and grass production during unfavorable years may only average 150-175 pounds per acre. Shrubs are common with canopy cover averaging five to ten percent. Evidence of erosion such as rills and gullies are rare, but may occur on slopes greater than eight percent.

Ground Cover (Aveage Percent of Surface Area).

| Grasses & Forbs | 10-15 |
|-------------------------------|---------------------------------------|
| Bare ground | 40 - 60 |
| Surface cobble and stone | 15 - 25 |
| Litter (percent) | 5 - 8 |
| Litter (average depth in cm.) | 2 - 3 |
| Percent canopy | cover (trees, shrubs, and half-shrubs |
| Trees | 0 |
| Shrubs and half -shrubs | 5 - 10 |

Plant Community Annual Production (by plant type):

| Annual Production (lbs/ac) | | | | | |
|----------------------------|-----|-----|------|--|--|
| Plant Type | Low | RV | High | | |
| Grass/Grasslike | 168 | 352 | 536 | | |
| Forb | 20 | 42 | 64 | | |
| Tree/Shrub/Vine | 63 | 131 | 200 | | |
| Lichen | | | | | |
| Moss | | | | | |
| Microbiotic Crusts | | | | | |
| Totals | 250 | 525 | 800 | | |

Plant Community Composition and Group Annual Production: Plant species are grouped by annual production **not** by functional groups.

| I faint Type | - 01a55/01a5 | SIIKC | | |
|--------------|--------------|-------------------------|------------|------------|
| Group | Scientific | | Species | Group |
| Number | Plant | Common Name | Annual | Annual |
| | Symbol | | Production | Production |
| 1 | BOER4 | black grama | 105 - 158 | 105 - 158 |
| 2 | BOCU | sideoats grama | 79 - 105 | 79 - 105 |
| 3 | BOGR2 | blue grama | 79 - 105 | 79 - 105 |
| 3 | BOHI2 | hairy grama | | |
| 4 | MUPO2 | bush muhly | 26 - 53 | 26 - 53 |
| 5 | BOBA3 | cane bluestem | 16 - 26 | 16 - 26 |
| 6 | SPCR | sand dropseed | 26 - 53 | 26 - 53 |
| 7 | ERPI5 | hairy tridens | 16 - 26 | 16 - 26 |
| 8 | MUAR | ear muhly | 5 - 16 | 5 - 16 |
| 9 | HENE5 | New Mexico feathergrass | 5 - 16 | 5 - 16 |
| 10 | DAPU7 | fluffgrass | 5 - 16 | 5 - 16 |
| 11 | 2GP | other grasses | 16 - 26 | 16 - 26 |
| | | | | |

Plant Type - Grass/Grasslike

Plant Type - Tree/Shrub/Vine

| Group | Scientific | | Species | Group |
|--------|------------|---------------------|------------|------------|
| Number | Plant | Common Name | Annual | Annual |
| | Symbol | | Production | Production |
| 18 | RHMI3 | littleleaf sumac | 5 - 16 | 5 – 16 |
| 19 | LATR2 | cresostebush | 5 - 16 | 5 - 16 |
| 20 | KRER | range ratany | 5 - 16 | 5 - 16 |
| 21 | MIERX | common javalinabush | 5 - 16 | 5 - 16 |
| 22 | FLCE | American tarbush | 5 - 16 | 5 - 16 |
| 23 | KOSP | spiny allthorn | 5 - 16 | 5 – 16 |
| 24 | PRGL2 | mesquite | 11 - 26 | 11 - 26 |
| 25 | MIACB | catclaw mimosa | 5 - 16 | 5 - 16 |
| 26 | OPUNT | cactus | 5 - 16 | 5 - 16 |
| 27 | PAIN2 | mariola | 11 - 26 | 11 - 26 |
| 28 | GUSA2 | broom snakeweed | 5 - 16 | 5 - 16 |
| 29 | 2SHRUB | other shrubs | 16 - 26 | 16 - 26 |
| | | | | |

| Plant Type | - Forb | | | |
|------------|------------|------------------|------------|------------|
| Group | Scientific | | Species | Group |
| Number | Plant | Common Name | Annual | Annual |
| | Symbol | | Production | Production |
| 12 | TEACE | stemless actinea | 11 - 26 | 11 - 26 |
| 13 | PACAL5 | wooly groundsel | 5 - 16 | 5 - 16 |
| 14 | SPHAE | globemallow | 5 - 16 | 5 - 16 |
| 15 | LESQU | bladderpod | 5 - 16 | 5 - 16 |
| 16 | CASSI | Senna | 5 - 16 | 5 - 16 |
| 17 | 2FORB | other forbs | 11 - 26 | 11 - 26 |

Plant Type - Lichen

| Group Number | Scientific Plant Symbol | Common Name | Species Annual Production | Group Annual Production |
|-----------------|-------------------------------|-------------|---------------------------------|-------------------------------|
| | | | | |

Plant Type - Moss

| Group Number | Scientific Plant Symbol | Common Name | Species Annual Production | Group Annual Production |
|-----------------|-------------------------------|-------------|---------------------------------|-------------------------------|
| | | | | |
| | | | | |

Plant Type - Microbiotic Crusts

| Group Number | Scientific Plant | Common Name | Species Annual | Group Annual |
|-----------------|---------------------|-------------|-------------------|-----------------|
| | Symbol | | Production | Production |
| | | | | |

Other grasses that could appear on this site would include: vine-mesquite, silver bluestem, burrograss, spike dropseed, threeawns, tobosa, muhlys, Arizona cottontop and plains bristlegrass

Other woody plants include: condalia, tesajo cactus, Apacheplume, wolfberry, cactus, ephedra spp., yucca, witerfat and fourwing saltbush.

Other forbs include: desert zinnia, wolly paperflower, prickleaf dogweed, verbena, deerstongue, croton and wright's buckwheat.

| Plant G | Growth C | urves | | | | | | | | | |
|---------------------------|----------|-------|-------|--------------------|--------|--------|----------|-----------|--------|------|------|
| Growth Curve ID | | | 1 | NM2825 | | | | | | | |
| Growth Curve Name: | | | | HCPC | | | | | | | |
| Growth Curve Description: | | | | SD-3 Shal | low HC | PC War | n Seasor | n Plant C | Commun | ity | |
| Jan. | Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| 0 | 0 | 3 | 5 | 10 10 25 30 12 5 0 | | | | 0 | | | |
| Additional States: | | | | | | | | | | | |

<u>Shrub-Dominated</u>: This state is characterized by an increase in shrubs and a decrease in grass cover relative to grassland/shrub mix. As grass cover decreases shrubs increase, especially creosotebush, catclaw mimosa, whitethorn acacia, and mesquite. Each of these shrub species may become dominant in localized areas or across the site, depending on the spatial variability in soil characteristics and landscape position. Black grama, threeawns, hairy grama, or hairy tridens may be the dominant grass species. Fluffgrass, burrograss and broom snakeweed increase in representation. The Shallow site is resistant to further state change, due to the natural rock armor of the soil and a shallow impermeable layer. The amount of rock fragments on the soil surface assist in retarding erosion. On Shallow sites with low slope, the shallow depth to either a petrocalcic layer or limestone bedrock helps to keep water perched and available to shallow rooted grasses for extended periods.²

<u>Diagnosis</u>: Shrubs are the dominant species, especially creosotebush, catclaw mimosa, whitethorn acacia, or mesquite. Grass cover is variable ranging from patchy with large connected bare areas present to sparse with only a limited amount in shrub inter-spaces.

Transition to Shrub-Dominated (1a) Overgrazing and or extended periods of drought, and suppression of natural fire regimes are thought to cause this transition. As grass cover is lost, soil fertility and available soil moisture decline, due to the reduction of organic matter and decreased infiltration.³ Shrubs have the ability to extract nutrients and water from a greater area of soil than grasses and are better able to utilize limited water. Competition by shrubs for water and nutrients limits grass recruitment and establishment. Fire historically may have played a part in suppressing shrub expansion; fire suppression may therefore facilitate shrub expansion.

Key indicators of approach to transition:

- Decrease or change in composition or distribution of grass cover.
- Increase in size and frequency of bare patches.
- Increase in amount of shrub seedlings.

Transition back to Grassland/Shrub Mix (1b) Brush control is necessary to re-establish grasses. Prescribed grazing will help to ensure proper forage utilization and sustain grass cover. Once the transition is reversed and grass cover is re-established, prescribed fire might help in maintaining the Grassland/Shrub state.

ECOLOGICAL SITE INTERPRETATIONS

Animal Community:

This site provides habitats which support a resident animal community that is characterized by desert cottontail, spotted ground squirrel, Merriam's kangaroo rat, cactus mouse, white-throated woodrat, gray fox, spotted skunk, roadrunner, Swainson's hawk, white-necked raven, cactus wren, pyrrhuloxia, lark sparrow, mourning dove, scaled quail, leopard lizard, round-tailed horned lizard, prairie rattlesnake, Couch's spadefoot toad, marbled whiptail, and greater earless lizard.

Where associated with limestone hills, mule deer utilize this site. Where large woody shrubs occur, most resident birds and scissor-tailed flycatcher, morning dove, lark sparrow and Swainson's hawk nest.

Hydrology Functions:

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

| Hydrologic Interpretations | | | | | | |
|----------------------------|------------------|--|--|--|--|--|
| Soil Series | Hydrologic Group | | | | | |
| Delnorte | С | | | | | |
| Lozier | D | | | | | |
| Potter | С | | | | | |
| Tencee | D | | | | | |
| Upton | С | | | | | |
| Kimbrough | D | | | | | |
| Vieja | D | | | | | |

Recreational Uses:

This site offers recreation potential for hiking, horseback riding, rock hunting, nature photography and bird hunting and birding. During years of abundant spring moisture, a colorful array of wild flowers is displayed during May and June. A few summer and fall flowers also occur.

Wood Products:

This site has no potential for wood production.

Other Products:

This site is suited for grazing by all kinds and classes of livestock during all seasons of the year. Missmanagement will cause a decrease in black grama, sideoats grama, and blue grama, bush muhly and New Mexico feathergrass. A corresponding increase in bare ground will occur. There will also be an increase in muhlys, fluffgrass, creosotebush, javalinabush and mesquite. This site will respond best to a system of management that rotates the season of use.

| Other Information: | |
|-------------------------------------|------------------------------------|
| Guide to Suggested Initial Stocking | g Rate Acres per Animal Unit Month |
| Similarity Index | Ac/AUM |
| 100 - 76 | 3.7 – 4.5 |
| 75 – 51 | 4.3 – 5.5 |
| 50 - 26 | 5.3 - 10.0 |
| 25 - 0 | 10.1 + |

| | Code | Species Preference | | C | Code | | | | | | | | | |
|-----------------------------------|-----------------------|--------------------|-----|-----|------|-----|--------|-------|--------|-------|-----|-----|-----|-----|
| Stems | S | None Selected | | | | N/S | | | | | | | | |
| Leaves | L | | | | | - | Р | | | | | | | |
| Flowers | F F | Desirab | | | | | D | | | | | | | |
| Fruit/Seeds | F/S EP | Undesir | | | | | U N | | | | | | | |
| Entire Plant Underground Parts | UP | Not Cor Emerge | | | | | E | | | | | | | |
| Olderground Parts | UF | Toxic | псу | | | | T | | | | | | | |
| Animal Kind: | Livestock | TOALC | | | | | 1 | | | | | | | |
| Animal Type: | Cattle | | | | | | | | | | | | | |
| | | Plant | | | | | Fora | ge Pr | refere | ences | | | | |
| Common Name | Scientific Name | Part | J | F | М | А | М | J | J | Α | S | 0 | Ν | D |
| black grama | Bouteloua eriopoda | EP | Р | Р | Р | D | D | D | D | D | D | D | Р | Р |
| sideoats grama | Bouteloua | EP | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р |
| <u>j</u> | curtipendula | | | | | | | | | | | | | |
| blue grama | Bouteloua gracilis | EP | D | D | D | D | Р | Р | Р | Р | Р | D | D | D |
| hairy grama | Bouteloua hirsuta | EP | D | D | D | D | Р | Р | Р | Р | Р | D | D | D |
| bush muhly | Muhlenbergia porterti | EP | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р |
| cane bluestem | Bothriochloa | EP | U | U | U | U | U | U | Р | Р | D | U | U | U |
| | barbinodis | | | | | | | | | | | | | |
| sand dropseed | Sporobolus | EP | U | U | U | D | D | D | D | D | D | U | U | U |
| | cryptandrus | EP | N/S | N/S | N/S | D | D | D | D | D | Р | Р | Р | N/S |
| globemallow | Sphaeralcea | | | | | | | _ | | | _ | - | | |
| bladderpod | Lesquerella | EP | N/S | N/S | D | D | D | D | N/S | N/S | N/S | N/S | N/S | N/S |
| Senna | Cassia L. | EP | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S |
| cresostebush | Larrea tridentata | L | U | U | U | U | U | U | U | U | U | U | U | U |
| common | Microrhamnus | EP | U | U | U | U | U | U | U | U | U | U | U | U |
| javalinabush | eridoides | | | | | | | | | | | | | |
| American tarbush | Flourensia cernua | EP | U | U | U | U | U | U | U | U | U | U | U | U |
| mesquite | Prosopis glandulosa | EP | U | U | U | U | U | U | U | U | U | U | U | U |
| catclaw mimosa | Mimosa aculeaticarpa | | U | U | U | U | U | U | U | U | U | U | U | U |
| cactus | opuntia sp. | EP | Е | Е | Е | Е | Е | Е | E | Е | Е | Е | Е | Е |
| mariola | Parthenium incanum | EP | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S | N/S |
| broom snakeweed | Gutierrezia sarothrae | L/F | U | U | U | U | U | Т | Т | U | U | U | U | U |
| | | | | | | | | | | | | | | |

Plant Preference by Animal Kind:

Supporting Information

| Associated Sites: Site Name | Site ID | Site Narrative | | | | | |
|--|---------|----------------|--|--|--|--|--|
| <u>Similiar Sites:</u> <u>Site Name</u> | Site ID | Site Narrative | | | | | |
| State Correlation: This site has been correlated with the following states: Texas | | | | | | | |
| Number | of | | | | | | |

| | Number of | | | |
|-------------|----------------|---------------|--------------|--------|
| Data Source | <u>Records</u> | Sample Period | <u>State</u> | County |

Type Locality:

Relationship to Other Established Classifications:

Other References:

Data collection for this site was done in conjunction with the progressive soil surveys within the Southern Desertic Basins, Plains and Mountains, Major Land Resource Areas of New Mexico (SD-3). This site has been mapped and correlated with soils in the following soil surveys. Eddy County, Lea County, and Chaves County.

Characteristic soils are:

| Delnorte very gravelly loam | Lozier gravelly loam 0-5% slope | Potter gravelly loam |
|---------------------------------|---------------------------------|------------------------|
| Tencee gravelly fine sandy loam | Upton gravelly loam | Vieja stony silty clay |
| Kimgrough gravelly loam | | |

1. Humphrey, R.R. 1974. Fire in the deserts and desert grassland of North America. In: Kozlowski, T. T.; Ahlgren, C. E., eds. Fire and ecosystems. New York: Academic Press: 365-400.

2. Hennessy, J.T., R.P. Gibbens, J.M. Tromble, and M. Cardenas. 1983. Water properties of caliche. J. Range Manage. 36: 723-726.

3. U.S. Department of Agriculture, Natural Resources Conservation Service. 2001. Soil Quality Information Sheets. Rangeland Soil Quality—Infiltration, Organic Matter, Rangeland Sheets 5,6. [Online]. Available: http://www.statlab.iastate.edu/survey/SQI/range.html

Site Description Approval: Author Date Approval Date 07/12/1979 Don Sylvester 07/12/1979 Don Sylvester Site Description Revision: Author Approval Date Date David Trujillo 03/26/03 George Chavez 03/26/03

•

ArcGIS Web Map



8/20/2022, 2:45:28 PM

Lithologic Units

- Playa—Alluvium and evaporite deposits (Holocene)
- Water—Perenial standing water
- Qa—Alluvium (Holocene to upper Pleistocene)





Esri, NASA, NGA, USGS, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census

ArcGIS Web AppBuilder

Released to Imaging on A Released to Imaging o

ATTACHMENT 6

| From: | Dhugal Hanton <vertexresourcegroupusa@gmail.com></vertexresourcegroupusa@gmail.com> |
|----------|---|
| Sent: | September 2, 2022 4:02 PM |
| То: | Enviro, OCD, EMNRD; spills@slo.state.nm.us |
| Cc: | Monica Peppin; agroves@durangomidstream.com |
| Subject: | nAPP2222822822 48 HR Confirmation Sample Notification |

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2222822822 DOR: 8/08/2022 Site Name: ABO-Plant to Coyote 12" Steel Line Receiver HP

This work will be completed on behalf of Frontier Field Services, LLC

On Tuesday, September 6, 2022 through September 9, 2022 at approximately 8:00 a.m., McKitrick Weir will be on site to conduct confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

| From: Sent: | Dhugal Hanton <vertexresourcegroupusa@gmail.com> September 7, 2022 4:25 PM</vertexresourcegroupusa@gmail.com> |
|----------------|---|
| То: | Enviro, OCD, EMNRD; spills@slo.state.nm.us |
| Cc: | agroves@durangomidstream.com; Monica Peppin |
| Subject: | nAPP2222822822 48 HR Confirmatory Sample Notification Coyote Steel Line |

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2222822822 DOR: 8/08/2022 Site Name: ABO-Plant to Coyote 12" Steel Line Receiver HP

This work will be completed on behalf of Frontier Field Services, LLC

On Monday, September 12, 2022 through September 16, 2022 at approximately 8:00 a.m., McKitrick Weir will be on site to conduct confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

| From: Sent: | Dhugal Hanton <vertexresourcegroupusa@gmail.com> September 19, 2022 4:30 PM</vertexresourcegroupusa@gmail.com> |
|----------------|--|
| То: | Enviro, OCD, EMNRD; spills@slo.state.nm.us |
| Cc: | agroves@durangomidstream.com; Monica Peppin |
| Subject: | nAPP2222822822 48 HR Confirmatory Sample Notification Coyote Steel Line |

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2222822822 DOR: 8/08/2022 Site Name: ABO-Plant to Coyote 12" Steel Line Receiver HP

This work will be completed on behalf of Frontier Field Services, LLC

On Thursday, September 22, 2022 through September 23, 2022 at approximately 8:00 a.m., McKitrick Weir will be on site to conduct confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

| From: Sent: | Dhugal Hanton <vertexresourcegroupusa@gmail.com> September 23, 2022 9:38 AM</vertexresourcegroupusa@gmail.com> |
|----------------|--|
| То: | Enviro, OCD, EMNRD; spills@slo.state.nm.us |
| Cc: | Monica Peppin; agroves@durangomidstream.com |
| Subject: | nAPP2222822822 48 HR Confirmatory Notification Coyote Steel Line |

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2222822822 DOR: 8/08/2022 Site Name: ABO-Plant to Coyote 12" Steel Line Receiver HP

This work will be completed on behalf of Frontier Field Services, LLC

On Tuesday, September 27, 2022 through September 30, 2022 at approximately 9:30 a.m., McKitrick Weir will be on site to conduct confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

| From: Sent: | Dhugal Hanton <vertexresourcegroupusa@gmail.com> September 30, 2022 1:54 PM</vertexresourcegroupusa@gmail.com> |
|----------------|--|
| То: | Enviro, OCD, EMNRD; spills@slo.state.nm.us |
| Cc: | Monica Peppin; agroves@durangomidstream.com |
| Subject: | nAPP2222822822 48 HR Confirmatory Notification Coyote Steel Line |

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2222822822 DOR: 8/08/2022 Site Name: ABO-Plant to Coyote 12" Steel Line Receiver HP

This work will be completed on behalf of Frontier Field Services, LLC

On Tuesday, October 4, 2022 through Friday October 7, 2022 at approximately 9:30 a.m., McKitrick Weir will be on site to conduct confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

| From: Sent: | Dhugal Hanton <vertexresourcegroupusa@gmail.com> October 14, 2022 10:00 AM</vertexresourcegroupusa@gmail.com> |
|----------------|---|
| To: | Enviro, OCD, EMNRD; spills@slo.state.nm.us; Monica Peppin; agroves@durangomidstream.com |
| Subject: | nAPP2222822822 48 HR Confirmatory Notification Coyote Steel Line |

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2222822822 DOR: 8/08/2022 Site Name: ABO-Plant to Coyote 12" Steel Line Receiver HP

This work will be completed on behalf of Frontier Field Services, LLC

On Wednesday, October 19, 2022 through October 20, 2022 at approximately 10:00 a.m., Monica Peppin will be on site to conduct additional confirmatory sampling to assess the release listed above. He can be reached at 575-361-9880. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

ATTACHMENT 7





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name:

ABO - Coyote 12"

Work Order: E208160

Job Number: 21080-0001

Received: 8/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/1/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 9/1/22

Michael Moffit 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO - Coyote 12" Workorder: E208160 Date Received: 8/29/2022 10:32:00AM

Michael Moffit,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/29/2022 10:32:00AM, under the Project Name: ABO - Coyote 12".

The analytical test results summarized in this report with the Project Name: ABO - Coyote 12" apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 4 |
| Sample Data | 5 |
| BH22-01 0' | 5 |
| BH22-01 4' | 6 |
| BH22-01 12' | 7 |
| QC Summary Data | 8 |
| QC - Volatile Organic Compounds by EPA 8260B | 8 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 9 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 10 |
| QC - Anions by EPA 300.0/9056A | 11 |
| Definitions and Notes | 12 |
| Chain of Custody etc. | 13 |

| eceived by OCD: 11/8/2022 8:32:26 AM | | | Page 1 | 01 of 377 |
|--------------------------------------|------------------|------------------|----------------|-----------|
| | Sample Sum | mary | | |
| Durango Midstream | Project Name: | ABO - Coyote 12" | Depented | |
| 10077 Grogans Mill Rd Ste 300 | Project Number: | 21080-0001 | Reported: | |
| The Woodlands TX, 77380 | Project Manager: | Michael Moffit | 09/01/22 11:02 | |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH22-01 0' | E208160-01A | Soil | 08/24/22 | 08/29/22 | Glass Jar, 4 oz. |
| BH22-01 4' | E208160-02A | Soil | 08/24/22 | 08/29/22 | Glass Jar, 4 oz. |
| BH22-01 12' | E208160-03A | Soil | 08/24/22 | 08/29/22 | Glass Jar, 4 oz. |



| | ~• | impic D | | | | |
|--|--------------------------------|--------------------|--------|--------------|---|---------------------|
| Durango Midstream | Project Name: | Number: 21080-0001 | | 2" | | D (1 |
| 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Numbe Project Manag | | | | Reported: 9/1/2022 11:02:30AM | |
| The woodands TX, 77500 | Floject Mailag | ei. Mile | | | | 9/1/2022 11:02:30AW |
| |] | BH22-01 0' | | | | |
| | | E208160-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Analyst: IY | | Batch: 2236019 |
| Benzene | ND | 0.0250 | 1 | 08/30/22 | 08/30/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/30/22 | 08/30/22 | |
| Toluene | ND | 0.0250 | 1 | 08/30/22 | 08/30/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/30/22 | 08/30/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/30/22 | 08/30/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/30/22 | 08/30/22 | |
| Surrogate: Bromofluorobenzene | | 104 % | 70-130 | 08/30/22 | 08/30/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.5 % | 70-130 | 08/30/22 | 08/30/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | 08/30/22 | 08/30/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | A | Analyst: IY | | Batch: 2236019 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/30/22 | 08/30/22 | |
| Surrogate: Bromofluorobenzene | | 104 % | 70-130 | 08/30/22 | 08/30/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.5 % | 70-130 | 08/30/22 | 08/30/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | 08/30/22 | 08/30/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | Analyst: JL | | Batch: 2236022 |
| Diesel Range Organics (C10-C28) | 91.6 | 50.0 | 2 | 08/30/22 | 08/30/22 | |
| Oil Range Organics (C28-C36) | 118 | 100 | 2 | 08/30/22 | 08/30/22 | |
| Surrogate: n-Nonane | | 96.4 % | 50-200 | 08/30/22 | 08/30/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: RAS | | Batch: 2236011 |
| Chloride | 503 | 20.0 | 1 | 08/29/22 | 08/30/22 | |





| Sample Data | |
|-------------|--|
|-------------|--|

| | 5 | ample D | ala | | | | | |
|---|---------------------------------|------------|-------------------------------------|-----------|----------|----------|---------------------|--|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name: Project Number | er: 2108 | D - Coyote 30-0001 hael Moffi | Reported: | | | | |
| The woodiands TX, 77580 | Project Manag | ger: Mile | | l | | | 9/1/2022 11:02:30AM | |
| | | BH22-01 4' | | | | | | |
| | | E208160-02 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2236019 | |
| Benzene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| Toluene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| p-Xylene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| o,m-Xylene | ND | 0.0500 | | 1 | 08/30/22 | 08/30/22 | | |
| Total Xylenes | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.3 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2236019 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 08/30/22 | 08/30/22 | | |
| Surrogate: Bromofluorobenzene | | 102 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.3 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2236022 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 08/30/22 | 08/30/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 08/30/22 | 08/30/22 | | |
| Surrogate: n-Nonane | | 91.4 % | 50-200 | | 08/30/22 | 08/30/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2236011 | |
| Chloride | 244 | 20.0 | | 1 | 08/29/22 | 08/30/22 | | |



Sample Data

| | 50 | imple D | ala | | | | | |
|--|--------------------------------|-------------------|-----------------------|------------------|----------|----------|---------------------|--|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | Project Name: Project Numbe | r: 2108 | D - Coyote 30-0001 | Reported: | | | | |
| The Woodlands TX, 77380 | Project Manag | er: Mic | hael Moffi | ı | | | 9/1/2022 11:02:30AM | |
| | В | H22-01 12' | | | | | | |
| |] | E208160-03 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg Analyst: IY | | | IY | | Batch: 2236019 | |
| Benzene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| Toluene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| p-Xylene | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| o,m-Xylene | ND | 0.0500 | | 1 | 08/30/22 | 08/30/22 | | |
| Total Xylenes | ND | 0.0250 | | 1 | 08/30/22 | 08/30/22 | | |
| Surrogate: Bromofluorobenzene | | 99.5 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.1 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | IY | | Batch: 2236019 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 08/30/22 | 08/30/22 | | |
| Surrogate: Bromofluorobenzene | | 99.5 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.1 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 08/30/22 | 08/30/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2236022 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 08/30/22 | 08/30/22 | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 08/30/22 | 08/30/22 | | |
| Surrogate: n-Nonane | | 95.9 % | 50-200 | | 08/30/22 | 08/30/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: RAS | | | Batch: 2236011 | |
| Chloride | 275 | 20.0 | | 1 | 08/29/22 | 08/30/22 | | |



QC Summary Data

| | | QC D | umma | ii y Data | | | | | |
|---|--------|--|----------------|--|-------|---------------|--------------|--------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 21 | BO - Coyote 12' 080-0001 ichael Moffit | T | | | | Reported: 9/1/2022 11:02:30AM |
| · | v | olatile Organic | Compo | unds by EPA | 8260F | 2 | | | Aughert IV |
| | • | | compo | | 02001 | , | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2236019-BLK1) | | | | | | | Prepared: 08 | 8/30/22 Ai | nalyzed: 08/30/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.489 | | 0.500 | | 97.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.514 | | 0.500 | | 103 | 70-130 | | | |
| LCS (2236019-BS1) | | | | | | | Prepared: 08 | 8/30/22 Ai | nalyzed: 08/30/22 |
| Benzene | 2.42 | 0.0250 | 2.50 | | 96.8 | 70-130 | | | |
| Ethylbenzene | 2.35 | 0.0250 | 2.50 | | 94.2 | 70-130 | | | |
| Toluene | 2.29 | 0.0250 | 2.50 | | 91.4 | 70-130 | | | |
| p-Xylene | 2.20 | 0.0250 | 2.50 | | 87.9 | 70-130 | | | |
| p,m-Xylene | 4.37 | 0.0500 | 5.00 | | 87.3 | 70-130 | | | |
| Total Xylenes | 6.57 | 0.0250 | 7.50 | | 87.5 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.516 | | 0.500 | | 103 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487 | | 0.500 | | 97.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.514 | | 0.500 | | 103 | 70-130 | | | |
| LCS Dup (2236019-BSD1) | | | | | | | Prepared: 08 | 8/30/22 Ai | nalyzed: 08/30/22 |
| Benzene | 2.34 | 0.0250 | 2.50 | | 93.4 | 70-130 | 3.49 | 23 | |
| Ethylbenzene | 2.27 | 0.0250 | 2.50 | | 90.8 | 70-130 | 3.70 | 27 | |
| Toluene | 2.22 | 0.0250 | 2.50 | | 88.7 | 70-130 | 3.07 | 24 | |
| p-Xylene | 2.14 | 0.0250 | 2.50 | | 85.5 | 70-130 | 2.81 | 27 | |
| p,m-Xylene | 4.19 | 0.0500 | 5.00 | | 83.9 | 70-130 | 4.08 | 27 | |
| Total Xylenes | 6.33 | 0.0250 | 7.50 | | 84.4 | 70-130 | 3.65 | 27 | |
| | 0.408 | | 0.500 | | 99.6 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.498 | | | | | | | | |
| Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 | 0.498 | | 0.500 | | 96.3 | 70-130 | | | |



QC Summary Data

| | | QC D | uIIIII | ary Data | | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 2 | ABO - Coyote 12 21080-0001 Michael Moffit | " | | | | Reported: 9/1/2022 11:02:30AM |
| | No | nhalogenated C | Organics | by EPA 8015 | 5D - G | RO | | | Analyst: IY |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2236019-BLK1) | | | | | | | Prepared: 0 | 8/30/22 A | nalyzed: 08/30/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.489 | | 0.500 | | 97.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.514 | | 0.500 | | 103 | 70-130 | | | |
| LCS (2236019-BS2) | | | | | | | Prepared: 0 | 8/30/22 A | nalyzed: 08/30/22 |
| Gasoline Range Organics (C6-C10) | 53.9 | 20.0 | 50.0 | | 108 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.500 | | 0.500 | | 99.9 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495 | | 0.500 | | 98.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.514 | | 0.500 | | 103 | 70-130 | | | |
| LCS Dup (2236019-BSD2) | | | | | | | Prepared: 0 | 8/30/22 A | nalyzed: 08/30/22 |
| Gasoline Range Organics (C6-C10) | 53.3 | 20.0 | 50.0 | | 107 | 70-130 | 1.17 | 20 | |
| Surrogate: Bromofluorobenzene | 0.506 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.504 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.530 | | 0.500 | | 106 | 70-130 | | | |
| | | | | | | | | | |



QC Summary Data

| | | QC D | u 111111 | ary Data | | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | | ABO - Coyote 12 21080-0001 Michael Moffit | " | | | | Reported: 9/1/2022 11:02:30AM |
| | Nonh | alogenated Org | anics by | y EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2236022-BLK1) | | | | | | | Prepared: 0 | 8/30/22 A | Analyzed: 08/30/22 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 46.4 | | 50.0 | | 92.9 | 50-200 | | | |
| LCS (2236022-BS1) | | | | | | | Prepared: 0 | 8/30/22 A | Analyzed: 08/30/22 |
| Diesel Range Organics (C10-C28) | 240 | 25.0 | 250 | | 95.8 | 38-132 | | | |
| Surrogate: n-Nonane | 47.7 | | 50.0 | | 95.4 | 50-200 | | | |
| Matrix Spike (2236022-MS1) | | | | Source: E | 208160- | 01 | Prepared: 0 | 8/30/22 A | Analyzed: 08/30/22 |
| Diesel Range Organics (C10-C28) | 285 | 25.0 | 250 | 91.6 | 77.5 | 38-132 | | | |
| Surrogate: n-Nonane | 46.2 | | 50.0 | | 92.4 | 50-200 | | | |
| Matrix Spike Dup (2236022-MSD1) | | | | Source: E | 208160- | 01 | Prepared: 0 | 8/30/22 A | Analyzed: 08/30/22 |
| Diesel Range Organics (C10-C28) | 299 | 25.0 | 250 | 91.6 | 83.0 | 38-132 | 4.77 | 20 | |
| Surrogate: n-Nonane | 48.2 | | 50.0 | | 96.5 | 50-200 | | | |



QC Summary Data

| | | • | | v | | | | | |
|--|--------|----------------------------------|----------------|----------------------------|----------|---------------|-------------|--------------|---------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | | Project Name: Project Number: | | BO - Coyote 1 1080-0001 | 2" | | | | Reported: |
| The Woodlands TX, 77380 | | Project Manager: | | lichael Moffit | | | | | 9/1/2022 11:02:30AM |
| | | Anions | by EPA | 300.0/9056A | \ | | | | Analyst: RAS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2236011-BLK1) | | | | | | | Prepared: 0 | 8/29/22 A | analyzed: 08/29/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2236011-BS1) | | | | | | | Prepared: 0 | 8/29/22 A | analyzed: 08/29/22 |
| Chloride | 245 | 20.0 | 250 | | 97.8 | 90-110 | | | |
| LCS Dup (2236011-BSD1) | | | | | | | Prepared: 0 | 8/29/22 A | analyzed: 08/29/22 |
| Chloride | 244 | 20.0 | 250 | | 97.7 | 90-110 | 0.121 | 20 | |
| | | | | | | | | | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.


| Durango Midstream | Project Name: | ABO - Coyote 12" | |
|-------------------------------|------------------|------------------|----------------|
| 10077 Grogans Mill Rd Ste 300 | Project Number: | 21080-0001 | Reported: |
| The Woodlands TX, 77380 | Project Manager: | Michael Moffit | 09/01/22 11:02 |

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| R | |
|-----|---------------------|
| ele | Project Information |
| as | roject mornation |
| ea | |

| | 1 | |
|------|----------|----|
| Page | <u> </u> | of |

| ient: Durango | Bill To | | | | ab Us | se Onl | ly | | | | TA | | | ogram |
|--|--|--|---------------------|--|--------------------------|-------------|------------------|--------------|-------|-------|--------|----------------------|--------------|------------|
| oject: ABG-Coyote 12" | Attention: Address: On File | | Lab W |)# \$3.117 | 5 | Job N | 10,000 10,000 | \mathbf{M} | 1D | 2D | 3D | Standard | CWA | SDWA |
| oject Manager: M. Maffit | Address: ON トービー City, State, Zip | | For | alu | $\overline{\mathcal{O}}$ | Analys | sis and M | ethod | | | l | $\widehat{}$ | | RCRA |
| ty, State, Zip | Phone: | | <u>≧</u> | | | ΤÍ | | | | T | | | | |
| none: ON File | Email: | |)ORO | | | | | | | | | | State | |
| nail: eport due by: | | | DRO, | 8021 | 560 | 9 | 300.0 | | MN | ۲ | | NM CO | UT AZ | TX |
| | | Lab | TPH GRO/DRO/ORO by | <u>ک</u> | VOC by 8260 | Metals 6010 | Chloride | | - 1 | | | l | | |
| ampled Sampled Matrix No. of Containers Sample ID | | Number | HdI | 8015 BTEX | <u>Š</u> | Ĕ | <u></u> | | BGDOC | BGDOC | | | Remarks | |
| 0:10 8-24-22 Soil 1 BH22-01 | ٥' | | U | $\langle \rangle$ | | | v | | | | | | | |
| 0:20 8-24-22 Soil 1 BH22-01 | L) ' | 2 | | 1 | | | , | | | | | | | |
| | | 3 | + 1 | | | | 11- | | | | | | | |
| 0:45 8-24-225071 1 BH22 - 01 | 12' | 10 | ` | _ <u> </u> | | | <u> </u> | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | \downarrow | | ļ | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | _ | <u> </u> | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 1 | | | | | | | | | |
| | | | | | <u> </u> | | | | | | | | | |
| | | | | | | | | | | | | | | |
| dditional Instructions: | 1 0 0 | | | | .1 | II. | | | | I | | | | |
| LC: Mich | uel Moffit | | | | | Ic | 417 | | | | | ived on ice the day | | .4 . |
| field sampler), attest to the validity and authenticity of this sample. te or time of collection is considered fraud and may be grounds for i | I am aware that tampering with or intentionally mislal legal action. | belling the same $\mathcal{V}_{\mathcal{F}}$ | ier | on, | | | | | | | | s than 6 °C on subse | | ea ar |
| limguished by: (Signature) Date Time | Received by stratyce) | 0240 727 | | for a | /1 | | | | ها | h Use | e Only | / | | |
| Hm. Raball 9/26/22 91 | 6 XVIII | 800 | \mathcal{A} | <u> V.00</u> | | Recei | ived on i | ce: | Ľ | // N | | | | |
| lind (in body by: (Signature) Date Time | Received by Openature | 8/29/ | 72 1 | 02 | 52 | T1 | | | Т2 | | | <u>T3</u> | | |
| linquished by: (Signature) Date Time | Received by: (Signature) | Date | Tin | ne | | <u></u> | | - · · | , | | | . <u>13</u> | <u>-</u> | |
| | | | | | | AVG | Temp °C | 4 | | | | | | |
| mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | Containe | | | | | | | | | | ha 4000-6 f +! | | 6 bb - |
| te: Samples are discarded 30 days after results are reported nove samples is applicable only to those samples received by | | | | | | | | | | exper | ise. I | he report for th | e analysis c | f the |
| <u></u> | | ······ | | | | 1 | - ر. | | | _ | | | | |
| | _ | | | | | (| 3 | | E | 2 | יר | vir | O 1 | : e |
| | P | age 13 c | \f 1/ | | | ~ | | | | | | | | |

Envirotech Analytical Laboratory

| Client: | Durango Midstream | Date Received: | 08/29/22 | 10:32 | | Work Order ID: | E208160 |
|------------|--|------------------|----------|-----------------|---------------|----------------|-------------------|
| Phone: | (575) 676-3500 | Date Logged In: | 08/29/22 | 11:01 | | Logged In By: | Caitlin Christian |
| Email: | mmoffit@vertex.ca | Due Date: | 09/02/22 | 17:00 (4 day TA | T) | | |
| Chain of | Custody (COC) | | | | | | |
| . Does t | he sample ID match the COC? | | Yes | | | | |
| 2. Does t | he number of samples per sampling site location mate | ch the COC | Yes | | | | |
| 3. Were s | amples dropped off by client or carrier? | | Yes | Carrier | r: <u>UPS</u> | | |
| 4. Was th | e COC complete, i.e., signatures, dates/times, request | ed analyses? | Yes | | | | |
| 5. Were a | Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion | | Yes | | | Commen | ts/Resolution |
| Sample] | Furn Around Time (TAT) | | | | | | |
| | e COC indicate standard TAT, or Expedited TAT? | | Yes | | | | |
| Sample (| Cooler | | | | | | |
| 7. Was a | sample cooler received? | | Yes | | | | |
| 8. If yes, | was cooler received in good condition? | | Yes | | | | |
|). Was th | e sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 0. Were | custody/security seals present? | | No | | | | |
| 1. If yes | , were custody/security seals intact? | | NA | | | | |
| | he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to | received w/i 15 | Yes | | | | |
| | Container | I I I I I | | | | | |
| | queous VOC samples present? | | No | | | | |
| | OC samples collected in VOA Vials? | | NA | | | | |
| | head space less than 6-8 mm (pea sized or less)? | | NA | | | | |
| 7. Was a | a trip blank (TB) included for VOC analyses? | | NA | | | | |
| 8. Are n | on-VOC samples collected in the correct containers? | | Yes | | | | |
| 9. Is the | appropriate volume/weight or number of sample contained | ers collected? | Yes | | | | |
| Field La | <u>bel</u> | | | | | | |
| | field sample labels filled out with the minimum infor | mation: | | | | | |
| | ample ID? | | Yes | | | | |
| | Date/Time Collected? Collectors name? | | Yes | | | | |
| | Preservation | | No | | | | |
| - | the COC or field labels indicate the samples were pro- | eserved? | No | | | | |
| | ample(s) correctly preserved? | | NA | | | | |
| | filteration required and/or requested for dissolved me | etals? | No | | | | |
| | ase Sample Matrix | | | | | | |
| | the sample have more than one phase, i.e., multiphas | e? | No | | | | |
| | , does the COC specify which phase(s) is to be analyz | | NA | | | | |
| - | ract Laboratory | | | | | | |
| | amples required to get sent to a subcontract laborator | v? | No | | | | |
| | ampres required to get sent to a subcontract laborator, | <i>,</i> . | 110 | | | | |

Signature of client authorizing changes to the COC or sample disposition.







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name:

ABO - Coyote 12"

Work Order: E209045

Job Number: 21080-0001

Received: 9/12/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/16/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 9/16/22

Michael Moffit 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO - Coyote 12" Workorder: E209045 Date Received: 9/12/2022 8:50:00AM

Michael Moffit,



Page 113 of 377

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/12/2022 8:50:00AM, under the Project Name: ABO - Coyote 12".

The analytical test results summarized in this report with the Project Name: ABO - Coyote 12" apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 4 |
| Sample Data | 5 |
| WS22-01 4-8' | 5 |
| WS22-02 0-4' | 6 |
| WS22-02 4-8' | 7 |
| BS22-01 8' | 8 |
| BS22-02 8' | 9 |
| BS22-03 0.5' | 10 |
| BS22-04 2' | 11 |
| BS22-05 2' | 12 |
| BS22-06 2' | 13 |
| WS22-03 0-4' | 14 |
| WS22-03 4-8' | 15 |
| WS22-04 0-4' | 16 |
| WS22-04 4-8' | 17 |
| QC Summary Data | 18 |
| QC - Volatile Organic Compounds by EPA 8260B | 18 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 19 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 20 |
| QC - Anions by EPA 300.0/9056A | 21 |
| Definitions and Notes | 22 |
| Chain of Custody etc. | 23 |

Sample Summary

| | | Sample Sum | mary | | |
|--|---------------|-------------------------------------|------------------|----------|------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | | Project Name: | ABO - Coyote 12" | | Reported: |
| The Woodlands TX, 77380 | | Project Number: Project Manager: | | | 09/16/22 13:54 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| VS22-01 4-8' | E209045-01A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| VS22-02 0-4' | E209045-02A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| VS22-02 4-8' | E209045-03A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| S22-01 8' | E209045-04A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| S22-02 8' | E209045-05A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| 822-03 0.5' | E209045-06A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| S22-04 2' | E209045-07A | Soil | 09/07/22 | 09/12/22 | Glass Jar, 4 oz. |
| S22-05 2' | E209045-08A | Soil | 09/07/22 | 09/12/22 | Glass Jar, 4 oz. |
| S22-06 2' | E209045-09A | Soil | 09/07/22 | 09/12/22 | Glass Jar, 4 oz. |
| /S22-03 0-4' | E209045-10A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| 'S22-03 4-8' | E209045-11A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| /S22-04 0-4' | E209045-12A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| 'S22-04 4-8' | E209045-13A | Soil | 09/06/22 | 09/12/22 | Glass Jar, 4 oz. |
| | | | | | |



| | | mpic D | | | | | |
|--|--------------------------------|--------------|-------------------------|------------|----------|----------|---------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | Project Name: Project Numbe | | D - Coyote 1 30-0001 | 12" | | | Reported: |
| The Woodlands TX, 77380 | Project Manag | | hael Moffit | | | | 9/16/2022 1:54:01PM |
| | W | /S22-01 4-8' | | | | | |
| | | E209045-01 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | tion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: I | Y | | Batch: 2238010 |
| Benzene | ND | 0.0250 | 1 | l | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | l | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | 1 | l | 09/12/22 | 09/13/22 | |
| p-Xylene | ND | 0.0250 | 1 | l | 09/12/22 | 09/13/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | l | 09/12/22 | 09/13/22 | |
| Total Xylenes | ND | 0.0250 | 1 | l | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 96.4 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.7 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | - | Analyst: I | Y | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | l | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 96.4 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.7 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: J | L | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | L | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | l | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 93.4 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: I | RAS | | Batch: 2238028 |
| Chloride | 85.4 | 20.0 | 1 | l | 09/13/22 | 09/15/22 | |

Sample Data



| Sample | Data |
|--------|-------------|
|--------|-------------|

| | 3 | ample D | ลเล | | | | |
|---|---|--------------|-------------------------------------|----------|----------|----------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name Project Numb Project Manag | per: 2108 | D - Coyote 30-0001 hael Moffi | | | | Reported: 9/16/2022 1:54:01PM |
| | 1 | WS22-02 0-4' | | | | | |
| | | E209045-02 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 94.4 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 94.4 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 91.8 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2238028 |
| Chloride | 347 | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Samp | le Data |
|-------|---------|
| ~ ump | ic Data |

| | 58 | ample D | ลเล | | | | |
|---|---|--------------|-------------------------------------|----------|----------|----------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name: Project Numbe Project Manag | er: 2108 | D - Coyote 30-0001 hael Moffi | | | | Reported: 9/16/2022 1:54:01PM |
| | v | VS22-02 4-8' | | | | | |
| | | E209045-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 96.3 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 89.7 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 96.3 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 89.7 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : JL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 86.4 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | : RAS | | Batch: 2238028 |
| Chloride | ND | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Sample Data | |
|-------------|--|
|-------------|--|

| | 25 | imple D | ala | | | | |
|--|--------------------------------|------------|-----------------------|----------|----------|----------|---------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | Project Name: Project Numbe | r: 2108 |) - Coyote 30-0001 | | | | Reported: |
| The Woodlands TX, 77380 | Project Manag | er: Mıc | nael Moffi | ıt | | | 9/16/2022 1:54:01PM |
| |] | BS22-01 8' | | | | | |
| |] | E209045-04 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 96.2 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.5 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 96.2 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.5 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : ЛL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | 31.7 | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 97.9 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2238028 |
| Chloride | 302 | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Sample Data | Sampl | le Data | |
|-------------|-------|---------|--|
|-------------|-------|---------|--|

| | Di | ample D | ลเล | | | | |
|--|---------------|------------|------------|----------|----------|----------|---------------------|
| Durango Midstream | Project Name: | |) - Coyote | :12" | | | |
| 10077 Grogans Mill Rd Ste 300 | Project Numbe | | 30-0001 | | | | Reported: |
| The Woodlands TX, 77380 | Project Manag | er: Mic | hael Moffi | t | | | 9/16/2022 1:54:01PM |
| | | BS22-02 8' | | | | | |
| | | E209045-05 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 98.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 91.9 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 98.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 91.9 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | JL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 90.9 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2238028 |
| Chloride | 415 | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Samp | ole Data | |
|------|----------|--|
| Samp | ne Data | |

| | Di | ample D | ala | | | | |
|--|--------------------------------|--------------|------------|----------|----------|----------|---------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | Project Name: Project Numbe | | D - Coyote | 12" | | | Reported: |
| The Woodlands TX, 77380 | Project Manag | 5 | | | | | 9/16/2022 1:54:01PM |
| | , , | | | c. | | | |
| | E | BS22-03 0.5' | | | | | |
| | | E209045-06 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 97.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 89.5 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 97.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 89.5 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : ЛL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 100 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2238028 |
| Chloride | 116 | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Sample Data |
|-------------|
|-------------|

| | | Sample D | ลเล | | | | |
|---|---|------------|-------------------------------------|---------|----------|----------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name Project Num Project Mana | ber: 2108 | D - Coyote 80-0001 hael Moffi | | | | Reported: 9/16/2022 1:54:01PM |
| | | BS22-04 2' | | | | | |
| | | E209045-07 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| oluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| -Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| ,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.5 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.5 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : ЛL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 90.2 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2238028 |
| Chloride | 133 | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Sam | ole Dat | a |
|-----|----------|---|
| Sam | JIC D'at | a |

| | 5 | ample D | ala | | | | |
|--|------------------------------|------------|-----------------------|----------|----------|----------|---------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | Project Name Project Numb | |) - Coyote 80-0001 | 12" | | | Reported: |
| The Woodlands TX, 77380 | Project Manag | ger: Micl | nael Moffit | t | | | 9/16/2022 1:54:01PM |
| | | BS22-05 2' | | | | | |
| | | E209045-08 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.0 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 94.8 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2238028 |
| Chloride | 54.3 | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Samp | ole Data | |
|------|----------|--|
| Samp | ne Data | |

| | 5 | ample D | ala | | | | |
|--|--------------|------------|------------|----------|----------|----------|---------------------|
| Durango Midstream | Project Name | | D - Coyote | 12" | | | N |
| 10077 Grogans Mill Rd Ste 300 | Project Numb | | 30-0001 | | | | Reported: |
| The Woodlands TX, 77380 | Project Mana | ger: Mic | hael Moffi | t | | | 9/16/2022 1:54:01PM |
| | | BS22-06 2' | | | | | |
| | | E209045-09 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/13/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 100 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.3 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/13/22 | |
| Surrogate: Bromofluorobenzene | | 100 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.3 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/13/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2238016 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 90.1 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2238028 |
| Chloride | 195 | 20.0 | | 1 | 09/13/22 | 09/15/22 | |



| Sampic Data | Sampl | le Dat | ta |
|-------------|-------|--------|----|
|-------------|-------|--------|----|

| Sample Data | | | | | | | | | | |
|---|---|-------------------------|-----------------------|--------------|----------|---|---------------------|--|--|--|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name: Project Numbe Project Manag | er: 2108 | D - Coyote 30-0001 | | | Reported: 9/16/2022 1:54:01PM | | | | |
| The woodiands TX, 7/580 | Project Manag | er. Mic | Michael Moffit | | | | 9/10/2022 1.54.01FW | | | |
| | W | VS22-03 0-4' | | | | | | | | |
| | - | E209045-10 | | | | | | | | |
| | | Reporting | | | | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg mg/kg Analyst: IY | | | | | Batch: 2238010 | | | |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| p-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Total Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Surrogate: Bromofluorobenzene | | 99.4 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.8 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | y/kg Analyst | | : IY | Batch: 2238010 | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Surrogate: Bromofluorobenzene | | 99.4 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.8 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : JL | | Batch: 2238016 | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Surrogate: n-Nonane | | 96.5 % | 50-200 | | 09/12/22 | 09/14/22 | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: RAS | | | Batch: 2238028 | | | |
| Chloride | 155 | 20.0 | | 1 | 09/13/22 | 09/15/22 | | | | |



| Sample Data | |
|-------------|--|
|-------------|--|

| Sample Data | | | | | | | | | |
|---|---|--------------|-------------------------------------|--------------|----------------|----------|---|--|--|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name: Project Numbe Project Manag | er: 2108 |) - Coyote 80-0001 nael Moffi | | | | Reported: 9/16/2022 1:54:01PM | | |
| | | vs22-03 4-8' | | | | | | | |
| | | E209045-11 | | | | | | | |
| | | Reporting | | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | Batch: 2238010 | | | | |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/14/22 | | | |
| Total Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | |
| Surrogate: Bromofluorobenzene | | 97.8 % | 70-130 | | 09/12/22 | 09/14/22 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.0 % | 70-130 | | 09/12/22 | 09/14/22 | | | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/14/22 | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2238010 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/14/22 | | | |
| Surrogate: Bromofluorobenzene | | 97.8 % | 70-130 | | 09/12/22 | 09/14/22 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.0 % | 70-130 | | 09/12/22 | 09/14/22 | | | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/14/22 | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | JL | | Batch: 2238016 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | | | |
| Surrogate: n-Nonane | | 85.7 % | 50-200 | | 09/12/22 | 09/14/22 | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: RAS | | | Batch: 2238028 | | |
| Chloride | 2100 | 40.0 | | 2 | 09/13/22 | 09/15/22 | | | |



| Sample Data | | | | | | | | | | |
|--|-------------|--------------|---------------|-------------|-----------|---------------------|--|--|--|--|
| Durango Midstream | Project Nam | e: ABO | D - Coyote 12 | 2" | | | | | | |
| 10077 Grogans Mill Rd Ste 300 | Project Num | ber: 2108 | 80-0001 | | Reported: | | | | | |
| The Woodlands TX, 77380 | Project Man | ager: Mic | hael Moffit | | | 9/16/2022 1:54:01PM | | | | |
| | | WS22-04 0-4' | | | | | | | | |
| | | E209045-12 | | | | | | | | |
| | | Reporting | | | | | | | | |
| Analyte | Result | Limit | Diluti | on Prepared | Analyzed | Notes | | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | А | nalyst: IY | | Batch: 2238010 | | | | |
| Benzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | | | | |
| Toluene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | | | | |
| p-Xylene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | | | | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/12/22 | 09/14/22 | | | | | |
| Total Xylenes | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | | | | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | 09/12/22 | 09/14/22 | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.9 % | 70-130 | 09/12/22 | 09/14/22 | | | | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 09/12/22 | 09/14/22 | | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | nalyst: IY | | Batch: 2238010 | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/12/22 | 09/14/22 | | | | | |
| Surrogate: Bromofluorobenzene | | 103 % | 70-130 | 09/12/22 | 09/14/22 | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.9 % | 70-130 | 09/12/22 | 09/14/22 | | | | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 09/12/22 | 09/14/22 | | | | | |
| Nonhalogenated Organics by FPA 8015D - DRO/ORO | mg/kg | mg/kg | А | nalyst: JL | | Batch: 2238016 | | | | |

| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2238016 |
|--|-------|--------|--------|----------|----------|----------|----------------|
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 1 | 09/12/22 | 09/14/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 94.9 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2238028 |
| Chloride | 126 | 20.0 | 1 | 1 | 09/13/22 | 09/15/22 | |



| Sample Data | |
|-------------|--|
|-------------|--|

| Sample Data | | | | | | | | | | |
|---|---|------------|-------------------------------------|---|----------|----------|----------------|--|--|--|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name: Project Numbe Project Manag | er: 2108 | D - Coyote 30-0001 hael Moffi | Reported: 9/16/2022 1:54:01PM | | | | | | |
| WS22-04 4-8' | | | | | | | | | | |
| | | E209045-13 | | | | | | | | |
| | | Reporting | | | | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | /kg Analyst: IY | | | | Batch: 2238010 | | | |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| oluene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| ,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Total Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Surrogate: Bromofluorobenzene | | 98.2 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.8 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| urrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2238010 | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/14/22 | | | | |
| Surrogate: Bromofluorobenzene | | 98.2 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.8 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 09/12/22 | 09/14/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : JL | | Batch: 2238016 | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/15/22 | | | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/15/22 | | | | |
| Surrogate: n-Nonane | | 98.2 % | 50-200 | | 09/12/22 | 09/15/22 | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: RAS | | | Batch: 2238028 | | | |
| Chloride | ND | 20.0 | | 1 | 09/13/22 | 09/15/22 | | | | |



QC Summary Data

| | | <u> </u> | | ii y Data | - | | | | | |
|---|--------------|--|----------------|---|-------------------|---------------|-------------|--------------|--------------------------------------|--|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 21 | BO - Coyote 12 080-0001 ichael Moffit | 2" | | | 9/1 | Reported: 6/2022 1:54:01PM | |
| | | Volatile Organic | Compo | unds by EP | A 82601 | B | Analyst: IY | | | |
| | | | | - | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | |
| Blank (2238010-BLK1) | | | | | | | Prepared: 0 | 9/12/22 Anal | yzed: 09/13/22 | |
| Benzene | ND | 0.0250 | | | | | | | - | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | |
| | | 0.0250 | 0.500 | | 99.3 | 70-130 | | | | |
| Surrogate: Bromofluorobenzene | 0.497 | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.453 | | 0.500 | | 90.6 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.533 | | 0.500 | | 107 | 70-130 | | | | |
| LCS (2238010-BS1) | | | | | | | Prepared: 0 | 9/12/22 Anal | yzed: 09/13/22 | |
| Benzene | 1.85 | 0.0250 | 2.50 | | 74.1 | 70-130 | | | | |
| Ethylbenzene | 2.03 | 0.0250 | 2.50 | | 81.3 | 70-130 | | | | |
| Toluene | 1.86 | 0.0250 | 2.50 | | 74.3 | 70-130 | | | | |
| o-Xylene | 1.88 | 0.0250 | 2.50 | | 75.3 | 70-130 | | | | |
| p,m-Xylene | 3.75 | 0.0500 | 5.00 | | 75.1 | 70-130 | | | | |
| Total Xylenes | 5.64 | 0.0250 | 7.50 | | 75.2 | 70-130 | | | | |
| Surrogate: Bromofluorobenzene | 0.492 | | 0.500 | | 98.3 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.461 | | 0.500 | | 92.2 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroeinane-a4 Surrogate: Toluene-d8 | 0.401 | | 0.500 | | 100 | 70-130 | | | | |
| Matrix Spike (2238010-MS1) | | | | Source: I | E 209045 - | 06 | Prepared: 0 | 9/12/22 Anal | yzed: 09/13/22 | |
| Benzene | 2.13 | 0.0250 | 2.50 | ND | 85.2 | 48-131 | 1 | | <u> </u> | |
| Ethylbenzene | 2.25 | 0.0250 | 2.50 | ND | 89.8 | 45-135 | | | | |
| Toluene | 2.23 | 0.0250 | 2.50 | ND | 87.0 | 48-130 | | | | |
| | 2.09 | | 2.50 | ND | 83.6 | 43-130 | | | | |
| o-Xylene | 4.15 | 0.0250 | 5.00 | ND | 82.9 | 43-135 | | | | |
| p,m-Xylene | 4.15 6.24 | 0.0500 | 5.00 7.50 | ND ND | 82.9 | 43-135 | | | | |
| Total Xylenes | | 0.0250 | | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.498 | | 0.500 | | 99.6 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.470 | | 0.500 | | 94.0 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.530 | | 0.500 | | 106 | 70-130 | | | | |
| Matrix Spike Dup (2238010-MSD1) | | | | Source: I | E 209045 - | 06 | Prepared: 0 | 9/12/22 Anal | yzed: 09/13/22 | |
| Benzene | 1.87 | 0.0250 | 2.50 | ND | 74.9 | 48-131 | 12.8 | 23 | | |
| Ethylbenzene | 1.99 | 0.0250 | 2.50 | ND | 79.5 | 45-135 | 12.2 | 27 | | |
| Toluene | 1.92 | 0.0250 | 2.50 | ND | 76.7 | 48-130 | 12.5 | 24 | | |
| o-Xylene | 1.86 | 0.0250 | 2.50 | ND | 74.2 | 43-135 | 11.9 | 27 | | |
| p,m-Xylene | 3.69 | 0.0500 | 5.00 | ND | 73.8 | 43-135 | 11.7 | 27 | | |
| Total Xylenes | 5.54 | 0.0250 | 7.50 | ND | 73.9 | 43-135 | 11.8 | 27 | | |
| Surrogate: Bromofluorobenzene | 0.509 | | 0.500 | | 102 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.479 | | 0.500 | | 95.7 | 70-130 | | | | |
| | | | | | | | | | | |
| Surrogate: Toluene-d8 | 0.530 | | 0.500 | | 106 | 70-130 | | | | |



QC Summary Data

| | | $\mathbf{t} \circ \sim \mathbf{t}$ | | ary Data | | | | | |
|---|-------------|--|----------------|---|----------|---------------|-------------|--------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 2 | ABO - Coyote 12 21080-0001 Michael Moffit | 2" | | | | Reported: 9/16/2022 1:54:01PM |
| | Analyst: IY | | | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2238010-BLK1) | | | | | | | Prepared: 0 | 9/12/22 | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.497 | | 0.500 | | 99.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.453 | | 0.500 | | 90.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.533 | | 0.500 | | 107 | 70-130 | | | |
| LCS (2238010-BS2) | | | | | | | Prepared: 0 | 9/12/22 | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | 53.7 | 20.0 | 50.0 | | 107 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.487 | | 0.500 | | 97.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.475 | | 0.500 | | 95.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.566 | | 0.500 | | 113 | 70-130 | | | |
| Matrix Spike (2238010-MS2) | | | | Source: E | 209045-0 | 06 | Prepared: 0 | 9/12/22 | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | 49.8 | 20.0 | 50.0 | ND | 99.7 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.504 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.467 | | 0.500 | | 93.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.542 | | 0.500 | | 108 | 70-130 | | | |
| Matrix Spike Dup (2238010-MSD2) | | | | Source: E | 209045-0 | 06 | Prepared: 0 | 9/12/22 | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | 49.6 | 20.0 | 50.0 | ND | 99.2 | 70-130 | 0.425 | 20 | |
| Surrogate: Bromofluorobenzene | 0.496 | | 0.500 | | 99.2 | 70-130 | | | |
| | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.466 | | 0.500 | | 93.1 | 70-130 | | | |



QC Summary Data

| | | QC DI | u 111 111 | aly Data | | | | | |
|---|-----------------|--|-------------------------|--|----------|--------------------|-------------|-------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 2 | ABO - Coyote 12' 21080-0001 Michael Moffit | " | | | | Reported: 9/16/2022 1:54:01PM |
| | Nonh | alogenated Org | anics by | y EPA 8015D · | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2238016-BLK1) | | | | | | | Prepared: 0 | 9/12/22 A | Analyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.2 | | 50.0 | | 102 | 50-200 | | | |
| LCS (2238016-BS1) | | | | | | | Prepared: 0 | 9/12/22 A | Analyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) | 257 | 25.0 | 250 | | 103 | 38-132 | | | |
| Surrogate: n-Nonane | 44.8 | | 50.0 | | 89.6 | 50-200 | | | |
| Matrix Spike (2238016-MS1) | | | | Source: E | 209045- | 06 | Prepared: 0 | 9/12/22 A | Analyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) | 270 | 25.0 | 250 | ND | 108 | 38-132 | | | |
| Surrogate: n-Nonane | 47.7 | | 50.0 | | 95.5 | 50-200 | | | |
| Matrix Spike Dup (2238016-MSD1) | | | | Source: E | 209045- | 06 | Prepared: 0 | 9/12/22 A | Analyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) | 274 | 25.0 | 250 | ND | 110 | 38-132 | 1.41 | 20 | |
| Surrogate: n-Nonane | 47.9 | | 50.0 | | 95.8 | 50-200 | | | |



QC Summary Data

| | | | | <i>J</i> – | | | | | |
|---|-----------------|---|--------------------------------|--|----------|--------------------|-------------|-------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager | 2 | BO - Coyote 1 1080-0001 Iichael Moffit | 2" | | | | Reported: 9/16/2022 1:54:01PM |
| | | Anions | by EPA | 300.0/9056A | 1 | | | | Analyst: RAS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2238028-BLK1) | | | | | | | Prepared: 0 | 9/13/22 A | analyzed: 09/15/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2238028-BS1) | | | | | | | Prepared: 0 | 9/13/22 A | analyzed: 09/15/22 |
| Chloride | 263 | 20.0 | 250 | | 105 | 90-110 | | | |
| Matrix Spike (2238028-MS1) | | | Source: E209044-21 Prepared: 0 | | | | | | analyzed: 09/15/22 |
| Chloride | 271 | 20.0 | 250 | ND | 108 | 80-120 | | | |
| Matrix Spike Dup (2238028-MSD1) | | | | Source: | E209044- | 21 | Prepared: 0 | 9/13/22 A | analyzed: 09/15/22 |
| Chloride | 268 | 20.0 | 250 | ND | 107 | 80-120 | 0.913 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Durango Midstream | Project Name: | ABO - Coyote 12" | |
|-------------------------------|------------------|------------------|----------------|
| 10077 Grogans Mill Rd Ste 300 | Project Number: | 21080-0001 | Reported: |
| The Woodlands TX, 77380 | Project Manager: | Michael Moffit | 09/16/22 13:54 |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Project | Information |
|---------|-------------|

| ient: Purango | | Bill | Bill To | | | Lab Use Only | | | | | | TA | T | EPA P | rogram |
|--|-----------------------|---|---------|------------------|--------------------|--------------|----------|--------------------|-----------|-----------|----------------|-----|---|---------|---------------|
| ient: Purango roject: ABO-Coyote (2" oject Manager: M. Moffit | Attenti | | | | Lab WO# | | | Job Number | | 1 | D 2D | 3D | Standard | CWA | SDWA |
| ddress: | Addres City, St | and the second se | File | | E209 | 104 | 56 | 201 | is and Mi | 2) othord | | | K | | RCRA |
| ty, State, Zip | Phone: | | | | à | T | ГŤ | | | | T | | | | nchA |
| none: On file | Email: | | | | ORO | | | | | | | | | State | |
| mail: eport due by: | - | | | | DRO/ | 021 | 8260 | 010 | 300.0 | | MN X | | NM CO | UT AZ | TX |
| Time Date | · | | | Lab | TPH GRO/DRO/ORO by | BTEX by 8021 | by 8 | Metals 6010 | Chloride | | | | | | |
| Sampled Sampled Matrix Containers Sample | ID. | | | Number | HdT | BTE | VOC by | Met | Chlo | | BGDDC BGDDC | | | Remarks | |
| 1:00 9/6 50:1 1 WS | 22-01 | 0-4 | | | V | 1 | | | V | | | | | _ | |
| 11:05 1 1 W | 522-01 | 4-8 | , | 2 | 1 | 1 | | | 1 | | | | | | |
| 1:10 WS: | 12-02 | 0-4 | 1 | 3 | | | | | | | | | | | |
| 1:15 WS. | 22-02 | 4-8 | 1 | 4 | | | | | | | | | | | |
| 0:00 B52 | 2-01 | 8' | | 5 | | | | | | | | | | | |
| | 12-02 | 8' | | 6 | | | | - | | | | | 1 - E | | |
| 0=10 B5 d | 12-03 | 0.5 | | 7 | | | | | | | | | | | |
| | 22-04 | 2' | | 8 | | | | | | | | | | | |
| 0:05-9/7 BS: | 12-05 | 2' | | 9 | | | | | | | | | | | |
| 0:20 917 BS. | 22-06 | 2' | | 10 | 1 | 1 | | | 1 | | | | | | |
| dditional Instructions: CC: Mic | hael M. | offite | Monica | a Peps | Din | | | | | | | | | | |
| field sampler), attest to the validity and authenticity of this te or time of collection is considered fraud and may be group | nds for legal action. | mpering with or intent Sampled by | M. Wse | ng the sample ic | ocation, | | 54 Di | amples acked in | | | | | wed on ice the day b C on subsequent day | | d of received |
| elinquished by: (Signature) Date | Time Rec | eived by: (Signature) | 6 | 0ate 9-9-2 | 2 11 | :15 | R | lecei | ved on id | | Lab Us | | 1 | | |
| elipquished by: (Signature) Date 9-9-21 | 18:40 Rec | y the | let | Pare /2/2 | 7 8 | Ń |) | 1 | | T | 2 | | T3 | | |
| elinguished by: (Signature) Date | | eived by: (Signature) | | Date | Time | | | VGI | emp °C | 4 | | | | | |
| mple Matrix: 5 - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - | Diper | 100 Geo. | | Container T | Type: g - | glass. | | | | mberg | lass v. | VOA | | | |

| Project I | nformat | ion |
|-----------|---------|-----|
|-----------|---------|-----|

Released to Imaging: 1/25/2023 9:41:05 AM

| lient: Durungo | | Bill To | | Lab Use Only | | | | | T | | TA | т | EPA P | rogram | |
|---|------------------------------|-------------------------------|-----------------|---|----------------------|-------------|-------------|----------------|-------------|----------|---------|------------|-----------------------|----------------|----------------|
| lient: Durungo roject: ABO-Coyote 12" roject Manager: M. Maffit | Attention: | <u> </u> | | Lab W | 0# | 1 | Job | Numb | er | | 2D | 3D | Standard | CWA | SDWA |
| Address: | Address: City, State, Zip | Or File | | Lab WO# Job Number 1 E209045 21080-0001 Analysis and Method | | | | 1 | | K | | RCRA | | | |
| Tity, State, Zip | Phone: | | | à | T | T | | | | T | 1 | | - | | nena |
| hone: On File | Email: | • | | ORO | | | | | | | | | | State | |
| mail: Report due by: | | | | (DRO) | 021 | 260 | 010 | 300.0 | | WW | × | | NM CO | UT AZ | TX |
| Time Date Matrix No. of Sample 10 | | | Lab | ТРН GRO/DRO/DRO by | 8015 BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | | | | | Based | |
| sampled sampled convenies | | | Number | TPH | 801 BTE | VOC | Met | Chlo | | BGDOC | BGDOC | | _ | Remarks | |
| 11:20 9/6 Soil 1 WS22 | -03 | 0-4' | 11 | V | 11 | 1 | | V | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | -83 | 4-8' | 12 | | 11 | | | 1 | | | | | | | |
| 1:30 1 WS22. | MU | 0-41 | 13 | | T | | 19-11 | T | | | | | | | |
| 1-30 1 1 003 0 2 | -04 | | | + | ++ | - | | ++ | | - | - | | | | |
| 11:35 1 1 1 WS22- | 04 | 4-8' | 14 | | 1 | - | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | + | - | | | | - | | | | | - |
| | | | | | | | | | | | | | - | | |
| | | | | | | | | | | | | | | | |
| | | | 1 | | | - | | | | | - | | | | |
| | | | | | - | | | | | | | | | | |
| | | | | | | | | | 1 | | | | | | |
| | | | 1 | | + | - | | | | - | | | - | | _ |
| | | | | | | | | | | | | | | | |
| dditional Instructions: | A ADr. | 1.00- | Pan Pan | | | | | | | | | | | | |
| (field sampler), attest to the validity and authenticity of this sample. Ta | m aware that tampering w | ith or intentionally mislabel | ling the sample | Pication, | | - | Sample | stequirin | g thermal p | reservat | ion mui | t be recen | ved on ice the day th | vev are sample | d britiere vad |
| ate or time of collection is considered fraud and may be grounds for leg | al action. <u>Sa</u> | impled by: M-W; | er | | | | | | | | | | on subsequent day | | |
| elinquished by: (Signature) Date Time | Received by: | (Signature) | Date 9-9-7 | Tim | Sector Sector | - | | | | - | | e Only | | | |
| elinquished by (Signature) Date Time | Received by: | Menature / / | Date | Tim | 1:15 | | Rece | ived c | on ice: | C |) N | | | | |
| Ch SK 19-9-22 18 | :40 18 to | allet | 9/12/ | 228 | 5.57 | 7) | T1 | | | T2 | | | T3 | | |
| elinquished by: (Signature) Date Time | Received by. | (Signature) | Date | Tim | e | | | | . 4 | | | | | | |
| | | | Container | | | | | Temp | | - | | | | | |

Page 135 of 377

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Durango Midstream Da | te Received: | 09/12/22 08 | :50 | Work Order ID: E209045 |
|------------|--|----------------------|-------------|-------------------|--------------------------------------|
| Phone: | (575) 676-3500 Da | te Logged In: | 09/12/22 10 | :20 | Logged In By: Caitlin Christian |
| Email: | mmoffit@vertex.ca Du | e Date: | 09/16/22 17 | :00 (4 day TAT) | |
| Chain o | f Custody (COC) | | | | |
| 1. Does 1 | the sample ID match the COC? | | Yes | | |
| 2. Does 1 | the number of samples per sampling site location match t | the COC | No | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: <u>C</u> | Courier |
| 4. Was tl | he COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | field, | Yes | | Comments/Resolution |
| Sample ' | <u>Turn Around Time (TAT)</u> | | | | |
| 6. Did th | e COC indicate standard TAT, or Expedited TAT? | | Yes | | Sample #1 WS22-01 0-4, was received |
| Sample | <u>Cooler</u> | | | | empty. Spoke with client and removed |
| 7. Was a | sample cooler received? | | Yes | | sample #1 from workorder. |
| 8. If yes, | , was cooler received in good condition? | | Yes | | * |
| 9. Was tl | he sample(s) received intact, i.e., not broken? | | Yes | | |
| 10. Were | e custody/security seals present? | | No | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | |
| 12. Was t | he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling | | Yes | | |
| 13. If no | visible ice, record the temperature. Actual sample tem | nperature: <u>4°</u> | <u>°C</u> | | |
| Sample | <u>Container</u> | - | | | |
| | aqueous VOC samples present? | | No | | |
| | VOC samples collected in VOA Vials? | | NA | | |
| 16. Is the | e head space less than 6-8 mm (pea sized or less)? | | NA | | |
| 17. Was | a trip blank (TB) included for VOC analyses? | | NA | | |
| 18. Are 1 | non-VOC samples collected in the correct containers? | | Yes | | |
| 19. Is the | appropriate volume/weight or number of sample containers | collected? | Yes | | |
| Field La | ibel | | | | |
| | e field sample labels filled out with the minimum information | ation: | | | |
| | Sample ID? | | Yes | | |
| | Date/Time Collected? | | Yes | | |
| | Collectors name? | | No | | |
| _ | <u>Preservation</u> s the COC or field labels indicate the samples were prese | rved? | No | | |
| | sample(s) correctly preserved? | | NO | | |
| | b filteration required and/or requested for dissolved meta | ls? | No | | |
| | · · | | 110 | | |
| | ase Sample Matrix_ s the sample have more than one phase, i.e., multiphase? | | N | | |
| | | 19 | No | | |
| | s, does the COC specify which phase(s) is to be analyzed | 17 | NA | | |
| | tract Laboratory | | N | | |
| | samples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so | | No | | |
| | a supcontract inportatory specified by the client and it so | wno/ | NA S | ubcontract Lab | |

Signature of client authorizing changes to the COC or sample disposition.



•

Project Information

Released to Imaging: 1/25/2023 9:41:05 AM

6

Chain of Custody

| nt: Purango ject: ABO-Coyote (): ject Manager: M. Moffit dress: On File City, State, Zip | | Lab | NOH | | | the second second | | | | | | | | | |
|---|----------------------|-----------|----------------------------|--------------|--|--|----------|----------|----------|---------|------------|------------|---|--------------|-------|
| | | | WUH | 110 | | | Imper | | 1D | 2D | 3D | Sta | ndard | CWA | SDWA |
| dress' I ICity State Zin | | Ex | 2090 | 45 | Concerned Start | and the state of t | 0-00 | | | 1 | | | K | | |
| | | | | | AI | nalysi | s and M | Metho | d | , | | | + | | RCRA |
| v, State, Zip one: On file Email: | - | | A O PA | | | | | | | 1 | | - | | C | |
| one: On file Email: | | | N/OR | | | | _ | | | | | - | NM CO | State | TYL |
| port due by: | | | TPH GRO/DRO/ORO by 8015 | 170 | 260 | a l | 2001 | | WW | Z | | 1 F | VIVI CO | UTAL | 14 |
| | Lab | - | GRO, | PV 8 | by B | H2 PI | Ide | | | y | | + | | | L |
| ampled Sampled Matrix Containers Sample ID | Number | | 8015 | BTEX by 8021 | VOC by 8260 | Metals bulu | | | BGDOC | HGDOG | | | | Remarks | |
| -00 9/6 501 1 WS22-01 0-4' | | | V | A | | -1 | 4 | - | | | | 1 | Samp | se : | Jar |
| | | | | | | | - | - | - | - | | | recei | vea | enge |
| 1:05 1 1 WS22-01 4-8' | 12 | | 1 | 1 | | | 11_ | | | | | | | 9/12 | ricc |
| -10 W522-02 0-4' | 23 | | 1 | | | | | | | | | | | | |
| | 3 4 | | ++ | tt | | | | | | | | | | | |
| | | | | ++- | | | | | | | | | | | |
| :00 B522-01 B' | 48 | | | 1 | | | | | | | | | | | |
| :05 BS22-02 8' | 50 | | | | | | | | | | | | | | |
| D=10 1 R522-03 0.5' | 67 | | | | | | | | | | | | | | |
| 0:00 9/7 BS22-04 2' | 78 | | | | | | | | | | | | | | |
|):05-917 BS22-05 2' | 8 9 | | | | | | | | | | | | | | |
| 1:20 917 BS22-06 2 | 910 | | 1 | | | | 1 | | | | | | | | |
| Iditional Instructions: CC: Michael Moffie i Mon | ica Peo | ni | 0 | - | - | | | - | | 1 | LL | | | | |
| eld sampler), attest to the validity and authenticity of this sample. Tam aware that tampering with or intentionally mist | labelling the sample | Pipcation | / | | Sar | nples re | our ne t | herma' p | reserval | tion mu | st be seco | e yed on . | ce the day the | | |
| e or time of collection is considered fraud and may be grounds for legal action. Sampled by M. L | Joer | | | 1 | | | | | | | | | tinquent days | | |
| inquished by: (Signature) Date Time Received by: (Signature) | Date 9-9-2 | 72 | 11:1 | 5 | R | eceiv | ed on | ice: | Li | ab Us | e Onl | ly | 1 | | |
| inquished by: (Signature) Date 9-9-22 Time Received by: (Signature) Quale | f glip | 177 | 85 | 77 | T | | | | T | | | T | 2 | | |
| inquished by: (Signature) Date Time Received by: (Signature) | Date | e 1 | Time | - | | 10.7 | emp° | -0 | 1 | - | | | 2 | | |
| ipte Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | Container | Type | g - play | ss n | Contraction of the local division of the | And in case of states | | | er elas | 55 V- | VOA | | - A - A - A - A - A - A - A - A - A - A | | |
| e: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazard | | | | | | | | | | | | eport fo | of the analy | sis of the a | bove |
| ples is applicable only to those samples received by the laboratory with this COC. The liability of the labor | ratory is limited to | o the an | nount p | aid fo | or on th | ne rep | ort. | | a series | | | | the bridge | in or me o | a dec |

Page 1 of 2

Page 137 of 377

Project Information

Released to Imaging: 1/25/2023 9:41:05 AM

19

Chain of Custody

Page Z of Z

| Client: | Inrue | | | | | | | B | III To | | | 1 | | Li | ab Us | se Or | nly | | | 1 | | T. | AT | | EPA P | ogram |
|-----------------------|------------------|-----------------|---------------------|------------------|------------|--|--|--------------------------|--------------------------|-------------|---------------|--------|----------------------------|--------------|--|--------------------|----------------------|-----------|---------|---------|---------|-----------|------------|-------------------|----------------|--------------|
| Project: | | Coyote | 12 | <u>''</u> | | | ention: | | | | | Lab | WO | | - | | Num | | | 1D | 2D | 3D | St | andard | CWA | SDWA |
| Project N Address: | lanager: | M.M. | offit | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | ress: , State, Zip | | _ Fil. | e | | Ea | 769 | 04 | No. of Lot of Lo | A COLOR OF COMPANY | Contract of Contract | -00 | | | | | 1 | K | | DCDA |
| City, Stat | e. Zip | | | | | Pho | the second second second second | · | 1- | | | - | 12 | | | Analy | ysis a | nd M | etnoc | | - | 1 | - | | | RCRA |
| Phone: | 0 | n File | - | | | Em | No. of Street, | | 1 | | | | ROB | | | | | | | | | | | | State | |
| Email: | | | | | | | | | | | | | RO/O | T | 0 | | 0.0 | | | 5 | | | | NM CO | UT AZ | TX |
| Report d | | | | | | | | | | | | | 0/01 | v 802 | 826 | 601(| (e 30 | | | WW : | × | | | | | |
| Time Sampled | Date Sampled | Matrix | No of Containers | Sample ID |) | | | | | | Lab Number | | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | | BGDOC | BGDOC | | | | Remarks | |
| 11:20 | 916 | 50:1 | 1 | WSS | 22 | -0 | 3 | | O-L | (' ic | H | | V | 1 | | | V | | | | | | | | | |
| 11:25 | 1 | | 1 | WS. | 22 | -83 | | | 4-8 | ' 10 | 12 | | 1 | 1 | | | 1 | | | | | | | | | |
| 11:30 | | | 1 | | | -04 | | | 0-4 | 1 12 | B | | | | | | T | | | | | | | | | |
| 11:35 | | | 1 | WSD | | 1 | | | 4-8 | ' 13 | 19 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | _ | | | |
| | | | | | | aller and Gardener | | | | | | | | | | | | | _ | | | | | | | |
| | | | | | | | | al such se | | | | | | | | | | | | - | | | _ | | | |
| Addition | al Instruc | tions: | | 1. 1 | | | 00. | | 1.00 | | 0 | • | | | | | | | |] | | | | | | |
| I, (field samp | ler), attest to | the validity i | and authentin | city of this san | nple. | Am aware th | ffit anpering | with or in | tentionally | mislabellir | g the sample | Ple |) | | -1 | Sample | s requi | ring the | rma' pr | eservat | | it be rec | e ved o | on ice the day th | ey are sampler | for received |
| date or time | of collection | is considered | fraud and m | ay be grounds | s for leg | al action. | ş | ampled b | y M. | .Wit | r | _ | | | 1 | packed | in ice a | it an avg | temp | above C | but les | u than 6 | Con s | subsequent day | • | |
| Relinquishe | N | | Date | | Time | | Received by | (Signati | Miet . | | 9-9-2 | r | Time //. | 15- | | Rece | ived | onio | e: | La | | e On | ly | | | |
| Relinquishe | d by Asigna | Hure | Date 9-1 | 9-22 | Time 18 | -:40 | Receiped by | Lenati | The | to | Date 9/2/ | 27 | Time S. | 57 | 2 | T1 | | | | 12 | | | | тз | | |
| Relinquishe | d by: (sign | ture | Date | | Time | | Received by: | (Signati | ure) | | Date | | Time | | | AVG | Tom | n°c | 4 | | | | | | | |
| Sample Matr | ix: S - Soil, Sd | - Solid, Sg - S | Sludge, A - Aq | ueous, O - Ot | her_ | | | | | | Container | Type | : g - g | lass, p | | | | | mbe | relas | 5. V - | VOA | | | | |
| Note: Samp | les are disc | arded 30 da | ays after res | ults are repo | orted u | nless othe ratory with | r arrangemer this COC. Th | nts are m le liabilit | hade. Hai y of the la | ardous s. | imples will I | be ret | urned | to clie | ent or | dispo | sed of | at the | eclien | t expe | ense | The r | eport | for the anal | ysis of the a | bave |
| | | | | | | | A CAR CONTRACTOR | | | | | | | | | | | | | | | 0 | | | | |
| | | | | | | | | | | | | | | | | 2 | | e | | 1 | V | | r (| ot | e(| Cr |

Page 27 of 27





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: 22E-02945

Work Order: E209046

Job Number: 21080-0001

Received: 9/12/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/16/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 9/16/22

Michael Moffit 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: 22E-02945 Workorder: E209046 Date Received: 9/12/2022 8:40:00AM

Michael Moffit,



Page 140 of 377

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/12/2022 8:40:00AM, under the Project Name: 22E-02945.

The analytical test results summarized in this report with the Project Name: 22E-02945 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 4 |
| Sample Data | 5 |
| BS22-08 | 5 |
| BS22-09 | 6 |
| BS22-10 | 7 |
| BS22-11 | 8 |
| BS22-12 | 9 |
| QC Summary Data | 10 |
| QC - Volatile Organic Compounds by EPA 8260B | 10 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 11 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 12 |
| QC - Anions by EPA 300.0/9056A | 13 |
| Definitions and Notes | 14 |
| Chain of Custody etc. | 15 |

Sample Summary

Page 142 of 377

| | | ~ mpro ~ um | | | |
|-------------------------------|---------------|------------------|----------------|----------|------------------|
| Durango Midstream | | Project Name: | 22E-02945 | | Reported: |
| 10077 Grogans Mill Rd Ste 300 | | Project Number: | 21080-0001 | | Reporteu. |
| The Woodlands TX, 77380 | | Project Manager: | Michael Moffit | | 09/16/22 13:56 |
| | | | | | |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| BS22-08 | E209046-01A | Soil | 09/08/22 | 09/12/22 | Glass Jar, 4 oz. |
| BS22-09 | E209046-02A | Soil | 09/08/22 | 09/12/22 | Glass Jar, 4 oz. |
| BS22-10 | E209046-03A | Soil | 09/08/22 | 09/12/22 | Glass Jar, 4 oz. |
| BS22-11 | E209046-04A | Soil | 09/08/22 | 09/12/22 | Glass Jar, 4 oz. |
| BS22-12 | E209046-05A | Soil | 09/08/22 | 09/12/22 | Glass Jar, 4 oz. |
| | | | | | |



| | S | ample D | ata | | | | | |
|--|---|------------|---------|----------|----------|----------|---------------------|--|
| Durango Midstream | Project Name | :: 22E- | -02945 | | | | | |
| 10077 Grogans Mill Rd Ste 300 | Project Numb | per: 2108 | 30-0001 | | | | Reported: | |
| The Woodlands TX, 77380 | Project Manager: Michael Moffit | | | | | | 9/16/2022 1:56:55PM | |
| | | BS22-08 | | | | | | |
| | | E209046-01 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | latile Organic Compounds by EPA 8260B mg/kg mg/kg Analyst: IY | | | | | | | |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | |
| o-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | |
| p,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/14/22 | | |
| Total Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: Bromofluorobenzene | | 98.5 % | 70-130 | | 09/12/22 | 09/14/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.9 % | 70-130 | | 09/12/22 | 09/14/22 | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 09/12/22 | 09/14/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2238010 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: Bromofluorobenzene | | 98.5 % | 70-130 | | 09/12/22 | 09/14/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.9 % | 70-130 | | 09/12/22 | 09/14/22 | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 09/12/22 | 09/14/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2238011 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: n-Nonane | | 99.4 % | 50-200 | | 09/12/22 | 09/14/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2238028 | |
| Chloride | 20.2 | 20.0 | | 1 | 09/13/22 | 09/15/22 | | |



| | S | ample D | ata | | | | |
|---|---|------------|---------------------------------|---------|----------|----------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name Project Numb Project Manag | er: 2108 | -02945 30-0001 hael Moffi | it | | | Reported: 9/16/2022 1:56:55PM |
| | | BS22-09 | | | | | |
| | | E209046-02 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | |
| Toluene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 09/12/22 | 09/14/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: Bromofluorobenzene | | 98.9 % | 70-130 | | 09/12/22 | 09/14/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.9 % | 70-130 | | 09/12/22 | 09/14/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | | 09/12/22 | 09/14/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: Bromofluorobenzene | | 98.9 % | 70-130 | | 09/12/22 | 09/14/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.9 % | 70-130 | | 09/12/22 | 09/14/22 | |
| Surrogate: Toluene-d8 | | 102 % | 70-130 | | 09/12/22 | 09/14/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : JL | | Batch: 2238011 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 09/12/22 | 09/14/22 | |
| Surrogate: n-Nonane | | 78.7 % | 50-200 | | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | : RAS | | Batch: 2238028 |
| Chloride | ND | 20.0 | | 1 | 09/13/22 | 09/15/22 | |
| | | | | | | | |
| | S | Sample D | ata | | | | |
|--|--------------|------------|-------------|--------------|----------|---------------------|--|
| Durango Midstream | Project Name | e: 22E- | -02945 | | | | |
| 10077 Grogans Mill Rd Ste 300 | Project Num | ber: 2108 | 80-0001 | | | Reported: | |
| The Woodlands TX, 77380 | Project Mana | ager: Mic | hael Moffit | | | 9/16/2022 1:56:55PM | |
| | | BS22-10 | | | | | |
| | | E209046-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Analyst: IY | | Batch: 2238010 | |
| Benzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| Toluene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| p-Xylene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| o,m-Xylene | ND | 0.0500 | 1 | 09/12/22 | 09/14/22 | | |
| Total Xylenes | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: Bromofluorobenzene | | 99.0 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.1 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Α | Analyst: IY | | Batch: 2238010 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: Bromofluorobenzene | | 99.0 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.1 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORC | mg/kg | mg/kg | Α | Analyst: JL | | Batch: 2238011 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/12/22 | 09/14/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: n-Nonane | | 79.9 % | 50-200 | 09/12/22 | 09/14/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: RAS | | Batch: 2238028 | |
| Chloride | ND | 20.0 | 1 | 09/13/22 | 09/15/22 | | |

envirotech Inc.

Page 145 of 377

| | S | Sample D | ata | | | | |
|--|--------------|------------|-------------|--------------|----------|---------------------|--|
| Durango Midstream | Project Name | e: 22E- | -02945 | | | | |
| 10077 Grogans Mill Rd Ste 300 | Project Num | ber: 2108 | 80-0001 | | | Reported: | |
| The Woodlands TX, 77380 | Project Mana | ager: Micl | hael Moffit | | | 9/16/2022 1:56:55PM | |
| | | BS22-11 | | | | | |
| | | E209046-04 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | А | Analyst: IY | | Batch: 2238010 | |
| Benzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| Foluene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| p-Xylene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| o,m-Xylene | ND | 0.0500 | 1 | 09/12/22 | 09/14/22 | | |
| Total Xylenes | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: Bromofluorobenzene | | 98.1 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.8 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | Analyst: IY | | Batch: 2238010 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: Bromofluorobenzene | | 98.1 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.8 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 09/12/22 | 09/14/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | А | Analyst: JL | | Batch: 2238011 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/12/22 | 09/14/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/12/22 | 09/14/22 | | |
| Surrogate: n-Nonane | | 97.4 % | 50-200 | 09/12/22 | 09/14/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: RAS | | Batch: 2238028 | |
| Chloride | 32.1 | 20.0 | 1 | 09/13/22 | 09/15/22 | | |

Page 146 of 377

| | S | Sample D | ata | | | |
|--|----------------------------|------------|-------------------|--------------|----------|---------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | Project Nam Project Num | | -02945 80-0001 | | | Reported: |
| The Woodlands TX, 77380 | Project Mana | | hael Moffit | | | 9/16/2022 1:56:55PM |
| | | BS22-12 | | | | |
| | | E209046-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Diluti | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | А | nalyst: IY | | Batch: 2238010 |
| Benzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | |
| Toluene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | |
| o-Xylene | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 09/12/22 | 09/14/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/12/22 | 09/14/22 | |
| Gurrogate: Bromofluorobenzene | | 97.1 % | 70-130 | 09/12/22 | 09/14/22 | |
| urrogate: 1,2-Dichloroethane-d4 | | 93.6 % | 70-130 | 09/12/22 | 09/14/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 09/12/22 | 09/14/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | nalyst: IY | | Batch: 2238010 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/12/22 | 09/14/22 | |
| 'urrogate: Bromofluorobenzene | | 97.1 % | 70-130 | 09/12/22 | 09/14/22 | |
| urrogate: 1,2-Dichloroethane-d4 | | 93.6 % | 70-130 | 09/12/22 | 09/14/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 09/12/22 | 09/14/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO |) mg/kg | mg/kg | А | nalyst: JL | | Batch: 2238011 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/12/22 | 09/14/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/12/22 | 09/14/22 | |
| Gurrogate: n-Nonane | | 89.6 % | 50-200 | 09/12/22 | 09/14/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | А | nalyst: RAS | | Batch: 2238028 |
| Chloride | ND | 20.0 | 1 | 09/13/22 | 09/15/22 | |

envirotech Inc.

Page 147 of 377

QC Summary Data

| | | <u><u>v</u>c 51</u> | | Ty Data | • | | | | |
|---|--------------------------------------|--------------------------------------|------------------------------|---------------------|------------------------------|--------------------------------------|----------------------|----------------|--------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | | Project Name: Project Number: | | E-02945 080-0001 | | | | | Reported: |
| The Woodlands TX, 77380 | | Project Manager: | M | ichael Moffit | | | | 9 | /16/2022 1:56:55PM |
| | | Volatile Organic | Compo | unds by EP. | A 8260I | B | | | Analyst: IY |
| Analyte | Pagult | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | Result mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2238010-BLK1) | | | | | | | Prepared: 0 | 9/12/22 Ana | alyzed: 09/13/22 |
| Benzene | ND | 0.0250 | | | | | 1 | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.497 | | 0.500 | | 99.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.453 | | 0.500 | | 90.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.433 | | 0.500 | | 107 | 70-130 | | | |
| - | | | | | | | Dranorad, 0 | 0/12/22 1- | lyzed: 00/12/22 |
| LCS (2238010-BS1) | | | | | | | riepareu: 0 | 7/12/22 Ana | alyzed: 09/13/22 |
| Benzene | 1.85 | 0.0250 | 2.50 | | 74.1 | 70-130 | | | |
| Ethylbenzene | 2.03 | 0.0250 | 2.50 | | 81.3 | 70-130 | | | |
| Toluene | 1.86 | 0.0250 | 2.50 | | 74.3 | 70-130 | | | |
| p-Xylene | 1.88 | 0.0250 | 2.50 | | 75.3 | 70-130 | | | |
| p,m-Xylene | 3.75 | 0.0500 | 5.00 | | 75.1 | 70-130 | | | |
| Total Xylenes | 5.64 | 0.0250 | 7.50 | | 75.2 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.492 | | 0.500 | | 98.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.461 | | 0.500 | | 92.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Matrix Spike (2238010-MS1) | | | | Source: I | | | Prepared: 0 | 9/12/22 Ana | alyzed: 09/13/22 |
| Benzene | 2.13 | 0.0250 | 2.50 | ND | 85.2 | 48-131 | | | |
| Ethylbenzene | 2.25 | 0.0250 | 2.50 | ND | 89.8 | 45-135 | | | |
| Toluene | 2.17 | 0.0250 | 2.50 | ND | 87.0 | 48-130 | | | |
| p-Xylene | 2.09 | 0.0250 | 2.50 | ND | 83.6 | 43-135 | | | |
| p,m-Xylene | 4.15 | 0.0500 | 5.00 | ND | 82.9 | 43-135 | | | |
| Total Xylenes | 6.24 | 0.0250 | 7.50 | ND | 83.2 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.498 | | 0.500 | | 99.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.470 | | 0.500 | | 94.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.530 | | 0.500 | | 106 | 70-130 | | | |
| Matrix Spike Dup (2238010-MSD1) | | | | Source: I | E 209045 - | 06 | Prepared: 0 | 9/12/22 Ana | alyzed: 09/13/22 |
| | | | 2.50 | ND | 74.9 | 48-131 | 12.8 | 23 | |
| Benzene | 1.87 | 0.0250 | | | | 45 125 | 12.2 | 27 | |
| Benzene Ethylbenzene | 1.99 | 0.0250 | 2.50 | ND | 79.5 | 45-135 | | | |
| Benzene Ethylbenzene Toluene | 1.99 1.92 | 0.0250 0.0250 | 2.50 | ND | 76.7 | 48-130 | 12.5 | 24 | |
| Benzene Ethylbenzene | 1.99 1.92 1.86 | 0.0250 | 2.50 2.50 | ND ND | 76.7 74.2 | 48-130 43-135 | 12.5 11.9 | 24 27 | |
| Benzene Ethylbenzene Toluene | 1.99 1.92 1.86 3.69 | 0.0250 0.0250 0.0250 0.0500 | 2.50 2.50 5.00 | ND ND ND | 76.7 74.2 73.8 | 48-130 43-135 43-135 | 12.5 11.9 11.7 | 24 27 27 | |
| Benzene Ethylbenzene Toluene o-Xylene | 1.99 1.92 1.86 | 0.0250 0.0250 0.0250 | 2.50 2.50 | ND ND | 76.7 74.2 | 48-130 43-135 | 12.5 11.9 | 24 27 | |
| Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes | 1.99 1.92 1.86 3.69 | 0.0250 0.0250 0.0250 0.0500 | 2.50 2.50 5.00 | ND ND ND | 76.7 74.2 73.8 | 48-130 43-135 43-135 | 12.5 11.9 11.7 | 24 27 27 | |
| Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene | 1.99 1.92 1.86 3.69 5.54 | 0.0250 0.0250 0.0250 0.0500 | 2.50 2.50 5.00 7.50 | ND ND ND | 76.7 74.2 73.8 73.9 | 48-130 43-135 43-135 43-135 | 12.5 11.9 11.7 | 24 27 27 | |



QC Summary Data

| | | QC B | umma | ii y Data | l | | | | |
|---|--------|--|----------------|---|--------------------|---------------|-------------|------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 21 | 2E-02945 1080-0001 lichael Moffit | | | | | Reported: 9/16/2022 1:56:55PM |
| | N | onhalogenated O | rganics | by EPA 801 | 5D - GI | RO | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2238010-BLK1) | | | | | | | Prepared: 0 | 9/12/22 <i>A</i> | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.497 | | 0.500 | | 99.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.453 | | 0.500 | | 90.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.533 | | 0.500 | | 107 | 70-130 | | | |
| LCS (2238010-BS2) | | | | | | | Prepared: 0 | 9/12/22 A | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | 53.7 | 20.0 | 50.0 | | 107 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.487 | | 0.500 | | 97.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.475 | | 0.500 | | 95.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.566 | | 0.500 | | 113 | 70-130 | | | |
| Matrix Spike (2238010-MS2) | | | | Source: I | E209045-(|)6 | Prepared: 0 | 9/12/22 A | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | 49.8 | 20.0 | 50.0 | ND | 99.7 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.504 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.467 | | 0.500 | | 93.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.542 | | 0.500 | | 108 | 70-130 | | | |
| Matrix Spike Dup (2238010-MSD2) | | | | Source: I | E 209045 -(|)6 | Prepared: 0 | 9/12/22 A | Analyzed: 09/13/22 |
| Gasoline Range Organics (C6-C10) | 49.6 | 20.0 | 50.0 | ND | 99.2 | 70-130 | 0.425 | 20 | |
| Surrogate: Bromofluorobenzene | 0.496 | | 0.500 | | 99.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.466 | | 0.500 | | 93.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.522 | | 0.500 | | 104 | 70-130 | | | |
| | | | | | | | | | |



QC Summary Data

| | | QC DI | | il y Data | | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 2 | 2E-02945 1080-0001 lichael Moffit | | | | | Reported: 9/16/2022 1:56:55PM |
| | Nonh | alogenated Orga | anics by | EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2238011-BLK1) | | | | | | | Prepared: 0 | 9/12/22 A | nalyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 47.6 | | 50.0 | | 95.3 | 50-200 | | | |
| LCS (2238011-BS1) | | | | | | | Prepared: 0 | 9/12/22 A | nalyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) | 257 | 25.0 | 250 | | 103 | 38-132 | | | |
| Surrogate: n-Nonane | 43.6 | | 50.0 | | 87.1 | 50-200 | | | |
| Matrix Spike (2238011-MS1) | | | | Source: I | 209031- | 04 | Prepared: 0 | 9/12/22 A | nalyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) | 11500 | 500 | 250 | 10100 | 582 | 38-132 | | | M4 |
| Surrogate: n-Nonane | 46.9 | | 50.0 | | 93.7 | 50-200 | | | |
| Matrix Spike Dup (2238011-MSD1) | | | | Source: H | 209031- | 04 | Prepared: 0 | 9/12/22 A | nalyzed: 09/14/22 |
| Diesel Range Organics (C10-C28) | 11400 | 500 | 250 | 10100 | 513 | 38-132 | 1.50 | 20 | M4 |
| Surrogate: n-Nonane | 44.8 | | 50.0 | | 89.6 | 50-200 | | | |



QC Summary Data

| | | QU D | u | ing Date | | | | | |
|---|-----------------|---|-------------------------|---|-----------|--------------------|-------------|-------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager | 2 | 2E-02945 1080-0001 lichael Moffit | | | | | Reported: 9/16/2022 1:56:55PM |
| | | Anions | by EPA 3 | 300.0/9056 | 4 | | | | Analyst: RAS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2238028-BLK1) | | | | | | | Prepared: 0 | 9/13/22 | Analyzed: 09/15/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2238028-BS1) | | | | | | | Prepared: 0 | 9/13/22 | Analyzed: 09/15/22 |
| Chloride | 263 | 20.0 | 250 | | 105 | 90-110 | | | |
| Matrix Spike (2238028-MS1) | | | | Source: | E209044-2 | 21 | Prepared: 0 | 9/13/22 | Analyzed: 09/15/22 |
| Chloride | 271 | 20.0 | 250 | ND | 108 | 80-120 | | | |
| Matrix Spike Dup (2238028-MSD1) | | | | Source: | E209044-2 | 21 | Prepared: 0 | 9/13/22 | Analyzed: 09/15/22 |
| Chloride | 268 | 20.0 | 250 | ND | 107 | 80-120 | 0.913 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Durango Midstream | Project Name: | 22E-02945 | |
|-------------------------------|------------------|----------------|----------------|
| 10077 Grogans Mill Rd Ste 300 | Project Number: | 21080-0001 | Reported: |
| The Woodlands TX, 77380 | Project Manager: | Michael Moffit | 09/16/22 13:56 |

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Client: Durango Midstream | (vert | ex) | RUSH? | Lab Use Only | y | | An | alysis an | d Method | la | ab Only |
|---|-------------------|----------------|--|---------------------------------------|--------------------------------|---------------------------------|-------------------------|---------------|------------|---------------|----------------------------|
| Client: Durango Midstream Project: 22E-02945 Sampler: Fernando Rodvigez | Carr | | 1d 3d | Lab WO# | 6 | | | | | | (s) Y/N |
| Phone: 5759887681 Email(s): MMOFFitt@Xertex.cor Mpege | in Qver | tex.co | | Job Number 21080-000 | | 0 by 8015 8021 | 1-1-19 | oy 300.0 | | ab Number | Correct Cont/Prsrv (s) Y/N |
| Project Manager: Mtchael Moffitt | Sample Date | Sample Time | Pag Matrix | Containers QTY - Vol/TYPE/Preserva | ative | GRO/DRO by 8015 BTEX by 8021 | TPH by 418.1 | Chloride by | | | Correct C |
| 8522-08 | 9/8 | 14:00 | Spil | UOZ JON | | 1 | 1 | 1 | | 1 | |
| B522-08 B522-09 | 01/8 | 14:10 | 5011 | 402 Jan | | 1 | V | 1 | | a | 2 |
| 8522-10 | 0/8 | 14:20 | 5011 | Moz Jar | | 1 | 1 | / | | 3 | 3 |
| BS2Z-11 | 9/8 | 14:30 | Soil | 4029655 402)av | | 1 | 1 | | | 4 | ł |
| B522-11 B522-12 | 2/8 | 14:40 | Soil | 402 Jav | | 1 | 1 | | | 5 | 5 |
| | | | 1 | | | - | - | | | _ | - |
| | | | | | | _ | - | | | _ | - |
| | | | | | _ | + | - | | | | - |
| | | | | | | - | | | | | - |
| Relinquished by: (Signature) Date Time | Receiver | i by: (signa | ture) | 9 Pate 15 Time | 1 | | | - | Jse Only | | 1 |
| Relinguished by: (Signature) Q 2 Q 19:00 Date G - G - G - G - G - G - G - G - G - G - | Cart | lbp. (Signa | ture' | Pate Time 9/12/22 8-40 | T1 | Ceived | | (Y) / N T2 | _ | Т3 | _ |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | | | | | | | | ag - amber | glass, v - VO | A |
| **Samples requiring thermal preservation must be received on ice the day to Sample(s) dropped off after hours to a secure drop off area. 9 - 9 - 22 - 18:40 | ney are sampled o | | f Custody | | | | ~1 | | er Gro | ves | |
| Cenvirotech Analytical Laboratory | | | a local data in the second | Durango, (0.81301 Ph / | 505) 632-0615 970) 259-0615 | | 12-1865 | | | envirated | |

Page 153 of 377

Received by OCD: 11/8/2022 8:32:26 AM

Envirotech Analytical Laboratory

| Client: | Durango Midstream Da | te Received: | 09/12/22 | 08:40 | Work Order ID: | E209046 |
|------------|--|---------------|------------------|------------------------|----------------|-------------------|
| Phone: | | te Logged In: | 09/12/22 | | Logged In By: | Caitlin Christian |
| Email: | | e Date: | | 17:00 (4 day TAT) | | |
| Chain o | f Custody (COC) | | | | | |
| | the sample ID match the COC? | | Yes | | | |
| | the number of samples per sampling site location match t | he COC | Yes | | | |
| | samples dropped off by client or carrier? | | Yes | Carrier: Courier | | |
| | he COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | Currer. <u>Courrer</u> | | |
| | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the | · | Yes | | Commen | ts/Resolution |
| Samnle | i.e, 15 minute hold time, are not included in this disucssion. Turn Around Time (TAT) | | | | | |
| | the COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| Sample | | | 100 | | | |
| | sample cooler received? | | Yes | | | |
| | , was cooler received in good condition? | | Yes | | | |
| 9. Was tl | he sample(s) received intact, i.e., not broken? | | Yes | | | |
| 10. Were | e custody/security seals present? | | No | | | |
| | s, were custody/security seals intact? | | NA | | | |
| | the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling o visible ice, record the temperature. Actual sample tem | eived w/i 15 | Yes <u>°C</u> | | | |
| Sample | <u>Container</u> | | | | | |
| 14. Are a | aqueous VOC samples present? | | No | | | |
| 15. Are ' | VOC samples collected in VOA Vials? | | NA | | | |
| 16. Is the | e head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| 17. Was | a trip blank (TB) included for VOC analyses? | | NA | | | |
| | non-VOC samples collected in the correct containers? | | Yes | | | |
| | e appropriate volume/weight or number of sample containers | collected? | Yes | | | |
| | e field sample labels filled out with the minimum informa | tion: | | | | |
| | Sample ID? Date/Time Collected? | | Yes | | | |
| | Collectors name? | | Yes No | | | |
| | Preservation | | 110 | | | |
| 21. Does | s the COC or field labels indicate the samples were present | ved? | No | | | |
| 22. Are s | sample(s) correctly preserved? | | NA | | | |
| 24. Is lat | b filteration required and/or requested for dissolved metal | s? | No | | | |
| Multiph | ase Sample Matrix | | | | | |
| | s the sample have more than one phase, i.e., multiphase? | | No | | | |
| 27. If ye | s, does the COC specify which phase(s) is to be analyzed | ? | NA | | | |
| Subcont | tract Laboratory | | | | | |
| | samples required to get sent to a subcontract laboratory? | | No | | | |
| 29. Was | a subcontract laboratory specified by the client and if so | who? | NA | Subcontract Lab: na | | |

envirotech Inc.

.

Signature of client authorizing changes to the COC or sample disposition.

Date





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name:

ABO - Coyote 12"

Work Order: E209069

Job Number: 21080-0001

Received: 9/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 9/21/22

Michael Moffit 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO - Coyote 12" Workorder: E209069 Date Received: 9/15/2022 10:40:00AM

Michael Moffit,



Page 156 of 377

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/15/2022 10:40:00AM, under the Project Name: ABO - Coyote 12".

The analytical test results summarized in this report with the Project Name: ABO - Coyote 12" apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 4 |
| Sample Data | 5 |
| WS22 - 01 0 - 4' | 5 |
| QC Summary Data | 6 |
| QC - Volatile Organics by EPA 8021B | 6 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 7 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 8 |
| QC - Anions by EPA 300.0/9056A | 9 |
| Definitions and Notes | 10 |
| Chain of Custody etc. | 11 |

| | | Sample Sum | mary | | |
|-------------------------------|---------------|------------------|------------------|----------|------------------|
| Durango Midstream | | Project Name: | ABO - Coyote 12" | | Reported: |
| 10077 Grogans Mill Rd Ste 300 | | Project Number: | 21080-0001 | | Reporteu: |
| The Woodlands TX, 77380 | | Project Manager: | Michael Moffit | | 09/21/22 17:41 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| WS22 - 01 0 - 4' | E209069-01A | Soil | 09/13/22 | 09/15/22 | Glass Jar, 4 oz. |

C



| | 5 | ampic D | ala | | | |
|---|--|-----------------|--|----------|----------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | Project Name Project Numł Project Mana | ber: 2108 | D - Coyote 12" 80-0001 hael Moffit | | | Reported: 9/21/2022 5:41:56PM |
| | W | VS22 - 01 0 - 4 | t, | | | |
| | | E209069-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2238068 |
| Benzene | ND | 0.0250 | 1 | 09/15/22 | 09/17/22 | |
| Ethylbenzene | 0.0367 | 0.0250 | 1 | 09/15/22 | 09/17/22 | |
| Toluene | ND | 0.0250 | 1 | 09/15/22 | 09/17/22 | |
| p-Xylene | ND | 0.0250 | 1 | 09/15/22 | 09/17/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 09/15/22 | 09/17/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 09/15/22 | 09/17/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 98.7 % | 70-130 | 09/15/22 | 09/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2238068 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/15/22 | 09/17/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.6 % | 70-130 | 09/15/22 | 09/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2238061 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/19/22 | 09/20/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/19/22 | 09/20/22 | |
| Surrogate: n-Nonane | | 85.4 % | 50-200 | 09/19/22 | 09/20/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2239002 |
| Chloride | 127 | 20.0 | 1 | 09/18/22 | 09/20/22 | |
| | | | | | | |

Sample Data



QC Summary Data

| | | <u> </u> | | ily Date | • | | | | | | |
|---|--------------------------------|--|----------------|--|------|---------------|-------------|--------------|---|--|--|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 21 | BO - Coyote 1 1080-0001 lichael Moffit | 2" | | | | Reported: 9/21/2022 5:41:56PM | | |
| | Volatile Organics by EPA 8021B | | | | | | | | Analyst: RKS | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | |
| Blank (2238068-BLK1) | | | | | | | Prepared: 0 | 9/15/22 A | nalyzed: 09/17/22 | | |
| Benzene | ND | 0.0250 | | | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.06 | | 8.00 | | 101 | 70-130 | | | | | |
| LCS (2238068-BS1) | | | | | | | Prepared: 0 | 9/15/22 A | nalyzed: 09/17/22 | | |
| Benzene | 5.24 | 0.0250 | 5.00 | | 105 | 70-130 | | | | | |
| Ethylbenzene | 4.39 | 0.0250 | 5.00 | | 87.8 | 70-130 | | | | | |
| Toluene | 4.63 | 0.0250 | 5.00 | | 92.7 | 70-130 | | | | | |
| p-Xylene | 4.47 | 0.0250 | 5.00 | | 89.4 | 70-130 | | | | | |
| o,m-Xylene | 8.88 | 0.0500 | 10.0 | | 88.8 | 70-130 | | | | | |
| Total Xylenes | 13.3 | 0.0250 | 15.0 | | 89.0 | 70-130 | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.12 | | 8.00 | | 102 | 70-130 | | | | | |
| LCS Dup (2238068-BSD1) | | | | | | | Prepared: 0 | 9/15/22 A | nalyzed: 09/17/22 | | |
| Benzene | 5.27 | 0.0250 | 5.00 | | 105 | 70-130 | 0.629 | 20 | | | |
| Ethylbenzene | 4.41 | 0.0250 | 5.00 | | 88.2 | 70-130 | 0.375 | 20 | | | |
| Toluene | 4.67 | 0.0250 | 5.00 | | 93.3 | 70-130 | 0.712 | 20 | | | |
| p-Xylene | 4.50 | 0.0250 | 5.00 | | 89.9 | 70-130 | 0.567 | 20 | | | |
| p,m-Xylene | 8.91 | 0.0500 | 10.0 | | 89.1 | 70-130 | 0.337 | 20 | | | |
| Total Xylenes | 13.4 | 0.0250 | 15.0 | | 89.4 | 70-130 | 0.414 | 20 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.09 | | 8.00 | | 101 | 70-130 | | | | | |



QC Summary Data

| | | QU N | , ann ann a | ing Dut | 4 | | | | |
|--|--------|----------------------------------|----------------|----------------------------|----------|---------------|-------------|--------------|---------------------|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 | | Project Name: Project Number: | | BO - Coyote 1 1080-0001 | 2" | | | | Reported: |
| The Woodlands TX, 77380 | | Project Manager | :: M | lichael Moffit | | | | | 9/21/2022 5:41:56PM |
| | No | onhalogenated | Organics | by EPA 80 | 15D - GI | RO | | | Analyst: RKS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2238068-BLK1) | | | | | | | Prepared: 0 | 9/15/22 | Analyzed: 09/17/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.48 | | 8.00 | | 81.0 | 70-130 | | | |
| LCS (2238068-BS2) | | | | | | | Prepared: 0 | 9/15/22 | Analyzed: 09/17/22 |
| Gasoline Range Organics (C6-C10) | 48.8 | 20.0 | 50.0 | | 97.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.67 | | 8.00 | | 83.4 | 70-130 | | | |
| LCS Dup (2238068-BSD2) | | | | | | | Prepared: 0 | 9/15/22 | Analyzed: 09/17/22 |
| Gasoline Range Organics (C6-C10) | 50.0 | 20.0 | 50.0 | | 100 | 70-130 | 2.53 | 20 | |
| 6 6 () | 50.0 | 20.0 | | | | | | | |



QC Summary Data

| | | QC D | u 1 1 1 1 1 1 | ary Data | | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | 2 | ABO - Coyote 12 21080-0001 Michael Moffit | " | | | | Reported: 9/21/2022 5:41:56PM |
| | Nonh | alogenated Org | anics by | v EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2238061-BLK1) | | | | | | | Prepared: 0 | 9/19/22 A | Analyzed: 09/20/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 46.4 | | 50.0 | | 92.8 | 50-200 | | | |
| LCS (2238061-BS1) | | | | | | | Prepared: 0 | 9/19/22 A | Analyzed: 09/20/22 |
| Diesel Range Organics (C10-C28) | 263 | 25.0 | 250 | | 105 | 38-132 | | | |
| Surrogate: n-Nonane | 59.5 | | 50.0 | | 119 | 50-200 | | | |
| Matrix Spike (2238061-MS1) | | | | Source: E | 209068- | 02 | Prepared: 0 | 9/19/22 A | Analyzed: 09/20/22 |
| Diesel Range Organics (C10-C28) | 255 | 25.0 | 250 | ND | 102 | 38-132 | | | |
| Surrogate: n-Nonane | 47.8 | | 50.0 | | 95.6 | 50-200 | | | |
| Matrix Spike Dup (2238061-MSD1) | | | | Source: E | 209068- | 02 | Prepared: 0 | 9/19/22 A | Analyzed: 09/20/22 |
| Diesel Range Organics (C10-C28) | 254 | 25.0 | 250 | ND | 102 | 38-132 | 0.290 | 20 | |
| Surrogate: n-Nonane | 47.7 | | 50.0 | | 95.3 | 50-200 | | | |



QC Summary Data

| | | $\mathbf{x} \circ \sim$ | •••••• | | | | | | |
|---|--------|--|----------------|---|---------|---------------|-------------|--------------|---|
| Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380 | | Project Name: Project Number: Project Manager: | , | ABO - Coyote 12 21080-0001 Michael Moffit | | | | | Reported: 9/21/2022 5:41:56PM |
| | | Anions | by EPA | 300.0/9056A | | | | | Analyst: RAS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2239002-BLK1) | | | | | | | Prepared: 0 | 9/18/22 | Analyzed: 09/19/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2239002-BS1) | | | | | | | Prepared: 0 | 9/18/22 | Analyzed: 09/20/22 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | |
| Matrix Spike (2239002-MS1) | | | | Source: E | 209063- | 01 | Prepared: 0 | 9/18/22 | Analyzed: 09/20/22 |
| Chloride | 401 | 40.0 | 250 | 194 | 82.8 | 80-120 | | | |
| Matrix Spike Dup (2239002-MSD1) | | | | Source: E | 209063- | 01 | Prepared: 0 | 9/18/22 | Analyzed: 09/20/22 |
| Chloride | 451 | 40.0 | 250 | 194 | 103 | 80-120 | 11.9 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Durango Midstream | Project Name: | ABO - Coyote 12" | |
|-------------------------------|------------------|------------------|----------------|
| 10077 Grogans Mill Rd Ste 300 | Project Number: | 21080-0001 | Reported: |
| The Woodlands TX, 77380 | Project Manager: | Michael Moffit | 09/21/22 17:41 |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Project | Information |
|---------|-------------|
|---------|-------------|

| lient: | uras | NGO | | | | | В | ill To | | Lab Use Only TAT | | | | | | EPA Program | | | | | | | |
|--------------------|-----------------|----------------------|----------------|--|------|---------------|------------|----------------------|-----------|------------------|----------------------------|--------------|-------------|-------------|----------------|---------------|-----------|----------|-----------|---------|----------------|---------------|----------|
| roject: | ABO- | Ngo Coyot M. 1 | c 12 | ! 1 | | tention: | | | | Lab | wor 209 | ŧ | a | Job | Num | ber | 1D | 2D | 3D | | andard | CWA | SDW. |
| roject M | lanager: | M. 1 | noff: | <u>t</u> | | dress: | ON | File | | EZ | 209 | 00 | 04 | 20 | 280 | -0001 | 1 | | | - | X | | - |
| ddress: | a 71c | | | | | y, State, Zij | 2 | 1 | | - | 15 | 1 | - | Analy | isis ar | nd Metho | d | 1 | 1 | | | | RCRA |
| ity, Stat hone: | | 0 m | File | | | one: | | 1 | | | lq Oi | | 1 | | | | | | 100 | | | State | 1 |
| mail: | | 01 | File | | En | nail: | | N | | | 0/OR | | | | 0 | | | | | | NM CO | | TXI |
| eport d | ue by: | | | | | | | | | | /DRC | 8021 | 260 | 010 | 300. | | NN | ×. | | | | UT ML | 10 |
| Time | Date | Matrix | No of | Sample ID | | | | | Lab | 1 | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | BGDOC | BGDOC | | | | Remarks | I |
| Sampled | Sampled | | Containers | | | | | | Number | - | TPH G | BTH | No | We | CH | | BG | BGI | - | | | | |
| 1:00 | 9/13 | Soil | 1 | W522 | - 01 | | (| 0-41 | 1 | | V | V | _ | | " | | | | | _ | | | |
| | | | | | | | | | - | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | - | 1 | + | | | | | | | 1 | | | | | |
| | | | | | | | | | | - | - | - | - | | - | | - | - | | - | | | |
| | _ | | | | | | | | | - | | | | | _ | _ | | - | | _ | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| dditiona | al Instruc | tions: | | | | | . 1 | 1 1 | | | | | | | | | 1 | 1 | | | | | |
| C. (J | | AL | (| CC: | Mice | hael | Mi | tentionally mislabel | Mo | nie | <u>Ca</u> | t | cp | Pin | srequir | ing thermal r | reserva | tion mu | at be rec | e Ned n | n ce the day t | | d or mea |
| | | | | nay be grounds fo | | | angled b | y M. Wie | r | | | | | packed | in ice a | tar avg tems | above | 0 but ie | ss than E | "C on s | ublequent day | 1 | |
| linguishe | Ny (Signa | ature) | Date | Tin | ne | Received by | 1 Star | | 9-14 | na | Time |):(| 20 | Dage | | | L | abu | se On | ly | | | |
| linquiste | by Bign | afre) | Dome | 1400 | SIT | Received by | Aigatu | 11eh/L | Date | 6 | Time | . // | 0 | | | | | | | | | | |
| | nay | // | - | | 1.15 | an | h | man | 191151 | R | 10 | :4 | 0 | <u>T1</u> | | | <u>T2</u> | | | - 1 | <u>T3</u> | | |
| linguishe | d by: (Signa | ature) | Date | Tin | e | Received by | : (Signati | ire) | Uate | | lime | | | AVG | Tem | p°C_ | 4 | | | | | | |
| nole Matri | x: 5 - Soil, So | - Solid, Sg - | Sludge, A - Ad | queaus, 0 - Other | | | | | Container | Type | e: g - g | glass, | | | | | | | VOA | | | | |
| | | | | and the second state of th | | er arrangeme | nts are m | ade Hazardous | | | | | animum ment | | | | | | | eport | for the anal | ysis of the a | above |
| | | | | | | | | y of the laborator | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

| | E | Invirotech | Analyti | ical Laboratory | F | rinted: 9/15/2022 11:01:42AN |
|------------|--|--------------------|------------------------|--------------------------------|----------------|------------------------------|
| | | Sample | Receipt C | hecklist (SRC) | | |
| | : Please take note of any NO checkmarks. no response concerning these items within 24 hours of th | e date of this not | ice. all the sa | umples will be analyzed as req | uested. | |
| | | Date Received: | 09/15/22 1 | • • • | Work Order ID: | E209069 |
| Client: | - | | | | | |
| Phone: | | Date Logged In: | 09/15/22 0 | | Logged In By: | Caitlin Christian |
| Email: | mmoffit@vertex.ca | Due Date: | 09/21/22 1 | 7:00 (4 day TAT) | | |
| Chain of | <u>f Custody (COC)</u> | | | | | |
| 1. Does t | he sample ID match the COC? | | Yes | | | |
| 2. Does t | he number of samples per sampling site location matc | h the COC | Yes | | | |
| 3. Were s | samples dropped off by client or carrier? | | Yes | Carrier: UPS | | |
| 4. Was th | e COC complete, i.e., signatures, dates/times, request | ed analyses? | Yes | | | |
| 5. Were a | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the | | Yes | | Commen | ts/Resolution |
| Samuela / | i.e, 15 minute hold time, are not included in this disucssion | l. | | | <u>commen</u> | |
| | Turn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| | | | 105 | | | |
| Sample (| sample cooler received? | | Yes | | | |
| | was cooler received in good condition? | | Yes | | | |
| • · | the sample(s) received intact, i.e., not broken? | | | | | |
| | custody/security seals present? | | Yes | | | |
| | s, were custody/security seals intact? | | No | | | |
| 12. Was tl | he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample t | received w/i 15 | NA Yes <u>°C</u> | | | |
| Sample | Container | | | | | |
| | queous VOC samples present? | | No | | | |
| 15. Are V | VOC samples collected in VOA Vials? | | NA | | | |
| 16. Is the | head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| 17. Was : | a trip blank (TB) included for VOC analyses? | | NA | | | |
| 18. Are r | non-VOC samples collected in the correct containers? | | Yes | | | |
| 19. Is the | appropriate volume/weight or number of sample contained | rs collected? | Yes | | | |
| S | <u>bel</u> field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? | mation: | Yes Yes | | | |
| | Collectors name? | | No | | | |
| | Preservation | | | | | |
| 21. Does | the COC or field labels indicate the samples were pre- | served? | No | | | |
| | ample(s) correctly preserved? | | NA | | | |
| 24. Is lat | filteration required and/or requested for dissolved me | tals? | No | | | |
| Multiph | ase Sample Matrix | | | | | |
| 26. Does | the sample have more than one phase, i.e., multiphase | ? | No | | | |
| 27. If yes | s, does the COC specify which phase(s) is to be analyz | ed? | NA | | | |
| Subcont | ract Laboratory | | | | | |
| | amples required to get sent to a subcontract laboratory a subcontract laboratory specified by the client and if s | | No NA | Subcontract Lab: na | | |
| Climet I | | | | | | |

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:

ABO- Coyote 12" Steel Line

Work Order: E209190

Job Number: 21080-0001

Received: 10/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/7/22

Monica Peppin 3101 Boyd Drive Carlsbad, NM 88220 P

Page 168 of 377

Project Name: ABO- Coyote 12" Steel Line Workorder: E209190 Date Received: 10/3/2022 9:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2022 9:00:00AM, under the Project Name: ABO- Coyote 12" Steel Line.

The analytical test results summarized in this report with the Project Name: ABO- Coyote 12" Steel Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 5 |
| Sample Data | 6 |
| BS22-21 8' | 6 |
| BS22-22 8' | 7 |
| BS22-23 8' | 8 |
| BS22-24 8' | 9 |
| BS22-25 8' | 10 |
| BS22-26 8' | 11 |
| BS22-27 8' | 12 |
| BS22-28 8' | 13 |
| BS22-29 8' | 14 |
| BS22-30 8' | 15 |
| BS22-31 8' | 16 |
| BS22-32 8' | 17 |
| BS22-33 8' | 18 |
| BS22-34 8' | 19 |
| QC Summary Data | 20 |
| QC - Volatile Organics by EPA 8021B | 20 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 21 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 22 |
| QC - Anions by EPA 300.0/9056A | 23 |
| Definitions and Notes | 24 |

Table of Contents (continued)

Chain of Custody etc.

25

•

Sample Summary

| | | Sample Sum | mary | | |
|-------------------------------|---------------|------------------|-------------------|------------|------------------|
| Vertex Resource Services Inc. | | Project Name: | ABO- Coyote 12" S | Steel Line | Reported: |
| 3101 Boyd Drive | | Project Number: | 21080-0001 | | • |
| Carlsbad NM, 88220 | | Project Manager: | Monica Peppin | | 10/07/22 14:10 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| 3S22-21 8' | E209190-01A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| 3822-22 8' | E209190-02A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-23 8' | E209190-03A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-24 8' | E209190-04A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-25 8' | E209190-05A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-26 8' | E209190-06A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-27 8' | E209190-07A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-28 8' | E209190-08A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-29 8' | E209190-09A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-30 8' | E209190-10A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-31 8' | E209190-11A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-32 8' | E209190-12A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-33 8' | E209190-13A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-34 8' | E209190-14A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| | | | | | |



| | L | | | | |
|---------------|---|--|---|--|---|
| 5 | | 2 | eel Line | | Reported: |
| Project Manag | ger: Mor | ica Peppin | | 10/7/2022 2:10:55PM | |
| | BS22-21 8' | | | | |
| | E209190-01 | | | | |
| | Reporting | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Analy | st: IY | | Batch: 2241048 |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| mg/kg | mg/kg | Analy | st: IY | | Batch: 2241048 |
| ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| | 82.0 % | 70-130 | 10/04/22 | 10/07/22 | |
| mg/kg | mg/kg | Analy | st: JL | | Batch: 2241057 |
| ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| | 115 % | 50-200 | 10/05/22 | 10/06/22 | |
| mg/kg | mg/kg | Analy | st: RAS | | Batch: 2241067 |
| 181 | 20.0 | 1 | 10/05/22 | 10/06/22 | |
| | Project Name: Project Numb Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND | Project Name: ABC Project Number: 2108 Project Manager: Mor BS22-21 8' E209190-01 BS22-21 8' E209190-01 BS22-21 8' E209190-01 Mor Limit mg/kg mg/kg ND 0.0250 ND 20.0 82.0 % mg/kg mg/kg mg/kg MD 25.0 ND 50.0 ND 50.0 ND 50.0 ND 50.0 ND 50.0 | Resolt ABO- Coyot 12" State Project Name: 21080-0001 Project Manager: Monica Peppin BS22-21 8' E209190-01 E209190-01 Itimit Result Limit MD 0.0250 MD 0.0250 ND 20.0 102 % 70-130 mg/kg mg/kg MD 25.0 ND 50.0 ND 50-200 mg/kg Mg/kg | Project Number: 21080-0001 Project Manager: Monica Peppin BS22-21 8' BS22-21 8' E209190-01 Result Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/04/22 ND 20.0 1 10/04/22 MD 20.0 1 10/04/22 MD 20.0 1 10/04/22 MD 20.0 1 10/04/22 MD 20.0 1 10/04/22 | Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-21 8' E209190-01 Project Manager: Result Limit Dilution Prepared Analyzed Mp/Kg mg/kg Analyst: IY MD 0.0250 1 10/04/22 10/07/22 ND 0.0250 1 10/04/22 10/07/22 10/07/22 ND 0.0250 1 10/04/22 10/07/22 ND 20.0% 70-130 10/04/22 10/07/22 MD 20.0% 70-130 10/04/22 10/07/22 MD |

Sample Data



Sample Data

| D | ampic D | | | | |
|---------------|--|---|--|--|---|
| Project Name | : ABO | D- Coyote 12" Stee | | | |
| Project Numb | er: 2108 | 30-0001 | Reported: | | |
| Project Manag | ger: Mor | nica Peppin | | | 10/7/2022 2:10:55PM |
| | BS22-22 8' | | | | |
| | E209190-02 | | | | |
| | Reporting | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Analyst: IY | | | Batch: 2241048 |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| mg/kg | mg/kg | g Analyst: IY | | | Batch: 2241048 |
| ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| | 83.1 % | 70-130 | 10/04/22 | 10/07/22 | |
| mg/kg | mg/kg | :g Analyst: JL | | | Batch: 2241057 |
| ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| | 116 % | 50-200 | 10/05/22 | 10/06/22 | |
| mg/kg | mg/kg | Analyst | : RAS | | Batch: 2241067 |
| 149 | 20.0 | 1 | 10/05/22 | 10/06/22 | |
| | Project Name Project Numb Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND | Project Name: ABC Project Number: 2108 Project Nanager: Mor BS22-22 8' E209190-02 BS22-22 8' E209190-02 Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 83.1 % Mg/kg Mg/kg Mg/kg ND 25.0 ND 50.0 ND 50.0 ND 50.0 ND 50.0 | Project Number: 21080-0001 Project Manager: Monica Peppin BS22-22 8' E209190-02 Result Limit Dilution Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 20.0 1 Mg/kg mg/kg Analyst ND 25.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 ND< | Image: Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-22 8' Image: Project Manager: BS22-22 8' Project Manager: Result Limit Dilution Project Manager: Project Manager: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 MD 20.0 1 MD 25.0 | Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-22 8' E209190-02 Result Dilution Prepared Analyzed MC Mag/kg Mag/kg Analyst: IY Information ND 0.0250 1 10/04/22 10/07/22 ND 0.0500 1 10/04/22 10/07/22 ND 0.0250 1 10/04/22 10/07/22 ND 0.0250 1 10/04/22 10/07/22 ND 20.0 1 10/04/22 10/07/22 ND 20.0 1 10/04/22 10/07/22 ND 20.0 1 10/04/22 10/07/22 N |



Sample Data

| | 3 | ample D | ลเล | | | |
|--|--------------|------------|-------------------|----------------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | ber: 210 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | nica Peppin | | | 10/7/2022 2:10:55PM |
| | | BS22-23 8' | | | | |
| | | E209190-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: IY | | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 83.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | Batch: 2241057 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 118 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241067 |
| Chloride | 145 | 20.0 | 1 | 10/05/22 | 10/06/22 | |
| | | | | | | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|------------|-------------------|-----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 210 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/7/2022 2:10:55PM |
| | | BS22-24 8' | | | | |
| | | E209190-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: IY | | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.5 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 122 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241067 |
| Chloride | 71.9 | 20.0 | 1 | 10/05/22 | 10/06/22 | |
| | | | | | | |



Sample Data

| | 5 | ample D | ala | | | | | |
|--|---------------|------------------------------|-------------------|----------|-----------|----------------|--|--|
| Vertex Resource Services Inc. | Project Name | | D- Coyote 12" Ste | | Reported: | | | |
| 3101 Boyd Drive | 5 | oject Number: 21080-0001 | | | | | | |
| Carlsbad NM, 88220 | Project Manag | oject Manager: Monica Peppin | | | | | | |
| | | BS22-25 8' | | | | | | |
| | | E209190-05 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241048 | | |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | | | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2241048 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.0 % | 70-130 | 10/04/22 | 10/07/22 | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | g Analyst: JL | | | Batch: 2241057 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | | | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/05/22 | 10/06/22 | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241067 | | |
| Chloride | 116 | 20.0 | 1 | 10/05/22 | 10/06/22 | | | |



Sample Data

| | 5 | ample D | ala | | | |
|--|--------------|------------|-------------------|-----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | eel Line | | |
| 3101 Boyd Drive | Project Numb | per: 2108 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | ica Peppin | | | 10/7/2022 2:10:55PM |
| | | BS22-26 8' | | | | |
| | | E209190-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | kg Analyst: IY | | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | g/kg Analyst: JL | | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| urrogate: n-Nonane | | 115 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2241067 |
| Chloride | 155 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 3 | ample D | ลเล | | | |
|--|---------------|------------|-------------------|-----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 2:10:55PM |
| | | BS22-27 8' | | | | |
| | | E209190-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | :: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: IY | | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 83.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | :: JL | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| urrogate: n-Nonane | | 115 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | : RAS | | Batch: 2241067 |
| Chloride | 280 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|------------|-------------------|-----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 2:10:55PM |
| | | BS22-28 8' | | | | |
| | | E209190-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | kg Analyst: IY | | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 83.2 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | g/kg Analyst: JL | | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| urrogate: n-Nonane | | 112 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241067 |
| Chloride | 221 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 6 | ample D | ala | | | |
|--|--------------|------------|---------------------|-----------|----------|----------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | 10/7/2022 2:10:55PM | | | |
| | | BS22-29 8' | | | | |
| | | E209190-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.1 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | /kg Analyst: JL | | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241067 |
| Chloride | 182 | 20.0 | 1 | 10/05/22 | 10/07/22 | |


Sample Data

| ABO- Coyote 12 21080-0001 Monica Peppin | 2" Steel Line | | Renorted. | | | | | |
|---|--|---|--|--|--|--|--|--|
| Monica Peppin | | | Reported: | | | | | |
| | | | Reported: | | | | | |
| | | Monica Peppin | | | | | | |
| 8' | | | | | | | | |
| 10 | | | | | | | | |
| orting | | | | | | | | |
| nit Diluti | ion Prepared | Analyzed | Notes | | | | | |
| /kg A | Analyst: IY | | Batch: 2241048 | | | | | |
| 250 1 | 10/04/22 | 10/07/22 | | | | | | |
| 250 1 | 10/04/22 | 10/07/22 | | | | | | |
| 250 1 | 10/04/22 | 10/07/22 | | | | | | |
| 250 1 | 10/04/22 | 10/07/22 | | | | | | |
| 500 1 | 10/04/22 | 10/07/22 | | | | | | |
| 250 1 | 10/04/22 | 10/07/22 | | | | | | |
| 70-130 | 10/04/22 | 10/07/22 | | | | | | |
| /kg A | Analyst: IY | | Batch: 2241048 | | | | | |
| 0.0 1 | 10/04/22 | 10/07/22 | | | | | | |
| 70-130 | 10/04/22 | 10/07/22 | | | | | | |
| /kg A | Analyst: JL | | Batch: 2241057 | | | | | |
| .0 1 | 10/05/22 | 10/06/22 | | | | | | |
| 0.0 1 | 10/05/22 | 10/06/22 | | | | | | |
| 50-200 | 10/05/22 | 10/06/22 | | | | | | |
| /kg A | Analyst: RAS | | Batch: 2241067 | | | | | |
| 0.0 1 | 10/05/22 | 10/07/22 | | | | | | |
| | g/kg / A)250 1)250 1)250 1)250 1)250 1)250 1 //////////////////////////////////// | Dilution Prepared g/kg Analyst: IY 250 1 10/04/22 0250 1 10/04/22 0250 1 10/04/22 0250 1 10/04/22 0250 1 10/04/22 0250 1 10/04/22 0250 1 10/04/22 0500 1 10/04/22 0500 1 10/04/22 0250 1 10/04/22 0250 1 10/04/22 0250 1 10/04/22 g/kg Analyst: IY 0.0 1 10/04/22 g/kg Analyst: JL 5.0 1 10/05/22 0.0 1 10/05/22 50-200 10/05/22 g/kg g/kg Analyst: RAS | p-10 orting imit Prepared Analyzed g/kg Analyst: IY 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 0500 1 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 0250 1 10/04/22 10/07/22 g/kg Analyst: IY 10/07/22 g/kg Analyst: JL 10/07/22 5.0 1 10/05/22 10/06/22 0.0 1 10/05/22 10/06/22 g/kg Analyst: RAS 10/06/22 | | | | | |



Sample Data

| | 5 | ample D | ala | | | | | |
|--|---------------|------------|-------------------|------------|----------|---------------------|--|--|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 30-0001 | | | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 2:10:55PM | | |
| | | BS22-31 8' | | | | | | |
| | | E209190-11 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: IY | | | Batch: 2241048 | | |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | | | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | nalyst: IY | | Batch: 2241048 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.8 % | 70-130 | 10/04/22 | 10/07/22 | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241057 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | | | |
| Surrogate: n-Nonane | | 111 % | 50-200 | 10/05/22 | 10/06/22 | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241067 | | |
| Chloride | 43.7 | 20.0 | 1 | 10/05/22 | 10/07/22 | | | |



Sample Data

| | 3 | ample D | ลเล | | | |
|--|---------------|------------|-------------------|---------------------|----------|----------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 80-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | 10/7/2022 2:10:55PM | | |
| | | BS22-32 8' | | | | |
| | | E209190-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | Analyst: IY | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 85.3 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241067 |
| Chloride | 65.5 | 20.0 | 1 | 10/05/22 | 10/07/22 | |
| | | | | | | |



Sample Data

| | 5 | ampic D | ala | | | |
|--|------------------------------|------------|------------------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | | D- Coyote 12" Ste 80-0001 | el Line | | Reported: |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | nica Peppin | | | 10/7/2022 2:10:55PM |
| | | BS22-33 8' | | | | |
| | | E209190-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 82.4 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241067 |
| Chloride | 63.6 | 20.0 | 1 | 10/05/22 | 10/07/22 | |
| | | | | | | |



Sample Data

| | 56 | ample D | ala | | | |
|--|---------------|------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Mor | iica Peppin | | | 10/7/2022 2:10:55PM |
| |] | BS22-34 8' | | | | |
| | - | E209190-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241048 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241048 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.8 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241057 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 118 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241067 |
| Chloride | 148 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



QC Summary Data

| | | | | BO- Coyote 1 | | | | | | |
|-------------------------------------|-----------------|--------------------|----------------------------|------------------|-------------|---------------|-------------|--------------|---------------------|--|
| Vertex Resource Services Inc. | | Project Name: | | | Reported: | | | | | |
| 3101 Boyd Drive | Project Number: | | 1080-0001 | | | | | | | |
| Carlsbad NM, 88220 | | Project Manager: | ect Manager: Monica Peppin | | | | | | 10/7/2022 2:10:55PM | |
| | | Volatile Or | rganics | by EPA 802 | 21 B | | | | Analyst: IY | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | |
| Blank (2241048-BLK1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 | |
| Benzene | ND | 0.0250 | | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.09 | | 8.00 | | 101 | 70-130 | | | | |
| LCS (2241048-BS1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 | |
| Benzene | 4.73 | 0.0250 | 5.00 | | 94.7 | 70-130 | | | | |
| Ethylbenzene | 4.14 | 0.0250 | 5.00 | | 82.8 | 70-130 | | | | |
| Toluene | 4.32 | 0.0250 | 5.00 | | 86.4 | 70-130 | | | | |
| o-Xylene | 4.24 | 0.0250 | 5.00 | | 84.8 | 70-130 | | | | |
| p,m-Xylene | 8.39 | 0.0500 | 10.0 | | 83.9 | 70-130 | | | | |
| Total Xylenes | 12.6 | 0.0250 | 15.0 | | 84.2 | 70-130 | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.17 | | 8.00 | | 102 | 70-130 | | | | |
| LCS Dup (2241048-BSD1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 | |
| Benzene | 4.87 | 0.0250 | 5.00 | | 97.4 | 70-130 | 2.84 | 20 | | |
| Ethylbenzene | 4.29 | 0.0250 | 5.00 | | 85.8 | 70-130 | 3.56 | 20 | | |
| Toluene | 4.46 | 0.0250 | 5.00 | | 89.2 | 70-130 | 3.23 | 20 | | |
| p-Xylene | 4.39 | 0.0250 | 5.00 | | 87.7 | 70-130 | 3.31 | 20 | | |
| o,m-Xylene | 8.72 | 0.0500 | 10.0 | | 87.2 | 70-130 | 3.92 | 20 | | |
| Total Xylenes | 13.1 | 0.0250 | 15.0 | | 87.4 | 70-130 | 3.72 | 20 | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.10 | | 8.00 | | 101 | 70-130 | | | | |



QC Summary Data

| | | Y V V | / | ary Dat | | | | | |
|--|--|--------------------|----------------|------------------|---------------------|---------------|-------------|--------------|--------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name:ABO- Coyote 12" Steel LineProject Number:21080-0001 | | | | | Reported: | | | |
| Carlsbad NM, 88220 | | Project Manager | r: N | Monica Peppin | 10/7/2022 2:10:55PM | | | | |
| | No | nhalogenated | Organics | by EPA 80 | 15D - G | RO | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241048-BLK1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.84 | | 8.00 | | 85.5 | 70-130 | | | |
| LCS (2241048-BS2) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | 50.5 | 20.0 | 50.0 | | 101 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.64 | | 8.00 | | 83.0 | 70-130 | | | |
| LCS Dup (2241048-BSD2) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | 48.3 | 20.0 | 50.0 | | 96.7 | 70-130 | 4.45 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.96 | | 8.00 | | 87.0 | 70-130 | | | |



QC Summary Data

| | | QU DI | | ary Data | 4 | | | | |
|--|--------|----------------------------------|----------------|-----------------------------|-------------|---------------|-------------|--------------|---------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | 2 | ABO- Coyote 12 1080-0001 | 2" Steel Li | ine | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | Ν | Aonica Peppin | | | | | 10/7/2022 2:10:55PM |
| | Nonh | alogenated Org | anics by | FEPA 8015D |) - DRO | /ORO | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241057-BLK1) | | | | | | | Prepared: 1 | 0/05/22 A | nalyzed: 10/06/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 56.7 | | 50.0 | | 113 | 50-200 | | | |
| LCS (2241057-BS1) | | | | | | | Prepared: 1 | 0/05/22 A | nalyzed: 10/06/22 |
| Diesel Range Organics (C10-C28) | 267 | 25.0 | 250 | | 107 | 38-132 | | | |
| Surrogate: n-Nonane | 56.1 | | 50.0 | | 112 | 50-200 | | | |
| Matrix Spike (2241057-MS1) | | | | Source: | E209190- | 08 | Prepared: 1 | 0/05/22 A | nalyzed: 10/06/22 |
| Diesel Range Organics (C10-C28) | 275 | 25.0 | 250 | ND | 110 | 38-132 | | | |
| Surrogate: n-Nonane | 57.4 | | 50.0 | | 115 | 50-200 | | | |
| Matrix Spike Dup (2241057-MSD1) | | | | Source: | E209190- | 08 | Prepared: 1 | 0/05/22 A | nalyzed: 10/06/22 |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 38-132 | 2.79 | 20 | |
| Surrogate: n-Nonane | 58.4 | | 50.0 | | 117 | 50-200 | | | |



QC Summary Data

| | | $\mathbf{x} \in \mathcal{S}$ | | | | | | | |
|--|--------|---|----------------|--|-------------|---------------|-------------|--------------|---|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager | | ABO- Coyote 1 21080-0001 Monica Peppin | 2" Steel Li | ne | | | Reported: 10/7/2022 2:10:55PM |
| | | Anions | by EPA | 300.0/9056A | 1 | | | | Analyst: RAS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241067-BLK1) | | | Prepared: 1 | | | | | | analyzed: 10/06/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2241067-BS1) | | | | | | | Prepared: 1 | 0/05/22 A | analyzed: 10/06/22 |
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2241067-MS1) | | | | Source: | E209190- | 01 | Prepared: 1 | 0/05/22 A | analyzed: 10/06/22 |
| Chloride | 449 | 20.0 | 250 | 181 | 107 | 80-120 | | | |
| Matrix Spike Dup (2241067-MSD1) | | | | Source: | E209190- | 01 | Prepared: 1 | 0/05/22 A | analyzed: 10/06/22 |
| Chloride | 439 | 20.0 | 250 | 181 | 103 | 80-120 | 2.40 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Vertex Resource Services Inc. | Project Name: | ABO- Coyote 12" Steel Line | |
|-------------------------------|------------------|----------------------------|----------------|
| 3101 Boyd Drive | Project Number: | 21080-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Monica Peppin | 10/07/22 14:10 |

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Client: Vertex (Durango direct bill) | | | RUSH? | Lab Use C | Dnly | | | Ana | alysis ar | nd Method | 1 | lab C | nly |
|--|--------------------|----------------|--|-----------------------------------|---|-----------------|--------------|--------------|-----------|--------------------|----------------------|----------------------------|----------------------------|
| Project: ABO-Coyote 12" Steel Line | | | 1d | Lab WC | | | | | | | | | N/A |
| Sampler: L. Pullman | | | 3d | \$E20919 | 70 | | | | | | | - | (s) |
| Phone: 575-361-9880 | | | | Job Num | ber | 015 | | | 300.0 | | | Lab Number | Prsrv |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | | | 21080 - | 0001 | GRO/DRO by 8015 | 021 | 8.1 | y 30 | | | NN | ont/l |
| Project Manager: Monica Peppin | | | Pag | | | ORO | oy 8(| y 41 | de by | | | Lat | ct C |
| Sample ID | Sample Date | Sample Time | Matrix | Containers QTY - Vol/TYPE/Pres | Containers QTY - Vol/TYPE/Preservative | | BTEX by 8021 | ТРН by 418.1 | Chloride | | | | Correct Cont/Prsnv (s) Y/N |
| BS22-21 81 | 09-29-2028 | 12:45 | 50,1 | 1 402 Jan | | γ | X | χ | χ | | | 1 | |
| BS22-22 8' | 04+78-9095 | 12:50 | 50,1 | 1402 Jan | | X | X | x | χ | | | 2 | |
| B522-23 8' | 09:-29-2022 | 12:55 | Seil | 1402 Jay | | X | X | x | x | | | 3 | |
| BS22-24 8' | | 13:00 | 1 | | | | 1 | 1 | 1 | | | 4 | |
| BS22-25 8' | | 13:05 | | | | | | | | | | 5 | |
| B522-26 8' | | 13:10 | | | | | | | | | | 6 | |
| BS22-27 8' | | 13:15 | | | | | | | | | | 7 | |
| BS22-28 8' | | 13:20 | | | | | | | | | | 8 | |
| BS22-29 8' | | 13:25 | | l | | | | | | | | 9 | |
| BS22-30 8' | Xm | 13:30 | V | 1 | 1 | V | 1 | V | Ø | | | 10 | |
| Relinquished by: (Signature) Date Time Jorn June 7:00 07:00 | Received | i by: Signa | ature) | 9-300 2.0 | **R | ecei | ived | on lo | Lab | Use Only N | | | |
| Relinquished by: (Signature) Date Time | aitt | by: (Sight | wire) | 10/3/22 9:00 | _/ '±_ | G Te | _ mp° | c 4 | T2 | - | T3_ | - | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | Une | | | ner Type: g | | | | | c, ag - amb | er glass, v | - VOA | |
| *Samples requiring thermal preservation must be received on ice the day | they are sampled o | | | | less than 6 °C o | on su | bsequ | ent da | ys. | | | | _ |
| Sample(s) dropped off after hours to a secure drop off area. | | Chain o | f Custody | Notes/Billing info: | Project owner | r: Amt | ber Gro | oves, D | ourango. | Direct bill. | | | |
| envirotech Analytical Laboratory | | | nington: NM 87401 o Street: Suite 115 | Durango, EO \$1301 | Ph (505) 632-061 Ph (970) 259-063 | | | | | | ei latioratory es | windtech-Un windtech-Un | |
| | | | e 25 of 27 | | | | | | | | | | |

Page 191 of 377

Received by OCD: 11/8/2022 8:32:26 AM

| Client: Vertex (Durango direct bill) | | | RUSH? | Lab | Use Only | | | An | alysis | and Met | nod | lab | Only |
|--|--------------------|------------------|---|-------------------|--------------------------------|-----------------|--------------|--------------|-------------|-----------------|-----------|----------------------------------|----------------------------|
| Project: ABO-Coyote 12" Steel Line | | | 1d | | ab WO# | | | | | | | | N/N |
| Sampler: L. Pullman | | | 3d | PE20 | 09190 | | | | | | | 5 | (s) |
| Phone: 575-361-9880 | | | | Job | Number | 3015 | | | 300.0 | | | mbe | Prsn |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | 14 | | | 30-0001 | by 8 | 021 | 8.1 | y 30 | | | ab Number | ont/ |
| Project Manager: Monica Peppin | | | Pag | | | DRO | by 8 | y 41 | ide b | - | | Lal | ect C |
| Sample ID | Sample Date | Sample Time | Matrix | | tainers PE/Preservative | GRO/DRO by 8015 | BTEX by 8021 | TPH by 418.1 | Chloride by | | | | Correct Cont/Prsrv (s) Y/N |
| BS22-31 8' | 9-29-2022 | 13:35 | Sort | 1 40 | z Jan | x | 8 | X | x | | | 11 | |
| B522-32 8' | 9-39-2022 | 13:46 | So.1 | 1 402 | Jar | 8 | 8 | X | X | | | IZ | |
| BS22-33 8' | 9-29-2022 | 13:45 | Sor | 1 402 | Jar | 8 | x | 8 | x | | | 13 | |
| BD2-34 8' | 9-29-2022 | 13:50 | Sort | 1 40 | z Jar | X | X | 8 | χ | | | 14 | |
| | | | | | | | | | | | | | |
| Relinquished by: (Signature) Date Time Jahn Juhn 9-30-J021 07:00 | | Av: Catefra | | I-Bite | | Recei | ived | on la | | b Use Or / N | nly | | |
| Keninguished by (Signature) H-300 4/1 | Received | by: (Signa | ture | | | /G Te | | | | | | Т3 | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | they are sampled o | r received r | acked in ice : | | Container Type: | | | | | tic, ag - a | mber glas | ss, v - VOA | <u>v</u> |
| Sample(s) dropped off after hours to a secure drop off area. | and are sumpled of | | f Custody | | | | | | | o. Direct bill | | | |
| Cenvirotech Analytical Laboratory | | ngs • 65 Mercado | ington, NM 87401 Street, Suite 115 26 of 27 | Durange, CO X1301 | Ph (505) 632- Ph (970) 259- | | | | | | labora | envirotech- lory (envirotech- | |

Page 192 of 377

Received by OCD: 11/8/2022 8:32:26 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Instructions: Please take note of any NO checkmarks. | | | | | | | | |
|--|---|---------------------|--------------|--------------------------------|----------------|----------------|--|--|
| ve receive | e no response concerning these items within 24 hours of the d | late of this noti | ice, all the | samples will be analyzed as re | quested. | | | |
| Client: | Vertex Resource Services Inc. Da | te Received: | 10/03/22 | 09:00 | Work Order ID: | E209190 | | |
| Phone: | (575) 748-0176 Da | te Logged In: | 09/30/22 | 17:32 | Logged In By: | Alexa Michaels | | |
| Email: | mpeppin@vertex.ca Du | e Date: | 10/07/22 | 2 17:00 (4 day TAT) | | | | |
| Chain of | f Custody (COC) | | | | | | | |
| 1. Does t | he sample ID match the COC? | | Yes | | | | | |
| | the number of samples per sampling site location match | the COC | Yes | | | | | |
| | samples dropped off by client or carrier? | | Yes | Carrier: UPS | | | | |
| 4. Was th | ne COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | | | | |
| 5. Were a | all samples received within holding time? | · | Yes | | | | | |
| | Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | field, | | | Comment | ts/Resolution | | |
| Samnle ' | Turn Around Time (TAT) | | | | | | | |
| | e COC indicate standard TAT, or Expedited TAT? | | Yes | | | | | |
| Sample (| • | | | | | | | |
| | sample cooler received? | | Yes | | | | | |
| | was cooler received in good condition? | | Yes | | | | | |
| 9. Was th | ne sample(s) received intact, i.e., not broken? | | Yes | | | | | |
| 10. Were | custody/security seals present? | | No | | | | | |
| 11. If yes | s, were custody/security seals intact? | | NA | | | | | |
| | he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling | eived w/i 15 | Yes | | | | | |
| 13. If no | visible ice, record the temperature. Actual sample ten | perature: <u>4°</u> | <u>C</u> | | | | | |
| | <u>Container</u> | | | | | | | |
| | aqueous VOC samples present? | | No | | | | | |
| | VOC samples collected in VOA Vials? | | NA | | | | | |
| | e head space less than 6-8 mm (pea sized or less)? | | NA | | | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | | | |
| | non-VOC samples collected in the correct containers? | | Yes | | | | | |
| | appropriate volume/weight or number of sample containers | collected? | Yes | | | | | |
| Field La | | | | | | | | |
| | field sample labels filled out with the minimum information and the sample ID? | ation: | Yes | | | | | |
| | Date/Time Collected? | | Yes | | | | | |
| | Collectors name? | | No | | | | | |
| Sample] | Preservation | | | | | | | |
| 21. Does | the COC or field labels indicate the samples were prese | rved? | No | | | | | |
| 22. Are s | sample(s) correctly preserved? | | NA | | | | | |
| 24. Is lat | filteration required and/or requested for dissolved meta | ls? | No | | | | | |
| Multiph | ase Sample Matrix | | | | | | | |
| 26. Does | the sample have more than one phase, i.e., multiphase? | | No | | | | | |
| 27. If yes | s, does the COC specify which phase(s) is to be analyzed | 1? | NA | | | | | |
| <u>Subcont</u> | ract Laboratory | | | | | | | |
| | samples required to get sent to a subcontract laboratory? | | No | | | | | |
| | a subcontract laboratory specified by the client and if so | who? | NA | Subcontract Lab: na | | | | |
| ~ | nstruction | | | | | | | |



envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:

ABO- Coyote 12" Steel Line

Work Order: E209191

Job Number: 21080-0001

Received: 10/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/7/22

Monica Peppin 3101 Boyd Drive Carlsbad, NM 88220 C

Page 195 of 377

Project Name: ABO- Coyote 12" Steel Line Workorder: E209191 Date Received: 10/3/2022 9:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2022 9:00:00AM, under the Project Name: ABO- Coyote 12" Steel Line.

The analytical test results summarized in this report with the Project Name: ABO- Coyote 12" Steel Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|-------------------|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 5 |
| Sample Data | 6 |
| BS22-14 4' | 6 |
| BS22-15 4' | 7 |
| WS22-05 0 - 4' | 8 |
| WS22-06 0 - 4' | 9 |
| WS22-07 0 - 4' | 10 |
| WS22-08 2 - 4' | 11 |
| WS22-09 0 - 5' | 12 |
| WS22-10 0 - 5' | 13 |
| WS22-11 0 - 8' | 14 |
| WS22-12 0 - 8' | 15 |
| BS22-16 8' | 16 |
| BS22-17 2' | 17 |
| BS22-18 2' | 18 |
| BS22-19 2' | 19 |
| BS22-20 2' | 20 |
| WS22-13 4 - 8' | 21 |
| WS22-14 0 - 2' | 22 |
| WS22-15 0 - 2' | 23 |
| WS22-31 0 - 5' | 24 |
| WS22-16 0 - 5' | 25 |

•

Table of Contents (continued)

| QC Summary Data | 26 |
|---|----|
| QC - Volatile Organics by EPA 8021B | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A | 29 |
| Definitions and Notes | 30 |
| Chain of Custody etc. | 31 |

Sample Summarv

| | | Sample Sum | mary | | |
|--|---------------|--|--|------------|---------------------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | ABO- Coyote 12" S 21080-0001 Monica Peppin | Steel Line | Reported: 10/07/22 15:30 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| 3S22-14 4' | E209191-01A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-15 4' | E209191-02A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| /S22-05 0 - 4' | E209191-03A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| /S22-06 0 - 4' | E209191-04A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| VS22-07 0 - 4' | E209191-05A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| VS22-08 2 - 4' | E209191-06A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| /S22-09 0 - 5' | E209191-07A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| VS22-10 0 - 5' | E209191-08A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| /S22-11 0 - 8' | E209191-09A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| /S22-12 0 - 8' | E209191-10A | Soil | 09/28/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-16 8' | E209191-11A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-17 2' | E209191-12A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-18 2' | E209191-13A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-19 2' | E209191-14A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| S22-20 2' | E209191-15A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| VS22-13 4 - 8' | E209191-16A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| /S22-14 0 - 2' | E209191-17A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| /822-15 0 - 2' | E209191-18A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| /822-31 0 - 5' | E209191-19A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| /S22-16 0 - 5' | E209191-20A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |



| | 6 | ampic D | ala | | | |
|--|------------------------------|------------|-----------------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | per: 2108 | D- Coyote 12" St 80-0001 | eel Line | | Reported: |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | nica Peppin | | | 10/7/2022 3:30:10PM |
| | | BS22-14 4' | | | | |
| | | E209191-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | vst: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.5 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | rst: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 104 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | rst: RAS | | Batch: 2241068 |
| Chloride | 197 | 20.0 | 1 | 10/05/22 | 10/06/22 | |
| | | | | | | |

Sample Data

Sample Data

| | 56 | ample D | ata | | | |
|--|---------------|------------|------------------|----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" St | eel Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manag | er: Mor | iica Peppin | | | 10/7/2022 3:30:10PM |
| | | BS22-15 4' | | | | |
| | | E209191-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | /st: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | /st: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 98.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | /kg Analyst: JL | | Batch: 2241058 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | /st: RAS | | Batch: 2241068 |
| Chloride | 21.6 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ata | | | |
|--|--------------|---------------|-------------------|-----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name | e: ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | per: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | iica Peppin | | | 10/7/2022 3:30:10PM |
| | v | VS22-05 0 - 4 | • | | | |
| | | E209191-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 96.9 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | /kg Analyst: JL | | Batch: 2241058 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 93.4 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | ND | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|-----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 3:30:10PM |
| | W | VS22-06 0 - 4 | , | | | |
| | | E209191-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.9 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | /kg Analyst: JL | | Batch: 2241058 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 107 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | ND | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 3:30:10PM |
| | W | /822-07 0 - 4 | 1 | | | |
| | | E209191-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241049 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 97.9 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | Batch: 2241058 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 100 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | 85.2 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | | |
|--|---|---------------|-------------------|-----------|----------------|----------------|--|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 30-0001 | Reported: | | | |
| Carlsbad NM, 88220 | 1, 88220 Project Manager: Monica Peppin | | | | | | |
| | W | VS22-08 2 - 4 | , | | | | |
| | | E209191-06 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 | |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.9 % | 70-130 | 10/04/22 | 10/07/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | /kg Analyst: JL | | Batch: 2241058 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 10/05/22 | 10/06/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 | |
| Chloride | ND | 20.0 | 1 | 10/05/22 | 10/06/22 | | |



Sample Data

| | | ampic D | | | | |
|--|--|---------------|---|--------------------------------------|----------------|----------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numb Project Manag | er: 210 | D- Coyote 12" Ste 80-0001 nica Peppin | Reported: 10/7/2022 3:30:10PM | | |
| | W | VS22-09 0 - 5 | ' | | | |
| | | E209191-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 96.6 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | Batch: 2241058 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 111 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | 290 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 3:30:10PM |
| | W | /S22-10 0 - 5 | 1 | | | |
| | | E209191-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 97.2 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | 326 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|----------------|---------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Number | er: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 3:30:10PM |
| | W | /822-11 0 - 8 | 1 | | | |
| | | E209191-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.5 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 111 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | 528 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/7/2022 3:30:10PM |
| | W | /822-12 0 - 8 | ' | | | |
| | | E209191-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.2 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| urrogate: n-Nonane | | 114 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241068 |
| Chloride | 137 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | D. | ample D | ala | | | |
|--|---------------|------------|------------------|-----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | : ABO | D- Coyote 12" St | teel Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 3:30:10PM |
| | | BS22-16 8' | | | | |
| | | E209191-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | vst: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | vst: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.6 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | yst: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | 28.0 | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 113 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | vst: RAS | | Batch: 2241068 |
| Chloride | 52.2 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|----------------|------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Number | | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 3:30:10PM |
| | | BS22-17 2' | | | | |
| | | E209191-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.4 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 113 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | 171 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|------------|------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" St | eel Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 80-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/7/2022 3:30:10PM |
| | | BS22-18 2' | | | | |
| | | E209191-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | /st: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | /st: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 96.0 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | vst: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | 42.2 | 25.0 | 1 | 10/05/22 | 10/06/22 | |
| Oil Range Organics (C28-C36) | 51.5 | 50.0 | 1 | 10/05/22 | 10/06/22 | |
| Surrogate: n-Nonane | | 110 % | 50-200 | 10/05/22 | 10/06/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | vst: RAS | | Batch: 2241068 |
| Chloride | 55.9 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | Di | ample D | ala | | | |
|---|----------------|------------|---------------|------------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" | Steel Line | | |
| 3101 Boyd Drive | Project Number | er: 2108 | 80-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 3:30:10PM |
| | | BS22-19 2' | | | | |
| | | E209191-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | n Prepared | Analyzed | Notes |
| olatile Organics by EPA 8021B | mg/kg | mg/kg | An | alyst: RKS | | Batch: 2241049 |
| enzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| thylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| otal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| onhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | alyst: RKS | | Batch: 2241049 |
| asoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 82.8 % | 70-130 | 10/04/22 | 10/07/22 | |
| onhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: JL | | Batch: 2241058 |
| iesel Range Organics (C10-C28) | 33.3 | 25.0 | 1 | 10/05/22 | 10/07/22 | |
| il Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/07/22 | |
| urrogate: n-Nonane | | 117 % | 50-200 | 10/05/22 | 10/07/22 | |
| nions by EPA 300.0/9056A | mg/kg | mg/kg | An | alyst: RAS | | Batch: 2241068 |
| hloride | 233 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|----------------|------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Number | er: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 3:30:10PM |
| | | BS22-20 2' | | | | |
| | | E209191-15 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.9 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 113 % | 50-200 | 10/05/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241068 |
| Chloride | 157 | 20.0 | 1 | 10/05/22 | 10/06/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 3:30:10PM |
| | W | /S22-13 4 - 8 | • | | | |
| | | E209191-16 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.4 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | 35.1 | 25.0 | 1 | 10/05/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | 10/05/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241068 |
| Chloride | 45.6 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|----------|----------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 80-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 3:30:10PM |
| | W | /822-14 0 - 2 | • | | | |
| | | E209191-17 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.9 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | 27.3 | 25.0 | 1 | 10/05/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 111 % | 50-200 | 10/05/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241068 |
| Chloride | 53.3 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | | | | ata | | 5 | |
|------------------------------------|----------|----------|---------------|-----------------------------------|----------------|--|--|
| Reported: 2022 3:30:10PM | 10 | e | 12" Steel Lin | D- Coyote 0-0001 ica Peppir | ber: 2108 | Project Name Project Numb Project Mana | 3101 Boyd Drive |
| | | | | , | VS22-15 0 - 2 | v | |
| | | | | | E209191-18 | | |
| | | | | | Reporting | | |
| lotes | Analyzed | Prepared | ution P | Dil | Limit | Result | Analyte |
| h: 2241049 | В | 5 | Analyst: RKS | | mg/kg | mg/kg | Volatile Organics by EPA 8021B |
| | 10/07/22 | 0/04/22 | 1 1 | | 0.0250 | ND | Benzene |
| | 10/07/22 | 0/04/22 | 1 1 | | 0.0250 | ND | Ethylbenzene |
| | 10/07/22 | 0/04/22 | 1 1 | | 0.0250 | ND | oluene |
| | 10/07/22 | 0/04/22 | 1 1 | | 0.0250 | ND | o-Xylene |
| | 10/07/22 | 0/04/22 | 1 1 | | 0.0500 | ND | o,m-Xylene |
| | 10/07/22 | 0/04/22 | 1 1 | | 0.0250 | ND | Total Xylenes |
| | 10/07/22 | 10/04/22 | 1 | 70-130 | 103 % | | urrogate: 4-Bromochlorobenzene-PID |
| h: 2241049 | В | 5 | Analyst: RKS | | mg/kg | mg/kg | Nonhalogenated Organics by EPA 8015D - GRO |
| | 10/07/22 | 0/04/22 | 1 1 | | 20.0 | ND | Gasoline Range Organics (C6-C10) |
| | 10/07/22 | 10/04/22 | 1 | 70-130 | 84.9 % | | Surrogate: 1-Chloro-4-fluorobenzene-FID |
| h: 2241058 | В | | Analyst: JL | | mg/kg | mg/kg | Nonhalogenated Organics by EPA 8015D - DRO/ORO |
| | 10/07/22 | 0/05/22 | 1 1 | | 25.0 | ND | Diesel Range Organics (C10-C28) |
| | 10/07/22 | 0/05/22 | 1 1 | | 50.0 | ND | Dil Range Organics (C28-C36) |
| | 10/07/22 | 10/05/22 | 1 | 50-200 | 114 % | | Surrogate: n-Nonane |
| h: 2241068 | В | 5 | Analyst: RAS | | mg/kg | mg/kg | Anions by EPA 300.0/9056A |
| | 10/07/22 | 0/05/22 | 1 1 | | 20.0 | 133 | Chloride |
| cl | В | 5 | Analyst: RAS | 50-200 | 114 % mg/kg | mg/kg | Surrogate: n-Nonane Anions by EPA 300.0/9056A |


Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|--------------|---------------------|----------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | 10/7/2022 3:30:10PM | |
| | W | /S22-31 0 - 5 | 1 | | | |
| | | E209191-19 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | Analyst: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | :: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/05/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | :: RAS | | Batch: 2241068 |
| Chloride | 254 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|--------------|---------------------|----------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 210 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | 10/7/2022 3:30:10PM | |
| | W | /822-16 0 - 5 | • | | | |
| | | E209191-20 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | Analyst: RKS | | Batch: 2241049 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2241049 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.1 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241058 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/05/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/05/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/05/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241068 |
| Chloride | 242 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



QC Summary Data

| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 21 | BO- Coyote 12 1080-0001 Ionica Peppin | " Steel Li | ne | | | Reported: 10/7/2022 3:30:10PM |
|--|-----------------|--|-------------------------|---|------------|--------------------|-------------|-------------------|---|
| | | Volatile Or | rganics l | oy EPA 8021 | B | | | | Analyst: RKS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2241049-BLK1) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/07/22 |
| Benzene | ND | 0.0250 | | | | | • | | • |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| o,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.13 | | 8.00 | | 102 | 70-130 | | | |
| LCS (2241049-BS1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 |
| Benzene | 3.91 | 0.0250 | 5.00 | | 78.2 | 70-130 | | | |
| Ethylbenzene | 4.20 | 0.0250 | 5.00 | | 84.1 | 70-130 | | | |
| Toluene | 4.25 | 0.0250 | 5.00 | | 84.9 | 70-130 | | | |
| p-Xylene | 4.33 | 0.0250 | 5.00 | | 86.5 | 70-130 | | | |
| p,m-Xylene | 8.53 | 0.0500 | 10.0 | | 85.3 | 70-130 | | | |
| Total Xylenes | 12.9 | 0.0250 | 15.0 | | 85.7 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.09 | | 8.00 | | 101 | 70-130 | | | |
| LCS Dup (2241049-BSD1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/07/22 |
| Benzene | 4.60 | 0.0250 | 5.00 | | 91.9 | 70-130 | 16.1 | 20 | |
| Ethylbenzene | 4.97 | 0.0250 | 5.00 | | 99.4 | 70-130 | 16.7 | 20 | |
| Toluene | 4.99 | 0.0250 | 5.00 | | 99.9 | 70-130 | 16.2 | 20 | |
| p-Xylene | 5.11 | 0.0250 | 5.00 | | 102 | 70-130 | 16.7 | 20 | |
| o,m-Xylene | 10.1 | 0.0500 | 10.0 | | 101 | 70-130 | 16.4 | 20 | |
| Total Xylenes | 15.2 | 0.0250 | 15.0 | | 101 | 70-130 | 16.5 | 20 | |
| | | | | | | | | | |



QC Summary Data

| | | $\chi \cup \sim$ | | ary Date | | | | | |
|--|--------|---------------------------------|----------------|----------------------------|-------------|---------------|-------------|--------------|---------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number | | ABO- Coyote 1 1080-0001 | 2" Steel Li | ine | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager | r: N | Aonica Peppin | | | | | 10/7/2022 3:30:10PM |
| | No | nhalogenated | Organics | by EPA 80 | 15D - G | RO | | | Analyst: RKS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241049-BLK1) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.72 | | 8.00 | | 96.6 | 70-130 | | | |
| LCS (2241049-BS2) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | 43.1 | 20.0 | 50.0 | | 86.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.72 | | 8.00 | | 96.5 | 70-130 | | | |
| LCS Dup (2241049-BSD2) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | 46.8 | 20.0 | 50.0 | | 93.6 | 70-130 | 8.38 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.84 | | 8.00 | | 98.0 | 70-130 | | | |



QC Summary Data

| | | QC D | u I I I I I I | aly Data | L | | | | |
|--|-----------------|--|-------------------------|---|-------------------|--------------------|-------------|-------------------|--------------------------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | ABO- Coyote 12 21080-0001 Monica Peppin | 2" Steel L | ine | | | Reported: 10/7/2022 3:30:10PM |
| | Nonh | alogenated Org | anics by | y EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2241058-BLK1) | | | | | | | Prepared: 1 | 0/05/22 | Analyzed: 10/06/22 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 61.1 | | 50.0 | | 122 | 50-200 | | | |
| LCS (2241058-BS1) | | | | | | | Prepared: 1 | 0/05/22 | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | 206 | 25.0 | 250 | | 82.4 | 38-132 | | | |
| Surrogate: n-Nonane | 53.6 | | 50.0 | | 107 | 50-200 | | | |
| Matrix Spike (2241058-MS1) | | | | Source: 1 | E209191- | 05 | Prepared: 1 | 0/05/22 | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | 229 | 25.0 | 250 | ND | 91.5 | 38-132 | | | |
| Surrogate: n-Nonane | 54.9 | | 50.0 | | 110 | 50-200 | | | |
| Matrix Spike Dup (2241058-MSD1) | | | | Source: | E 209191 - | 05 | Prepared: 1 | 0/05/22 | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | 223 | 25.0 | 250 | ND | 89.1 | 38-132 | 2.69 | 20 | |
| Surrogate: n-Nonane | 54.5 | | 50.0 | | 109 | 50-200 | | | |



QC Summary Data

| | | C | - | | - | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|--------------------|---------------|-----------|--------------|---------------------|
| Vertex Resource Services Inc. | | Project Name: | | ABO- Coyote 12 | " Steel Li | ne | | | Reported: |
| 3101 Boyd Drive | | Project Number: | 1 | 21080-0001 | | | | | • |
| Carlsbad NM, 88220 | | Project Manager: | : 1 | Monica Peppin | | | | | 10/7/2022 3:30:10PM |
| | | Anions | by EPA | . 300.0/9056A | | | | | Analyst: RAS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241068-BLK1) | | | | | | | Prepared: | 10/05/22 | Analyzed: 10/06/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2241068-BS1) | | | | | | | Prepared: | 10/05/22 | Analyzed: 10/06/22 |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2241068-MS1) | | | | Source: l | E 209191- (|)1 | Prepared: | 10/05/22 | Analyzed: 10/06/22 |
| Chloride | 555 | 20.0 | 250 | 197 | 143 | 80-120 | | | M2 |
| Matrix Spike Dup (2241068-MSD1) | | | | Source: l | E 209191- (|)1 | Prepared: | 10/05/22 | Analyzed: 10/06/22 |
| Chloride | 489 | 20.0 | 250 | 197 | 117 | 80-120 | 12.6 | 20 | |
| | | | | | | | | | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| | Demition | 5 unu 1 (0105 | |
|-------------------------------|------------------|----------------------------|----------------|
| Vertex Resource Services Inc. | Project Name: | ABO- Coyote 12" Steel Line | |
| 3101 Boyd Drive | Project Number: | 21080-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Monica Peppin | 10/07/22 15:30 |
| | | | |

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Client: Vertex (Durango direct bill) | | | RUSH? | Lab Use Only | | | Anal | lysis and Method | lab Only |
|--|--------------------|-------------------|--|---|-----------------|---------|---------|----------------------------|--|
| Project: ABO-Coyote 12" Steel Line Sampler: Mr Witer | | _ | 1d 3d | Lab WO# PE209191 | | | | | Lab Number Correct Cont/Prsrv (s) Y/N |
| Phone: 575-361-9880 | | | — ³⁴ | Job Number | 115 | | | 0. | nber rsrv (|
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | | | 21080-0001 | by 8C | 121 | 3.1 | / 300 | Lab Number Cont/Prsrv |
| Project Manager: Monica Peppin | - | | Page | e of | DRO | by 8021 | y 418.1 | de by | ct Co |
| Sample ID | Sample Date | Sample Time | Matrix | Containers QTY - Vol/TYPE/Preservative | GRO/DRO by 8015 | BTEX I | трн by | Chloride by 300.0 | Corre |
| BB22201051 BS22-14 41 | 9-28-2022 | 09:15 | Soul | 1 402 Jur | X | χ | X | χ | 1 |
| 8522-15 4 | 9-28-22 | 09:20 | Sol | 1 402 Javr | X | 7 | 8 | 7 | 2 |
| WS22-05 0-4' | 9-28-22 | 09:30 | Soil | 1 toz Jan | X | X | 8 | X | 3 |
| WS22-06 0-4' | | 09:40 | | 1 | | | 1 | | 4 |
| WS22-07 0-4' | | 12:00 | | | | | | | 5 |
| WS22-08 2-4' | | 12:10 | | | | | | | 6 |
| WS22-09 0-5' | | 14:20 | | | | | | | 7 |
| WS22-10 0-5' | | 14:25 | | | | | | | 8 |
| WS22-11 0-8' | | 14:30 | | | | | | | 9 |
| WS22-12 0-8' | V | 14:35 | 2 | \checkmark | V | V | | 8 | 10 |
| Relinquished by: (Signature) Date Time | Receive | d by: (Signa | ature) | 9-30-22,000 * | *Recei | ved | on Ice | Lab Use Only | |
| Helinguished by: (Signature) 9-3-32 4:50 | Catl | d by: (Signa | ture) | Date Time T | | | 1 | Γ2 | Т3 |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | | | Container Type: | | | | plastic, ag - amber | glass, v - VOA |
| **Samples requiring thermal preservation must be received on ice the day Sample(s) dropped off after hours to a secure drop off area. | they are sampled o | | f Custody | Nata (Dilling infer | | | | s. Irango. Direct bill. | |
| Cenvirotech Analytical Laboratory | | ings + 65 Mercado | ington, NM 87401 5 Street, Suite 115, 1 9 31 of 33 | | | | | | envirotech-inc.com aboratory=envirotech-inc.com |

| Client: Vertex (Durango direct bill) | | | RUSH? | La | ab Use Only | | | An | alysis a | nd Metho | d | lab Or |
|--|-----------------------|-------------------|-------------------|--------------------|--------------------------------|---------------|-----------|---------|----------|--------------------------|----------------------------|--------------|
| Project: ABO-Coyote 12" Steel Line | | | 1d | | Lab WO# | | | | | | | |
| Sampler: L. Pullman | | | 3d | PEZ | 19090 | | | | | | | - |
| Phone: 575-361-9880 | | | | | ob Number | 8015 | | | 300.0 | | | mbe |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | | | 2108 | 1000-0 | þγ | 8021 | 418.1 | by 30 | | | Lab Number |
| Project Manager: Monica Peppin | | - | Pag | | | DRO | by 8 | by 41 | | | | La |
| Sample ID | Sample Date | Sample Time | Matrix | | ontainers TYPE/Preservative | " GRO/DRO | BTEX by 3 | TPH b | Chloride | | - | Lab Number |
| BS22-16 8' | 9-29-2022 | 10:15 | Sail | 1 yoz | Jour | Х | X | X | χ | | | 15 |
| BS22-17 2' | 9-29-2022 | | So.1 | 1 402 | Jour | X | X | X | χ | | | 12 |
| 8527-18 2, | 9-29-2022 | A DECK OFFICE | Sorl | 1402 | Jour | X | X | x | X | | | 13 |
| BS22-19 2' | | 10:30 | 1 | | | | 1 | 1 | | | | 14 |
| BS22-20 2' | | 10:55 | | | | | | | | | | 15 |
| WS22-13 4-8' | | 10:40 | | | | | | | | | | 16 |
| WS22-14 0-2' | | 10:45 | | | | | | | | | | 17 |
| WS22-15 0-2' | | 10:50 | | | | | | | | | | 18 |
| WS22-31 0-5' | | 07:15 | | | ь | | | | | | | 19 |
| WS22-16 0-5' | \$60 | 07:20 | V | V | (| V | V | J | 1 | | | 20 |
| Relinquished by: (Signature) Date Time | Redeiwer | d by (Signa | ature) | 1-3Date | 2:00 | **Recei | ived | on lo | - | Use Only N | | |
| Refinduished by (Signature) Date Time 4-30-32-4,15 | P alla | d by: Sign | ture | 10 3/22 | | T1 AVG Te | - mp° | c_4 | T2 | _ | Т3_ | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | | | 1. Calence Calence | Container Typ | | | | | c, <mark>ag</mark> - amb | per glass, v | - VOA |
| *Samples requiring thermal preservation must be received on ice the da Sample(s) dropped off after hours to a secure drop off area. | ey they are sampled o | Cab. Diversity | f Custody | | and the fact | | | 1.1.1.1 | | Direct bill | | _ |
| | | chanto | · custody | | - Project d | wner: Amb | Jer Gr | oves, L | urango. | Direct Dill. | | |
| Benvirotech | | Act of the second | lington, NM 87401 | | | 532-0615 Fx (| | | | | and a second second second | wrotech-inc. |
| Analytical Laboratory | Three Spri | | e 32 of 33 | Durango, CD 81301 | Ph (970) | 259-0615 Fr (| 800) 162 | -18/9 | | | laboratorygien | vaalech-mic |

Page 225 of 377

Received by OCD: 11/8/2022 8:32:26 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Vertex Resource Services Inc. | Date Received: | 10/03/22 0 | 9:00 | Work Order ID: E209191 |
|-------------------|---|----------------------|------------|-------------------|---|
| Phone: | (575) 748-0176 E | Date Logged In: | 09/30/22 1 | 7:36 | Logged In By: Alexa Michaels |
| Email: | | Due Date: | | 17:00 (4 day TAT) | |
| <u>Chain c</u> | f Custody (COC) | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | |
| 2. Does | the number of samples per sampling site location match | the COC | Yes | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: U | JPS |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requeste | d analyses? | Yes | _ | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion. | | Yes | | Comments/Resolution |
| Sample | <u>Turn Around Time (TAT)</u> | | | | |
| 6. Did t | ne COC indicate standard TAT, or Expedited TAT? | | Yes | | Project ABO-Coyote 12 Steel Line has |
| Sample | Cooler | | | | been separated into 2 reports due to sample |
| 7. Was a | a sample cooler received? | | Yes | | volume. Workorders are as follows: |
| 8. If yes | , was cooler received in good condition? | | Yes | | E209191 & E209192 |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | |
| 10. Wer | e custody/security seals present? | | No | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | |
| 12. Was | the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are r | | Yes | | |
| 12 Ifm | minutes of sampling visible ice, record the temperature. Actual sample te | mmanatura, 1º | C | | |
| | | imperature. <u>4</u> | <u>c</u> | | |
| | <u>Container</u> aqueous VOC samples present? | | No | | |
| | VOC samples collected in VOA Vials? | | No NA | | |
| | e head space less than 6-8 mm (pea sized or less)? | | NA | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | |
| | non-VOC samples collected in the correct containers? | | Yes | | |
| | e appropriate volume/weight or number of sample containers. | 's collected? | Yes | | |
| Field La | | s sometion. | 105 | | |
| | e field sample labels filled out with the minimum inform | nation: | | | |
| | Sample ID? | | Yes | | |
| | Date/Time Collected? | | Yes | | |
| | Collectors name? | | No | | |
| - | Preservation | 10 | | | |
| | s the COC or field labels indicate the samples were pres | erved? | No | | |
| | sample(s) correctly preserved? | -0109 | NA N- | | |
| | b filteration required and/or requested for dissolved met | a15 (| No | | |
| | nase Sample Matrix | | | | |
| 26. Doe | s the sample have more than one phase, i.e., multiphase | | No | | |
| 07.70 | es, does the COC specify which phase(s) is to be analyze | ed? | NA | | |
| 27. If ye | | | | | |
| Subcon | tract Laboratory_ | | | | |
| Subcon 28. Are | tract Laboratory_ samples required to get sent to a subcontract laboratory' a subcontract laboratory specified by the client and if s | | No | | |

Signature of client authorizing changes to the COC or sample disposition.



•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:

ABO- Coyote 12" Steel Line

Work Order: E209192

Job Number: 21080-0001

Received: 10/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/7/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/7/22

Monica Peppin 3101 Boyd Drive Carlsbad, NM 88220 C

Page 228 of 377

Project Name: ABO- Coyote 12" Steel Line Workorder: E209192 Date Received: 10/3/2022 9:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/3/2022 9:00:00AM, under the Project Name: ABO- Coyote 12" Steel Line.

The analytical test results summarized in this report with the Project Name: ABO- Coyote 12" Steel Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759

ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 5 |
| Sample Data | 6 |
| WS22-17 0 - 5' | 6 |
| WS22-18 0 - 8' | 7 |
| WS22-19 0 - 8' | 8 |
| WS22-20 0 - 8' | 9 |
| WS22-21 0 - 8' | 10 |
| WS22-22 0 - 8' | 11 |
| WS22-23 0 - 8' | 12 |
| WS22-24 0 - 8' | 13 |
| WS22-25 0 - 8' | 14 |
| WS22-26 0 - 8' | 15 |
| WS22-27 0 - 8' | 16 |
| WS22-28 0 - 8' | 17 |
| WS22-29 0 - 8' | 18 |
| WS22-30 0 - 8' | 19 |
| QC Summary Data | 20 |
| QC - Volatile Organics by EPA 8021B | 20 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 21 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 22 |
| QC - Anions by EPA 300.0/9056A | 23 |
| Definitions and Notes | 24 |

Table of Contents (continued)

Chain of Custody etc.

25

•

Sample Summarv

| | | Sample Sum | mary | | |
|--|---------------|--|--|------------|---------------------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | ABO- Coyote 12" S 21080-0001 Monica Peppin | Steel Line | Reported: 10/07/22 14:07 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| | Lab Sample ID | wiati ix | Sampicu | Ketelveu | Container |
| WS22-17 0 - 5' | E209192-01A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-18 0 - 8' | E209192-02A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-19 0 - 8' | E209192-03A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-20 0 - 8' | E209192-04A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-21 0 - 8' | E209192-05A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-22 0 - 8' | E209192-06A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-23 0 - 8' | E209192-07A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-24 0 - 8' | E209192-08A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-25 0 - 8' | E209192-09A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-26 0 - 8' | E209192-10A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-27 0 - 8' | E209192-11A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-28 0 - 8' | E209192-12A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-29 0 - 8' | E209192-13A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| WS22-30 0 - 8' | E209192-14A | Soil | 09/29/22 | 10/03/22 | Glass Jar, 4 oz. |
| | | | | | |



| | 5 | ample D | ala | | | | |
|--|--|---------------|------------------|-----------|----------------|---------------------|--|
| Vertex Resource Services Inc. | Project Name | | D- Coyote 12" Si | teel Line | | Reported: | |
| 3101 Boyd Drive Carlsbad NM, 88220 | Project Number: 21080-0001 Project Manager: Monica Peppin | | | | | | |
| Cansoau IVIVI, 88220 | Floject Mana | gei. Wo | nea reppin | | | 10/7/2022 2:07:33PM | |
| | V | VS22-17 0 - 5 | • | | | | |
| | | E209192-01 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | vst: IY | | Batch: 2241050 | |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/06/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | | Batch: 2241050 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.4 % | 70-130 | 10/04/22 | 10/06/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | vst: JL | | Batch: 2241059 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | | |
| Surrogate: n-Nonane | | 107 % | 50-200 | 10/06/22 | 10/07/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | yst: RAS | | Batch: 2241069 | |
| Chloride | 129 | 20.0 | 1 | 10/05/22 | 10/07/22 | | |

Sample Data



Sample Data

| | | ampic D | | | | |
|--|---|---------------|---|----------|----------------|---|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numbo Project Manag | er: 2108 | D- Coyote 12" Ste 80-0001 nica Peppin | el Line | | Reported: 10/7/2022 2:07:33PM |
| | W | /S22-18 0 - 8 | ' | | | |
| | | E209192-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: IY | | | Batch: 2241050 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 82.0 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | Batch: 2241059 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| urrogate: n-Nonane | | 110 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 127 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | | ampic D | | | | |
|--|---|---------------|--|----------|----------------|--------------------------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numbe Project Manag | er: 210 | D- Coyote 12" Stee 30-0001 nica Peppin | el Line | | Reported: 10/7/2022 2:07:33PM |
| | W | /S22-19 0 - 8 | ' | | | |
| | | E209192-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | :: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: IY | | | Batch: 2241050 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.3 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | Batch: 2241059 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | : RAS | | Batch: 2241069 |
| Chloride | 120 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | Di | ample D | ala | | | |
|--|---------------|---------------|-------------------|----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/7/2022 2:07:33PM |
| | W | /S22-20 0 - 8 | 1 | | | |
| | | E209192-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241050 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.0 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241059 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 111 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 109 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | Di | ample D | ala | | | |
|--|---------------|--------------|-------------------|----------------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 80-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/7/2022 2:07:33PM |
| | W | S22-21 0 - 8 | , | | | |
| | | E209192-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241050 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 85.4 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | Batch: 2241059 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 241 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | ~ | ampic D | | | | |
|--|---------------|---------------|-------------------|-----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" Ste | | | |
| 3101 Boyd Drive | Project Numb | | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/7/2022 2:07:33PM |
| | W | /S22-22 0 - 8 | , | | | |
| | | E209192-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | kg Analyst: IY | | | Batch: 2241050 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.3 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | Batch: 2241059 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 186 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | | ampic D | ucu | | | |
|--|----------------------------|---------------|---------------|----------|----------------|----------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Number: 21080-0001 | | | | | |
| | W | /S22-23 0 - 8 | ' | | | |
| | | E209192-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 105 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: IY | | | Batch: 2241050 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 81.4 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | Batch: 2241059 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| urrogate: n-Nonane | | 106 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | :: RAS | | Batch: 2241069 |
| Chloride | 190 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|----------------|---------------|-------------------|-----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Number | | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 2:07:33PM |
| | W | /S22-24 0 - 8 | • | | | |
| | | E209192-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 105 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241050 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 83.2 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241059 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 114 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | Di | ample D | ala | | | |
|--|---------------|---------------|-------------------|----------------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 80-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/7/2022 2:07:33PM |
| | W | /S22-25 0 - 8 | • | | | |
| | | E209192-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241050 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.3 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | Batch: 2241059 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241069 |
| Chloride | 205 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|---------------|---------------|-------------------|-----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/7/2022 2:07:33PM |
| | W | /822-26 0 - 8 | 1 | | | |
| | | E209192-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241050 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.3 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241059 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241069 |
| Chloride | 513 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 50 | imple D | ala | | | |
|--|----------------|--------------|-------------------|----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manage | er: Mor | iica Peppin | | | 10/7/2022 2:07:33PM |
| | W | S22-27 0 - 8 | • | | | |
| |] | E209192-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241050 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 83.6 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241059 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 412 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | Da | imple D | ala | | | |
|--|----------------|--------------|-------------------|----------|----------------|---------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | r: 2108 | 30-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manage | er: Mor | iica Peppin | | | 10/7/2022 2:07:33PM |
| | W | S22-28 0 - 8 | , | | | |
| |] | E209192-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | | Batch: 2241050 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 86.7 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241059 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 382 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 50 | ampie D | ala | | | |
|--|----------------|---------------|------------|---------------------|----------|----------------|
| Vertex Resource Services Inc. | Project Name: | | | | | |
| 3101 Boyd Drive | Project Number | er: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | 10/7/2022 2:07:33PM | | |
| | W | /S22-29 0 - 8 | 1 | | | |
| | | E209192-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241050 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.6 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241059 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241069 |
| Chloride | 278 | 20.0 | 1 | 10/05/22 | 10/07/22 | |



Sample Data

| | 25 | ample D | ลเล | | | |
|--|---------------|---------------|-------------|---------------------|----------|----------------|
| Vertex Resource Services Inc. | Project Name: | ABO | | | | |
| 3101 Boyd Drive | Project Numbe | | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | 10/7/2022 2:07:33PM | | |
| | W | /S22-30 0 - 8 | 1 | | | |
| | | E209192-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | :: IY | | Batch: 2241050 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/06/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | :: IY | | Batch: 2241050 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/06/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.4 % | 70-130 | 10/04/22 | 10/06/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | :: JL | | Batch: 2241059 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | : RAS | | Batch: 2241069 |
| Chloride | 137 | 20.0 | 1 | 10/05/22 | 10/07/22 | |
| | | | | | | |



QC Summary Data

| | | _ | | • | | | | | | | |
|-------------------------------------|--------|--------------------------------|----------------|------------------|-------------|---------------------|------------------|--------------|--------------------|--|--|
| Vertex Resource Services Inc. | | Project Name: | | BO- Coyote 1 | 2" Steel Li | | Reported: | | | | |
| 3101 Boyd Drive | | Project Number: | 2 | 1080-0001 | | | | | | | |
| Carlsbad NM, 88220 | | Project Manager: | Ν | Ionica Peppin | | 10/7/2022 2:07:33PM | | | | | |
| | | Volatile Organics by EPA 8021B | | | | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | |
| Blank (2241050-BLK1) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/06/22 | | |
| Benzene | ND | 0.0250 | | | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | | | |
| o,m-Xylene | ND | 0.0500 | | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.17 | | 8.00 | | 102 | 70-130 | | | | | |
| LCS (2241050-BS1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/06/22 | | |
| Benzene | 4.81 | 0.0250 | 5.00 | | 96.2 | 70-130 | | | | | |
| Ethylbenzene | 4.01 | 0.0250 | 5.00 | | 80.2 | 70-130 | | | | | |
| Toluene | 4.24 | 0.0250 | 5.00 | | 84.8 | 70-130 | | | | | |
| p-Xylene | 4.11 | 0.0250 | 5.00 | | 82.3 | 70-130 | | | | | |
| p,m-Xylene | 8.14 | 0.0500 | 10.0 | | 81.4 | 70-130 | | | | | |
| Total Xylenes | 12.3 | 0.0250 | 15.0 | | 81.7 | 70-130 | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.16 | | 8.00 | | 102 | 70-130 | | | | | |
| LCS Dup (2241050-BSD1) | | | | | | | Prepared: 1 | 0/04/22 A | analyzed: 10/06/22 | | |
| Benzene | 5.18 | 0.0250 | 5.00 | | 104 | 70-130 | 7.37 | 20 | | | |
| Ethylbenzene | 4.32 | 0.0250 | 5.00 | | 86.4 | 70-130 | 7.48 | 20 | | | |
| Toluene | 4.56 | 0.0250 | 5.00 | | 91.3 | 70-130 | 7.39 | 20 | | | |
| p-Xylene | 4.41 | 0.0250 | 5.00 | | 88.3 | 70-130 | 7.01 | 20 | | | |
| o,m-Xylene | 8.75 | 0.0500 | 10.0 | | 87.5 | 70-130 | 7.17 | 20 | | | |
| Total Xylenes | 13.2 | 0.0250 | 15.0 | | 87.7 | 70-130 | 7.12 | 20 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.24 | | 8.00 | | 103 | 70-130 | | | | | |



QC Summary Data

| | | $\mathbf{x} = \mathbf{z}$ | | ary Dav | | | | | |
|---|--------|---------------------------|----------------------------|------------------|---------|---------------|-------------|--------------|---------------------|
| Vertex Resource Services Inc. | | Project Name: | ABO- Coyote 12" Steel Line | | | | | | Reported: |
| 3101 Boyd Drive | | Project Number | : 2 | 1080-0001 | | | | | |
| Carlsbad NM, 88220 | | Project Manager | r: N | Ionica Peppin | | | | | 10/7/2022 2:07:33PM |
| | No | onhalogenated | Organics | by EPA 80 | 15D - G | RO | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241050-BLK1) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/06/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.82 | | 8.00 | | 85.3 | 70-130 | | | |
| LCS (2241050-BS2) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/06/22 |
| Gasoline Range Organics (C6-C10) | 43.5 | 20.0 | 50.0 | | 87.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.86 | | 8.00 | | 85.8 | 70-130 | | | |
| LCS Dup (2241050-BSD2) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/06/22 |
| Gasoline Range Organics (C6-C10) | 47.1 | 20.0 | 50.0 | | 94.2 | 70-130 | 7.87 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.56 | | 8.00 | | 81.9 | 70-130 | | | |



QC Summary Data

| | | QC D | | ary Date | | | | | |
|--|--------|----------------------------------|----------------|----------------------------|-------------|---------------|-----------|--------------|---|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: | 2 | ABO- Coyote 1 1080-0001 | 2" Steel Li | ine | | | Reported: 10/7/2022 2:07:33PM |
| Carisbad NM, 88220 | | Project Manager: | N | Ionica Peppin | | | | | 10///2022 2:07:53PM |
| | Nonh | alogenated Org | anics by | EPA 8015E |) - DRO | /ORO | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241059-BLK1) | | | | | | | Prepared: | 10/05/22 | Analyzed: 10/05/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 55.1 | | 50.0 | | 110 | 50-200 | | | |
| LCS (2241059-BS1) | | | | | | | Prepared: | 10/05/22 | Analyzed: 10/05/22 |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | | 106 | 38-132 | | | |
| Surrogate: n-Nonane | 55.2 | | 50.0 | | 110 | 50-200 | | | |
| Matrix Spike (2241059-MS1) | | | | Source: | E210021- | 04 | Prepared: | 10/05/22 | Analyzed: 10/05/22 |
| Diesel Range Organics (C10-C28) | 278 | 25.0 | 250 | ND | 111 | 38-132 | | | |
| Surrogate: n-Nonane | 54.9 | | 50.0 | | 110 | 50-200 | | | |
| Matrix Spike Dup (2241059-MSD1) | | | | Source: | E210021- | 04 | Prepared: | 10/05/22 | Analyzed: 10/05/22 |
| Diesel Range Organics (C10-C28) | 279 | 25.0 | 250 | ND | 112 | 38-132 | 0.359 | 20 | |
| Surrogate: n-Nonane | 55.4 | | 50.0 | | 111 | 50-200 | | | |



QC Summary Data

| | $\mathbf{x} = \mathbf{v}$ | ••••• | , <u> </u> | | | | | |
|--------------|---------------------------|---|--|--|--|--|---|---|
| | 5 | | 21080-0001 | 2" Steel Li | ne | | | Reported: 10/7/2022 2:07:33PM |
| | Anions | by EPA | 300.0/9056A | 1 | | | | Analyst: RAS |
| Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Prepared: 10 | | | | | | | 0/05/22 A | Analyzed: 10/07/22 |
| ND | 20.0 | | | | | | | |
| | | | | | | Prepared: 1 | 0/05/22 A | Analyzed: 10/07/22 |
| 270 | 20.0 | 250 | | 108 | 90-110 | | | |
| | | | Source: | E209192-(| 01 | Prepared: 1 | 0/05/22 A | Analyzed: 10/07/22 |
| 377 | 20.0 | 250 | 129 | 99.1 | 80-120 | | | |
| | | | Source: | E209192-(| 01 | Prepared: 1 | 0/05/22 A | Analyzed: 10/07/22 |
| 362 | 20.0 | 250 | 129 | 93.4 | 80-120 | 3.88 | 20 | |
| | mg/kg ND 270 377 | Project Name: Project Number: Project Manager: Anions Result mg/kg ND 270 20.0 377 20.0 | Project Name: Project Number: Project Manager: Anions by EPA Result mg/kg Reporting Limit mg/kg Spike Level mg/kg ND 20.0 270 20.0 250 377 20.0 250 | Project Name: ABO- Coyote 1 Project Number: 21080-0001 Project Manager: Monica Peppin Anions by EPA 300.0/9056 A Result Spike Source Result Level Result mg/kg mg/kg mg/kg ND 20.0 250 270 20.0 250 Source: Source: 377 20.0 250 | Project Number:21080-0001 Monica PeppinProject Manager:Monica PeppinAnions by EPA 300.0/9056AResultReporting Mg/kgSpike Mg/kgSource Mg/kgND20.025010827020.025010827020.025010837720.025012937720.025012991Ecup192-1Source:E209192-1 | Project Name: Project Number: Project Manager:ABO- Coyote 12" Steel Line 21080-0001 Monica PeppinAnions by EPA 300.0/9056AAnions by EPA 300.0/9056AResult Mg/kgSpike Mg/kgSource Mg/kgRec %ND20.025010890-11027020.025010890-11037720.025012999.180-12037720.025012999.180-120 | Project Name: Project Number: Project Manager:ABO- Coyote 12" Steel Line 21080-0001 Project Manager:ABO- Coyote 12" Steel Line Version 20001 Project Manager:Anions by EPA 300.0/9056AAnions by EPA 300.0/9056ARec Result Result RecRec Limits Morica RPD %Result mg/kgReporting mg/kgSpike mg/kgSource mg/kgRec %Prepared: 1ND20.025010890-110Prepared: 127020.025010890-110Prepared: 137720.025012999.180-120Source: E209192-01Prepared: 137720.025012999.180-120 | Project Name: Project Number: Project Manager:ABO- Coyote 12" Steel Line 21080-0001 Project Manager:ABO- Coyote 12" Steel Line Nonica PeppinAnions by EPA 300.0/9056AAnions by EPA 300.0/9056ARec Result Result Result Regorting Mg/kgRec Mg/kgRep Mg/kgRPD Kesult Mg/kgResult mg/kgReporting Mg/kgSpike Mg/kgSource Mg/kgRec Mg/kgRPD Mg/kgRPD Kesult Mg/kgND 20.020.0Prepared: 10/05/22 A Prepared: 10/05/22 APrepared: 10/05/22 A KesultPrepared: 10/05/22 A KesultND 20.020.020.0108 Source: E209192-01Prepared: 10/05/22 A Prepared: 10/05/22 A377 37720.0250129 Source: E209192-01Prepared: 10/05/22 A Prepared: 10/05/22 A |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Vertex Resource Services Inc. | Project Name: | ABO- Coyote 12" Steel Line | |
|-------------------------------|------------------|----------------------------|----------------|
| 3101 Boyd Drive | Project Number: | 21080-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Monica Peppin | 10/07/22 14:07 |

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Client: Vertex (Durango direct bill) | | | RUSH? | Lab U | Lab Use Only Analysi | | | | alysis an | sis and Method la | | |
|--|--------------------|----------------|--|--|----------------------------------|-----------------|--------------|--------------|-------------|-------------------|---|----------------------------|
| Project: ABO-Coyote 12" Steel Line | | | 1d | | WO# | | | | | | | N/ |
| Sampler: L. Pullman | | | 3d | PE209 | 192 | | | | | | | (s) |
| Phone: 575-361-9880 | | | | | lumber | 015 | | | 300.0 | | Number | Prsn |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | _ | | 21080- | -0001 | by 8 | 021 | 8.1 | y 30 | | NU | Correct Cont/Prsrv (s) Y/N |
| Project Manager: Monica Peppin | 1 | 12000 | Page | | | DRO | by 8 | y 41 | ide t | | Lab | ect C |
| Sample ID | Sample Date | Sample Time | Matrix | Containers QTY - Vol/TYPE/Preservative | | GRO/DRO by 8015 | BTEX by 8021 | ТРН by 418.1 | Chloride by | | | Corre |
| WS22-17 0-5' | 9-29-2022 | 07:25 | Sorl | 1 Yoz J | w | X | x | X | x | | 1 | |
| WS22-18 0-8' | 6-73-909 | 25:50 | Soil | 1402 3 | Sar | 8 | 8 | 8 | X | | 2 | |
| WS22-19 0-8' | 9-29-2022 | 07:40 | Sort | 1 402 | Jour | X | X | X | X | | 3 | |
| W522-20 0-8' | | 07:45 | 1 | | | | | | 1 | | 4 | |
| WS22-21 0-8' | | 07:50 | | | | | | | | | 5 | |
| WS22-22 0-8' | | 07:55 | | | | | | | | | 6 | |
| WS22-23 0-8' | | 08:00 | | | | | | | | - | 7 | |
| WS22-24 0-8' | | 08:05 | | | | | | | | | 8 | |
| WS22-25 0-8' | | 08:10 | | | | | | | | | 9 | |
| WS22-26 0-8' | V | 09:30 | 1 | V | | 1 | V | J | J | | 10 | |
| Relinguished by: (Signature) Date Time Jack And Mark 9-30-2022 07:00 | 7000 | by: (Signa | | 1-30-27 C | Time | Recei | ved | on Ic | Lab L | Jse Only I | | |
| Reinquished by: (Signature) Gate Jime | ailly | by: (Stra | ture) | 0/3/22 9 | Time T1 | G Tei | - mp°(| | T2 | - | Т3 | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | | | | ntainer Type: g | | | | | ag - amber | glass, v - VOA | |
| **Samples requiring thermal preservation must be received on ice the day Sample(s) dropped off after hours to a secure drop off area. | they are sampled o | | acked in ice at f Custody | an avg temp above 0 Notes/Billing info | | | | | | | | |
| | | Chain 0 | custouy | hores/bining init | D: Project owne | er: Amb | er Gro | ives, D | urango. Di | irect bill. | | |
| Analytical Laboratory | | | ngton, NM 87401 Street, Suite 115, Di | uanga (0.81301 | Ph (505) 632-0 Ph (970) 259-0 | - | | | | | envirotech-i laboratory-envirotech-i | |
| | time april | | 25 of 27 | and the state of t | A LOUIS AND | -Q 0.10 | 201 104 | ALC: NO | | | and a second second second | The state of the |

Page 25 of 27

Page 251 of 377

Received by OCD: 11/8/2022 8:32:26 AM

| Client: Vertex (Durango direct bill) | | | | Lab Use Only | / | Analysis and Method | | | | | | Only |
|--|------------------------|------------------|---|--|---|---------------------|---------------------|-------------------|------------------|--------------------|------------|----------------------------|
| Project: ABO-Coyote 12" Steel Line Sampler: L. PullMan Phone: 575-361-9880 | | _ | 1d 3d | Lab WO# E209192 Job Number | | 15 | | 0 | | | ber | Correct Cont/Prsrv (s) Y/N |
| Email(s): MPeppin@vertex.ca, permean@vertex.c | а | | | Job Number 21080-000 | IC | oy 80 | 17 | / 300.0 | | | Lab Number | nt/Pr |
| Project Manager: Monica Peppin | | | Pag | e of | | RO | 418 | le by | | | Lab | t Co |
| Sample ID | Sample Date | Sample Time | Matrix | Containers QTY - Vol/TYPE/Preserva | ative | GRO/DRO by 8015 | TPH hv 418.1 | Chloride by | | | | Correc |
| WS22-27 0-8' | 9-29-202 | 09:35 | Ser | 1 402 Jan | | XX | $\langle X \rangle$ | X | | | 11 | |
| WS22-28 0-8' | 9-29-2022 | 09:40 | Sail | 1 402 Jan | | XX | 5 | X | | | 12 | |
| WS22-29 0-8' | 9-29-2082 | 09:45 | Sort | 1 Yoz Jar | | $\langle X \rangle$ | X | X | | | 13 | |
| WS22-30 0-8' | 9-29-2022 | 09:50 | Sorl | 1 402 Jar | 2 | | 48 | 8 | | | 14 | |
| | | | | | | + | | - | | | | |
| | | | | | _ | + | + | | | | | |
| | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | |
| | Im | 1 | | | | | | | | | | |
| Relinquished by: (Signature) Date Time | 100 - | by (Signa | | 1-30 2 2.00/ |) **Red | eive | d on l | 0 | b Use Onl / N | | | |
| Relinquished by: (Signature) Date Time | plat | by: Isteria | the | 10/3/22 9:00 | T1 AVG T | emp | °C | 4 ^{T2} _ | _ | T3 | | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | <u> </u> | | | Container T | | | | | tic, ag - am | ber glass, v | - VOA | |
| **Samples requiring thermal preservation must be received on ice the Sample(s) dropped off after hours to a secure drop off area. | day they are sampled o | | acked in ice a f Custody | 10.11.10.11.1.1 | | | | - | o. Direct bill. | | | - |
| Cenvirotech Analytical Laboratory | | ngs • 65 Mercado | ngton, NM 87401 Street, Suite 115, D 26 Of 27 | the state of the s | Ph (505) 632-0615 Fx (505) 632-1865 go. (0.81301 Ph (970) 259-0615 Fr (800) 362-1879 | | | | | envirotech-inc.com | | |

Page 252 of 377

Received by OCD: 11/8/2022 8:32:26 AM
Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| | Vertex Resource Services Inc. | Date Received: | 10/03/22 | 09:00 | Work Order ID: E209192 |
|--|---|--|---|-------------------|---|
| Phone: | (575) 748-0176 I | Date Logged In: | 09/30/22 | 17:39 | Logged In By: Alexa Michaels |
| Email: | | Due Date: | 10/07/22 | 17:00 (4 day TAT) | |
| Chain o | of Custody (COC) | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | |
| 2. Does | the number of samples per sampling site location match | n the COC | Yes | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: U | JPS |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requeste | d analyses? | Yes | _ | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion | | Yes | | Comments/Resolution |
| <u>Sample</u> | <u>Turn Around Time (TAT)</u> | | | | |
| 6. Did tl | he COC indicate standard TAT, or Expedited TAT? | | Yes | | Project ABO-Coyote 12 Steel Line has |
| Sample | Cooler | | | | been separated into 2 reports due to sample |
| 7. Was a | a sample cooler received? | | Yes | | volume. Workorders are as follows: |
| 8. If yes | , was cooler received in good condition? | | Yes | | E209191 & E209192 |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | |
| 10. Wer | e custody/security seals present? | | No | | |
| 11. If ye | es, were custody/security seals intact? | | NA | | |
| 12. Was 1 | the sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r minutes of sampling | | Yes | | |
| 13. If no | o visible ice, record the temperature. Actual sample to | emperature: 4° | С | | |
| | Container | · | _ | | |
| | aqueous VOC samples present? | | No | | |
| | VOC samples collected in VOA Vials? | | NA | | |
| | e head space less than 6-8 mm (pea sized or less)? | | NA | | |
| | | | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | |
| 17. Was | a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? | | NA Yes | | |
| 17. Was 18. Are | | rs collected? | | | |
| 17. Was 18. Are | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe | rs collected? | Yes | | |
| 17. Was 18. Are 19. Is the Field La 20. Were | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform | | Yes | | |
| Was Are Is the Field L: Were | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? | | Yes Yes Yes | | |
| Was Are Is the Field La Were | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? | | Yes Yes Yes Yes | | |
| Was Are Is the Field La Were | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? | | Yes Yes Yes | | |
| 17. Was 18. Are 19. Is the Field La 20. Were | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> | nation: | Yes Yes Yes No | | |
| 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Doe: | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres | nation: | Yes Yes Yes No No | | |
| Was Are Is the Field L: Were Were Sample Doc: Are | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? | nation: served? | Yes Yes Yes No No NA | | |
| 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is la | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved me | nation: served? | Yes Yes Yes No No | | |
| 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doc: 22. Are 24. Is la Multiph | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved me <u>nase Sample Matrix</u> | nation: served? tals? | Yes Yes Yes No No NA No | | |
| 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doc: 22. Are 24. Is la Multiph 26. Doce | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved me hase Sample Matrix s the sample have more than one phase, i.e., multiphase | nation: served? tals? ? | Yes Yes Yes No No NA No | | |
| 17. Was 18. Are 19. Is the Field L: 20. Were 21. Doe: 22. Are 24. Is la Multiph 26. Doe: 27. If ye | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved me <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase ess, does the COC specify which phase(s) is to be analyz | nation: served? tals? ? | Yes Yes Yes No No NA No | | |
| 17. Was 18. Are 19. Is the Field L: 20. Were 21. Doe: 22. Are 24. Is la Multiph 26. Doe: 27. If yee Subcommentation | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pressample(s) correctly preserved? b filteration required and/or requested for dissolved me hase Sample Matrix s the sample have more than one phase, i.e., multiphase ess, does the COC specify which phase(s) is to be analyz tract Laboratory | nation: served? tals? ? ed? | Yes Yes Yes No No No No No | | |
| 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is la Multiph 26. Doe: 27. If yee Subcom 28. Are | non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved me <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase ess, does the COC specify which phase(s) is to be analyz | nation: served? tals? ? ed? ? | Yes Yes Yes No No NA No | Subcontract Lab | у [.] па |

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:

ABO- Coyote 12" Steel Line

Work Order: E210009

Job Number: 21080-0001

Received: 10/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/10/22

Monica Peppin 3101 Boyd Drive Carlsbad, NM 88220 B

Page 255 of 377

Project Name: ABO- Coyote 12" Steel Line Workorder: E210009 Date Received: 10/4/2022 11:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/4/2022 11:00:00AM, under the Project Name: ABO- Coyote 12" Steel Line.

The analytical test results summarized in this report with the Project Name: ABO- Coyote 12" Steel Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759

ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|-------------------|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 5 |
| Sample Data | 6 |
| BS22-35 5' | 6 |
| BS22-36 5' | 7 |
| BS22-37 5' | 8 |
| BS22-38 5' | 9 |
| BS22-39 5' | 10 |
| BS22-40 5' | 11 |
| BS22-41 5' | 12 |
| BS22-44 4' | 13 |
| BS22-45 4' | 14 |
| BS22-46 4' | 15 |
| BS22-47 4' | 16 |
| BS22-48 5' | 17 |
| BS22-49 5' | 18 |
| BS22-50 5' | 19 |
| BS22-51 5' | 20 |
| BS22-52 0.5' | 21 |
| BS22-53 0.5' | 22 |
| BS22-54 0.5' | 23 |
| BS22-55 0.5' | 24 |
| BS22-56 0.5' | 25 |

•

Table of Contents (continued)

| QC Summary Data | 26 |
|---|----|
| QC - Volatile Organics by EPA 8021B | 26 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 27 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 28 |
| QC - Anions by EPA 300.0/9056A | 29 |
| Definitions and Notes | 30 |
| Chain of Custody etc. | 31 |

Sample Summarv

| | | Sample Sum | mary | | |
|--|--|--|------------|---------------------------------|------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Number: Project Manager: | ABO- Coyote 12" S 21080-0001 Monica Peppin | Steel Line | Reported: 10/10/22 16:01 | |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| 3S22-35 5' | E210009-01A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-36 5' | E210009-02A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| S22-37 5' | E210009-03A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| S22-38 5' | E210009-04A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-39 5' | E210009-05A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-40 5' | E210009-06A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| S22-41 5' | E210009-07A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-44 4' | E210009-08A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-45 4' | E210009-09A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-46 4' | E210009-10A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-47 4' | E210009-11A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-48 5' | E210009-12A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-49 5' | E210009-13A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3822-50 5' | E210009-14A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-51 5' | E210009-15A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-52 0.5' | E210009-16A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-53 0.5' | E210009-17A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| S22-54 0.5' | E210009-18A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| S22-55 0.5' | E210009-19A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| 3S22-56 0.5' | E210009-20A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |



| | Q | ampic D | ala | | | |
|--|---|------------|----------|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name Project Num Project Mana | ber: 210 | | | | Reported: 10/10/2022 4:01:05PM |
| | - | BS22-35 5' | | | | |
| | | E210009-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2241090 |
| Chloride | 172 | 20.0 | 1 | 10/06/22 | 10/07/22 | |
| | | | | | | |

Sample Data



Sample Data

| | ~ | ampic D | | | | |
|--|---|------------|----------|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name:ABO- Coyote 12" Steel LineProject Number:21080-0001Project Manager:Monica Peppin | | | | | Reported: 10/10/2022 4:01:05PM |
| | | BS22-36 5' | | | | |
| | | E210009-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 82.9 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 107 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241090 |
| Chloride | 427 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| | 0 | ample D | ala | | | |
|--|------------------------------|------------|------------------------------|----------|----------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | | D- Coyote 12" Ste 30-0001 | el Line | | Reported: |
| Carlsbad NM, 88220 | Project Mana | | ica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-37 5' | | | | |
| | | E210009-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.3 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | Batch: 2241090 | |
| Chloride | 286 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| | 58 | ample D | ลเล | | | |
|---|---------------|------------|-------------------|----------|----------------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 80-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/10/2022 4:01:05PM |
| | - | BS22-38 5' | | | | |
| | | E210009-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Colatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| enzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| thylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| otal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| onhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: IY | | Batch: 2241051 | |
| asoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 83.4 % | 70-130 | 10/04/22 | 10/07/22 | |
| onhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | it: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| urrogate: n-Nonane | | 118 % | 50-200 | 10/06/22 | 10/07/22 | |
| anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241090 |
| hloride | 282 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| Reported: 0/2022 4:01:05PM |
|--------------------------------------|
| • |
| 0/2022 4:01:05PM |
| |
| |
| |
| |
| Notes |
| ch: 2241051 |
| |
| |
| |
| |
| |
| |
| |
| ch: 2241051 |
| |
| |
| ch: 2241076 |
| |
| |
| |
| ch: 2241090 |
| |
| |



| | 5 | ample D | ala | | | |
|--|---------------|------------|-------------------|----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name | ABO | D- Coyote 12" Ste | eel Line | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-40 5' | | | | |
| | | E210009-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 87.4 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2241090 |
| Chloride | 172 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| | D | ample D | ala | | | |
|--|--------------|------------|-------------------|----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name | e: ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numl | ber: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Mana | iger: Mor | nica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-41 5' | | | | |
| | | E210009-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 85.5 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241090 |
| Chloride | 233 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| | 21 | ample D | ลเล | | | |
|--|---------------|------------|--------------------|----------|----------------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Stee | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 80-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-44 4' | | | | |
| | | E210009-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | :: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 100 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | /kg Analyst: IY | | Batch: 2241051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | :: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | : RAS | | Batch: 2241090 |
| Chloride | 36.9 | 20.0 | 1 | 10/06/22 | 10/07/22 | |
| | | | | | | |



Sample Data

| | ampie D | | | | | |
|------------------------------------|--|---|---|--|--|--|
| 5 | | 2 | | | | |
| 5 | | | Reported: 10/10/2022 4:01:05PM | | | |
| 220 Project Manager: Monica Peppin | | | | | | |
| | BS22-45 4' | | | | | |
| | E210009-09 | | | | | |
| | Reporting | | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | | |
| ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | | |
| | 101 % | 70-130 | 10/04/22 | 10/07/22 | | |
| mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 | |
| ND | 20.0 | 1 | 10/04/22 | 10/07/22 | | |
| | 85.1 % | 70-130 | 10/04/22 | 10/07/22 | | |
| mg/kg | mg/kg | Analys | t: JL | | Batch: 2241076 | |
| ND | 25.0 | 1 | 10/06/22 | 10/07/22 | | |
| ND | 50.0 | 1 | 10/06/22 | 10/07/22 | | |
| | 114 % | 50-200 | 10/06/22 | 10/07/22 | | |
| mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241090 | |
| | | | | | | |
| | Project Name: Project Numbo Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND | Project Name: ABC Project Number: 2103 Project Manager: Mor BS22-45 4' E210009-09 BS22-45 4' E210009-09 Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 85.1 % mg/kg Mg/kg Mg/kg ND 25.0 ND 50.0 | Project Number: $21080-0001$ Monica Peppin BS22-45 4' E210009-09 E210009-09 Dilution Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 20.0 1 mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 ND 50.0 1 | I Project Name: ABO - Coyote 12" Steel Line Project Number: $21080-0001$ Project Manager: Monica Peppin BS22-45 4' BS22-45 4' E210009-09 BS22-45 A' Dilution Prepared Result Dilution Prepared Mp 0.0250 1 $10/04/22$ ND 20.0 1 $10/04/22$ MD 20.0 1 $10/04/22$ MD 20.0 1 $10/04/22$ MD 20.0 1 $10/04/22$ MD 25.0 1 $10/06/22$ ND | Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-45 4' E210009-09 BS22-45 4' E210009-09 Reporting Prepared Analyzed Mome Mome Prepared Analyzed Mg/kg mg/kg Analyst: IY ND 0.0250 1 10/04/22 10/07/22 ND 20.0 1 10/04/22 10/07/22 MD 20.0 1 10/04/22 10/07/22 MD 25.0 1 | |



Sample Data

| | D | ampic D | ala | | | |
|--|---|------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name Project Num Project Mana | ber: 210 | D- Coyote 12" Ste 80-0001 nica Peppin | el Line | | Reported: 10/10/2022 4:01:05PM |
| | | BS22-46 4' | | | | |
| | | E210009-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| thylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 83.9 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| urrogate: n-Nonane | | 106 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241090 |
| Chloride | ND | 20.0 | 1 | 10/06/22 | 10/07/22 | |
| | | | | | | |



Sample Data

| | D | ample D | ala | | | |
|--|----------------|------------|------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" St | eel Line | | |
| 3101 Boyd Drive | Project Number | | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-47 4' | | | | |
| | | E210009-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.6 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2241090 |
| Chloride | 31.4 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| | 9 | ample D | ala | | | |
|--|---------------|------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | per: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-48 5' | | | | |
| | | E210009-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 100 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.4 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241090 |
| Chloride | ND | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| | 3 | ample D | ลเล | | | |
|--|---------------|------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numb | er: 210 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-49 5' | | | | |
| | | E210009-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.5 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241090 |
| Chloride | ND | 20.0 | 1 | 10/06/22 | 10/07/22 | |
| | | | | | | |



| | 3 | ample D | ลเล | | | |
|--|-------------------------------|------------|-----------------------------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name: Project Numb | | D- Coyote 12" St 30-0001 | eel Line | | Reported: |
| Carlsbad NM, 88220 | Project Manag | | ica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-50 5' | | | | |
| | | E210009-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 100 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.4 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 97.7 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2241090 |
| Chloride | 63.8 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



Sample Data

| | 6 | ample D | ala | | | |
|--|------------------------------|------------|------------------------------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | | D- Coyote 12" Ste 30-0001 | eel Line | | Reported: |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | nica Peppin | | | 10/10/2022 4:01:05PM |
| | | BS22-51 5' | | | | |
| | | E210009-15 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 86.6 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241090 |
| Chloride | 60.5 | 20.0 | 1 | 10/06/22 | 10/07/22 | |



| | 3 | ample D | ลเล | | | |
|--|------------------------------|--------------|------------------------------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | per: 210 | D- Coyote 12" Ste 80-0001 | el Line | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/10/2022 4:01:05PM |
| |] | BS22-52 0.5' | | | | |
| | | E210009-16 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Foluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 83.5 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241090 |
| Chloride | 371 | 20.0 | 1 | 10/06/22 | 10/07/22 | |
| | | | | | | |



Sample Data

| | D. | ampic D | ata | | | |
|--|-------------------------------|--------------|------------------------------|-----------|----------|----------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name: Project Numb | | D- Coyote 12" Ste 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | | 10/10/2022 4:01:05PM | | | |
| | J | BS22-53 0.5' | | | | |
| | | E210009-17 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| oluene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/07/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/07/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 84.7 % | 70-130 | 10/04/22 | 10/07/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| urrogate: n-Nonane | | 90.1 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | :: RAS | | Batch: 2241090 |
| Chloride | 141 | 20.0 | 1 | 10/06/22 | 10/07/22 | |
| | | | | | | |



| | 5 | ampic D | ala | | | |
|--|---|--------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numbe Project Manag | er: 2108 | D- Coyote 12" Ste 80-0001 nica Peppin | el Line | | Reported: 10/10/2022 4:01:05PM |
| | E | BS22-54 0.5' | | | | |
| | | E210009-18 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/04/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/08/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 83.6 % | 70-130 | 10/04/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 95.5 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241090 |
| Chloride | 462 | 20.0 | 1 | 10/06/22 | 10/07/22 | |
| | | | | | | |

| | D | ampic D | | | | |
|--|--|--------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name Project Numb Project Mana | ber: 2108 | D- Coyote 12" Ste 30-0001 tica Peppin | eel Line | | Reported: 10/10/2022 4:01:05PM |
| | - | BS22-55 0.5' | | | | |
| | | E210009-19 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/08/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 85.6 % | 70-130 | 10/04/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241090 |
| Chloride | 397 | 20.0 | 1 | 10/06/22 | 10/08/22 | |



| | D | ampic D | uta | | | |
|--|--|--------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name Project Numb Project Mana | ber: 2108 | D- Coyote 12" Ste 80-0001 nica Peppin | el Line | | Reported: 10/10/2022 4:01:05PM |
| | | BS22-56 0.5' | | | | |
| | | E210009-20 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Benzene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/04/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/04/22 | 10/08/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/04/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/04/22 | 10/08/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.6 % | 70-130 | 10/04/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241076 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/07/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/07/22 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | 10/06/22 | 10/07/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241090 |
| Chloride | 62.3 | 20.0 | 1 | 10/06/22 | 10/08/22 | |



QC Summary Data

| | | | | - | | | | | |
|-------------------------------------|--------|--------------------|----------------|------------------|-------------|---------------|-------------|--------------|----------------------|
| Vertex Resource Services Inc. | | Project Name: | | BO- Coyote 1 | 2" Steel Li | ne | | | Reported: |
| 3101 Boyd Drive | | Project Number: | 2 | 1080-0001 | | | | | |
| Carlsbad NM, 88220 | | Project Manager: | Ν | Ionica Peppin | | | | | 10/10/2022 4:01:05PM |
| | | Volatile O | rganics | by EPA 802 | 21 B | | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241051-BLK1) | | | | | | | Prepared: 1 | 0/04/22 | Analyzed: 10/07/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | |
| o,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.25 | | 8.00 | | 103 | 70-130 | | | |
| LCS (2241051-BS1) | | | | | | | Prepared: 1 | 0/04/22 | Analyzed: 10/07/22 |
| Benzene | 4.79 | 0.0250 | 5.00 | | 95.8 | 70-130 | | | |
| Ethylbenzene | 4.14 | 0.0250 | 5.00 | | 82.8 | 70-130 | | | |
| Toluene | 4.32 | 0.0250 | 5.00 | | 86.5 | 70-130 | | | |
| p-Xylene | 4.24 | 0.0250 | 5.00 | | 84.8 | 70-130 | | | |
| p,m-Xylene | 8.39 | 0.0500 | 10.0 | | 83.9 | 70-130 | | | |
| Total Xylenes | 12.6 | 0.0250 | 15.0 | | 84.2 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.17 | | 8.00 | | 102 | 70-130 | | | |
| LCS Dup (2241051-BSD1) | | | | | | | Prepared: 1 | 0/04/22 | Analyzed: 10/07/22 |
| Benzene | 4.49 | 0.0250 | 5.00 | | 89.7 | 70-130 | 6.57 | 20 | |
| Ethylbenzene | 3.88 | 0.0250 | 5.00 | | 77.5 | 70-130 | 6.54 | 20 | |
| Toluene | 4.06 | 0.0250 | 5.00 | | 81.1 | 70-130 | 6.37 | 20 | |
| p-Xylene | 3.99 | 0.0250 | 5.00 | | 79.8 | 70-130 | 6.03 | 20 | |
| o,m-Xylene | 7.87 | 0.0500 | 10.0 | | 78.7 | 70-130 | 6.34 | 20 | |
| Total Xylenes | 11.9 | 0.0250 | 15.0 | | 79.1 | 70-130 | 6.24 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.11 | | 8.00 | | 101 | 70-130 | | | |



QC Summary Data

| | | ųς γ | / | ury Duc | | | | | |
|--|--------|--|----------------|--|-------------|---------------|-------------|--------------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number Project Manager | : 2 | ABO- Coyote 1 21080-0001 Monica Peppin | 2" Steel Li | ine | | | Reported: 10/10/2022 4:01:05PM |
| | No | nhalogenated | | | 15D - G | RO | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241051-BLK1) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.55 | | 8.00 | | 81.9 | 70-130 | | | |
| LCS (2241051-BS2) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | 47.6 | 20.0 | 50.0 | | 95.3 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.50 | | 8.00 | | 81.3 | 70-130 | | | |
| LCS Dup (2241051-BSD2) | | | | | | | Prepared: 1 | 0/04/22 A | nalyzed: 10/07/22 |
| Gasoline Range Organics (C6-C10) | 44.8 | 20.0 | 50.0 | | 89.5 | 70-130 | 6.24 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.56 | | 8.00 | | 82.0 | 70-130 | | | |



QC Summary Data

| | | QU DI | u 111111 | ary Data | 4 | | | | |
|--|--------|----------------------------------|----------------|------------------------------|-------------|---------------|-------------|-------------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | 2 | ABO- Coyote 12 21080-0001 | 2" Steel Li | ine | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | Ν | Monica Peppin | | | | | 10/10/2022 4:01:05PM |
| | Nonh | alogenated Org | anics by | 7 EPA 8015D |) - DRO | /ORO | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241076-BLK1) | | | | | | | Prepared: 1 | 10/06/22 <i>P</i> | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 58.9 | | 50.0 | | 118 | 50-200 | | | |
| LCS (2241076-BS1) | | | | | | | Prepared: 1 | 10/06/22 A | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | 282 | 25.0 | 250 | | 113 | 38-132 | | | |
| Surrogate: n-Nonane | 60.0 | | 50.0 | | 120 | 50-200 | | | |
| Matrix Spike (2241076-MS1) | | | | Source: | E210009- | 13 | Prepared: 1 | 10/06/22 A | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 38-132 | | | |
| Surrogate: n-Nonane | 59.6 | | 50.0 | | 119 | 50-200 | | | |
| Matrix Spike Dup (2241076-MSD1) | | | | Source: | E210009- | 13 | Prepared: 1 | 10/06/22 A | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | 273 | 25.0 | 250 | ND | 109 | 38-132 | 1.80 | 20 | |
| Surrogate: n-Nonane | 52.2 | | 50.0 | | 104 | 50-200 | | | |



QC Summary Data

| | | $\mathbf{x} \in \mathbf{z}$ | | | ~ | | | | |
|--|--------|--|----------------|--|-------------|---------------|-------------|--------------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | | ABO- Coyote 1 21080-0001 Monica Peppin | 2" Steel Li | ne | | | Reported: 10/10/2022 4:01:05PM |
| | | Anions | by EPA | 300.0/9056A | ۱ | | | | Analyst: RAS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241090-BLK1) | | | | | | | Prepared: 1 | 0/06/22 | Analyzed: 10/07/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2241090-BS1) | | | | | | | Prepared: 1 | 0/06/22 | Analyzed: 10/07/22 |
| Chloride | 250 | 20.0 | 250 | | 99.8 | 90-110 | | | |
| Matrix Spike (2241090-MS1) | | | | Source: | E210009-0 | 01 | Prepared: 1 | 0/06/22 | Analyzed: 10/07/22 |
| Chloride | 417 | 20.0 | 250 | 172 | 98.0 | 80-120 | | | |
| Matrix Spike Dup (2241090-MSD1) | | | | Source: | E210009-0 |)1 | Prepared: 1 | 0/06/22 | Analyzed: 10/07/22 |
| Chloride | 418 | 20.0 | 250 | 172 | 98.5 | 80-120 | 0.295 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Vertex Resource Services Inc. | Project Name: | ABO- Coyote 12" Steel Line | |
|-------------------------------|------------------|----------------------------|----------------|
| 3101 Boyd Drive | Project Number: | 21080-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Monica Peppin | 10/10/22 16:01 |

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Client: Vertex (Durango direct bill) | | | RUSH? | Lab Use Only | | | An | alysis a | and Method | lab | Only |
|--|--------------------|----------------|---|--|-----------------|--------------|--------------|----------------|----------------|----------------|----------------------------|
| Project: ABO-Coyote 12" Steel Line | | | 1d | Lab WO# | | | .0 | | | | N/N |
| Sampler: L. Pullman | | | 3d | PE210009 | | | 305 | | | | (s) |
| Phone: 575-361-9880 | | | | Job Number | 015 | | S | 300.0 | | Number | rsrv |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | | | 21080.0001 | by 8 | 021 | t | | | | ont/F |
| Project Manager: Monica Peppin | | | Pag | e 1 of 4 6456 | No K | y 80 | 4 | de b | | Lab | ct C |
| Sample ID | Sample Date | Sample Time | Matrix | Containers QTY - Vol/TYPE/Preservative | GRO/DRO by 8015 | BTEX by 8021 | TPH by 418.1 | Chloride by | | | Correct Cont/Prsrv (s) Y/N |
| BS22-35 5' | 9-30-22 | 07:20 | Sort | 1 402 Jan | 8 | x | 7 | x | | 1 | |
| BS22-36 &' | 9-30-22 | 07:25 | Soil | 1 402 Jan | 8 | X | 8 | χ | | 2 | |
| BS22-37 5' | 9-30-22 | 07:30 | Soil | 1 402 Jar | X | X | X | X | | 3 | |
| BS22-38 5' | | 07:35 | | - | 1 | | 1 | 1 | | 4 | |
| 8522-39 5' | | 07:40 | | | | | | | | 5 | |
| BS22-40 5' | | 07:45 | | | | | | | | 6 | |
| BS22-41 5' | | 07:50 | | | | | | | | 7 | |
| BS22-44 1 4' | | 09:30 | | | | | | | | 8 | |
| B522-45 4' | | 09:35 | | | | | | | | 9 | |
| BS22-46 4' | | 09:20 | | J | 3 | J | V | 2 | | 10 | |
| Relinquished by: (Signature) Date Time | Received | Tais | ture) | 10-3-22 2:300 ** | Rece | ived | on lo | add | Use Only N | | |
| Relinduished by: (Spenature) 0-3-202 07:30 | Received | by: (Signa | ture) | Date Time T1 | | _ | 1 | F ² | - | Т3 | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | 6-6 | | Container Type: | | _ | | /plasti | ic, ag - amber | glass, v - VOA | |
| **Samples requiring thermal preservation must be received on ice the day | they are sampled o | | | | C on su | bseque | ent da | ys. | | | |
| Sample(s) dropped off after hours to a secure drop off area. | | Chain of | f Custody | Notes/Billing info: Project own | er: Amł | ber Gro | oves, D |)urango. | . Direct bill. | | |
| envirotech Analytical Laboratory | | | ington, NM 874ú) Street, Suite 115 I | Ph (505) 632- Jurango, (0.81301 Ph (970) 259- | | | | | | envinitieste a | |

| Client: Vertex (Durango direct bill) | | | _ | RUSH? | 1 | ab Use Only | | | An | alysis and Metho | d lab |
|--|--------------|-----------|----------------|-----------------|-------------------------------|--------------------------------------|---------|--------------|-------|-------------------------------|--------------------|
| Project: ABO-Coyote 12" Steel Line | | | | 1d | 100 | Lab WO# | | | 10 | | |
| Sampler: L. Pullann | | | | 3d | PE | 210009 | | | 0 | | |
| Phone: 575-361-9880 | | | | | | Job Number | 8015 | | 00 | 300.0 | mbe |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | | _ | | 6.0 | 1000.080 | þ | 021 | 8 | by 30 | Lab Number |
| Project Manager: Monica Peppin | 1 | | | Page | | 4 6452 | DRC | by 8 | 17 | ide | La |
| Sample ID | Sample | e Date | Sample Time | Matrix | | /TYPE/Preservative | GRO/DRO | BTEX by 8021 | TPH | Chloride | |
| BSD22+400 BS22-47 4' | 9-30- | 22 0 | 25: PC | Sort | 1 402 | Jom | X | x | 8 | 8 | 11 |
| B522-48 5' | 9-30- | 22 1 | 3:10 | Soil | | Jow | X | X | X | X | 12 |
| B522-49 5' | 9-30 | 1-22 1 | 3:15 | Soil | 1 40 | z Jon | χ | X | X | X | 13 |
| BS22-50 5' | 1 | ľ | 3:20 | | | | 1 | 1 | 1 | 1 | 14 |
| BS22-51 5' | | 6 | 3:25 | | | | | | | | IS |
| 8522-52 0.5' | | V | 4:00 | | | | | | | | KC |
| BS22-53 0.5' | | V | f.05 | | | | | | | | 17 |
| BS22-54 0.5' | | μ | 4:10 | | | | | | | | 18 |
| BS22-55 0.5' | | 10 | 4:15 | | | | | | | | 19 |
| BS22-56 0.5' | V | n li | 4:20 | 1 | D | ſ | J | J | J | 8 | 20 |
| Relinquished by: (Signature) Date Time | AR | PION | y: Senat | ture) | 10 3-2) | 300 **R | ecei | ved | on lo | Lab Use Only | / |
| Relinquished by: (Signature) Date Time | Re | ceived by | UStgnat | ture) | 10/4/22 | T1_ | | - mp° | | T2 | Т3 |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | and | | - | | Container Type: g | _ | _ | | | ber glass, v - VOA |
| **Samples requiring thermal preservation must be received on ice the day Sample(s) dropped off after hours to a secure drop off area. | they are sam | | | Custody | t an avg temp a Notes/Bill | las lafa: | | | | nys. Durango. Direct bill. | |
| Renvirotech | | | | | | bl. John an av | | | 1011 | | |
| Analytical Laboratory | | | | ugton, NM 87401 | urango (0 81101 | Ph (505) 632-061 Ph (970) 259-061 | | | | | envitotech |

lab Only

Correct Cont/Prsrv (s) Y/N Lab Number

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| | Vertex Resource Services Inc. Da | ate Received: | 10/04/22 11:00 |) | Work Order ID: E210009 |
|--|---|--------------------------------|--|---------------|---|
| Phone: | (575) 748-0176 Da | ate Logged In: | 10/04/22 09:10 | 5 | Logged In By: Alexa Michaels |
| Email: | mpeppin@vertex.ca De | le Date: | 10/10/22 17:0 |) (4 day TAT) | |
| <u>Chain o</u> | f Custody (COC) | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | |
| 2. Does | the number of samples per sampling site location match | the COC | Yes | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: L | JPS |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requested | l analyses? | Yes | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | Comments/Resolution |
| Sample | Turn Around Time (TAT) | | | | |
| | ne COC indicate standard TAT, or Expedited TAT? | | Yes | | Project ABO-Coyote 12" Steel Line has |
| Sample | | | | | been split into multiple reports/workorders |
| | sample cooler received? | | Yes | | due to amount of sample. WO#'s are as |
| 8. If yes | , was cooler received in good condition? | | Yes | | follows: E210009 & E210010 |
| 9. Was ť | he sample(s) received intact, i.e., not broken? | | Yes | | 10110WS. E210007 & E210010 |
| 10. Wer | e custody/security seals present? | | No | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | |
| 12. Was t | the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- | | Yes | | |
| 13. If no | minutes of sampling visible ice, record the temperature. Actual sample ter | nperature: <u>4°</u> | <u>C</u> | | |
| <u>Sample</u> | <u>Container</u> | | | | |
| 14. Are | aqueous VOC samples present? | | No | | |
| | | | | | |
| | VOC samples collected in VOA Vials? | | NA | | |
| 15. Are | VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? | | NA NA | | |
| 15. Are 16. Is the 17. Was | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? | | | | |
| 15. Are 16. Is the 17. Was | e head space less than 6-8 mm (pea sized or less)? | | NA | | |
| 15. Are ⁷ 16. Is the 17. Was 18. Are 1 | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? | collected? | NA NA | | |
| Are ³ Is the Is the Are 1 Is the Field La | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel_ | | NA NA Yes | | |
| Are ⁷ Is the Was Are ¹ Is the Field La Were | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform | | NA NA Yes Yes | | |
| Are ⁷ Is the Vas Are ¹ Is the Field La Were | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? | | NA NA Yes Yes | | |
| 15. Are ⁷ 16. Is the 17. Was 18. Are ¹ 19. Is the Field L ₂ 20. Were | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform | | NA NA Yes Yes Yes Yes | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field Lz 20. Were | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? | | NA NA Yes Yes | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field La 20. Were Sample | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? | ation: | NA NA Yes Yes Yes Yes | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> | ation: | NA NA Yes Yes Yes Yes | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does 22. Are | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese | ation: erved? | NA NA Yes Yes Yes Yes No | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field Lz 20. Were 20. Were 21. Does 22. Are 24. Is lat | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? | ation: erved? | NA NA Yes Yes Yes Yes No NA | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field Lz 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta | ation: erved? ıls? | NA NA Yes Yes Yes Yes No NA | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field Ls 20. Were 20. Were 21. Does 22. Are 24. Is lai <u>Multiph</u> 26. Does | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta tase Sample Matrix | ation: prved? Ils? | NA NA Yes Yes Yes Yes No NA No | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field Lz 20. Were 20. Were 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase? | ation: prved? Ils? | NA NA Yes Yes Yes Yes No NA No | | |
| 15. Are 16. Is the 17. Was 18. Are 19. Is the Field Lz 20. Were 21. Does 22. Are 24. Is lal <u>Multiph</u> 26. Does 27. If ye | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta tase Sample Matrix s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyzed | ation: erved? ıls? d? | NA NA Yes Yes Yes Yes No NA No | | |



•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:

ABO- Coyote 12" Steel Line

Work Order: E210010

Job Number: 21080-0001

Received: 10/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/10/22

Monica Peppin 3101 Boyd Drive Carlsbad, NM 88220 P

Page 288 of 377

Project Name: ABO- Coyote 12" Steel Line Workorder: E210010 Date Received: 10/4/2022 11:00:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/4/2022 11:00:00AM, under the Project Name: ABO- Coyote 12" Steel Line.

The analytical test results summarized in this report with the Project Name: ABO- Coyote 12" Steel Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759

ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com
•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 5 |
| Sample Data | 6 |
| BS22-57 0.5' | 6 |
| BS22-58 0.5' | 7 |
| BS22-59 0.5' | 8 |
| WS22-47 0-0.5' | 9 |
| WS22-48 0-0.5' | 10 |
| WS22-32 5-8' | 11 |
| WS22-38 0-4' | 12 |
| WS22-39 0.5-4' | 13 |
| WS22-40 0-4' | 14 |
| WS22-41 0-4' | 15 |
| WS22-42 0.5-5' | 16 |
| WS22-43 0.5-5' | 17 |
| WS22-44 0.5-5' | 18 |
| WS22-45 0.5-5' | 19 |
| WS22-46 0-5' | 20 |
| QC Summary Data | 21 |
| QC - Volatile Organic Compounds by EPA 8260B | 21 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 22 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 23 |
| QC - Anions by EPA 300.0/9056A | 24 |

•

Table of Contents (continued)

| Definitions and Notes | 25 |
|-----------------------|----|
| Chain of Custody etc. | 26 |

Sample Summary

| | | Sample Sum | mary | | |
|--|---------------|----------------------------------|-------------------------------|------------|------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | ABO- Coyote 12" 21080-0001 | Steel Line | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | Monica Peppin | | 10/10/22 16:04 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| BS22-57 0.5' | E210010-01A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| BS22-58 0.5' | E210010-02A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| BS22-59 0.5' | E210010-03A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-47 0-0.5' | E210010-04A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-48 0-0.5' | E210010-05A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-32 5-8' | E210010-06A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-38 0-4' | E210010-07A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-39 0.5-4' | E210010-08A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-40 0-4' | E210010-09A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-41 0-4' | E210010-10A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-42 0.5-5' | E210010-11A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-43 0.5-5' | E210010-12A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-44 0.5-5' | E210010-13A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-45 0.5-5' | E210010-14A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| WS22-46 0-5' | E210010-15A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. |
| | | | | | |



| | | ampie D | | | | | | | |
|--|---------------|--|-------------------|------------|----------|----------------------|--|--|--|
| Vertex Resource Services Inc. | | Project Name: ABO- Coyote 12" Steel Line | | | | | | | |
| 3101 Boyd Drive | Project Numb | | 30-0001 | Reported: | | | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | iica Peppin | | | 10/10/2022 4:04:37PM | | | |
| |] | BS22-57 0.5' | | | | | | | |
| | | E210010-01 | | | | | | | |
| | | Reporting | | | | | | | |
| Analyte | Result | Limit | Dilutio | n Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | An | alyst: IY | | Batch: 2241070 | | | |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | | | |
| Toluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | | | |
| o-Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | | | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | | | | |
| Total Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | | | |
| Surrogate: Bromofluorobenzene | | 98.1 % | 70-130 | 10/05/22 | 10/08/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.0 % | 70-130 | 10/05/22 | 10/08/22 | | | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/05/22 | 10/08/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | ng/kg Analyst: IY | | | Batch: 2241070 | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | | | | |
| Surrogate: Bromofluorobenzene | | 98.1 % | 70-130 | 10/05/22 | 10/08/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.0 % | 70-130 | 10/05/22 | 10/08/22 | | | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/05/22 | 10/08/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: JL | | Batch: 2241077 | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/08/22 | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/08/22 | | | | |
| Surrogate: n-Nonane | | 118 % | 50-200 | 10/06/22 | 10/08/22 | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | An | alyst: RAS | | Batch: 2241092 | | | |
| Chloride | 509 | 20.0 | 1 | 10/06/22 | 10/08/22 | | | | |

Sample Data

Sample Data

| | | ample D | uu | | | | | |
|--|---------------|--------------|------------|-------------|----------------------|----------|----------------|--|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote | 12" Stee | l Line | | | |
| 3101 Boyd Drive | Project Numb | | 30-0001 | Reported: | | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppii | | 10/10/2022 4:04:37PM | | | |
| | I | BS22-58 0.5' | | | | | | |
| | | E210010-02 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 | |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| -Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| ,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | | |
| Total Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| urrogate: Bromofluorobenzene | | 96.4 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: 1,2-Dichloroethane-d4 | | 95.9 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: Toluene-d8 | | 103 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2241070 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | | |
| urrogate: Bromofluorobenzene | | 96.4 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: 1,2-Dichloroethane-d4 | | 95.9 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: Toluene-d8 | | 103 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | | |
| urrogate: n-Nonane | | 112 % | 50-200 | | 10/06/22 | 10/08/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 | |
| Chloride | 285 | 20.0 | | 1 | 10/06/22 | 10/08/22 | | |



Sample Data

| | D D | ample D | uu | | | | |
|--|--------------|----------------------|-----------|----------|----------|----------|----------------|
| Vertex Resource Services Inc. | Project Name | e: ABO | D- Coyote | | | | |
| 3101 Boyd Drive | Project Numl | per: 2108 | 30-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Mana | 10/10/2022 4:04:37PM | | | | | |
| | | BS22-59 0.5' | | | | | |
| | | E210010-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 99.2 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 92.4 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 99.2 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 92.4 % | 70-130 | | 10/05/22 | 10/08/22 | |
| urrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 120 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 306 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



| | | ampie D | | | | | |
|--|--------------------------------|--------------|------------------------|-----------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name: Project Numbe | | D- Coyote 1 30-0001 | 12" Steel | Line | | Reported: |
| Carlsbad NM, 88220 | Project Manag | | ica Peppin | | | | 10/10/2022 4:04:37PM |
| | W | S22-47 0-0.5 | • | | | | |
| | | E210010-04 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 99.5 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.4 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 99.5 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.4 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 122 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 307 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



| | 5 | ample D | uu | | | | |
|--|--------------------------------|---------------|----------------------|----------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | | D- Coyote 30-0001 | 12" Stee | l Line | | Reported: |
| Carlsbad NM, 88220 | Project Manager: Monica Peppin | | | | | | 10/10/2022 4:04:37PM |
| | W | VS22-48 0-0.5 | • | | | | |
| | | E210010-05 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 98.6 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.3 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 98.6 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.3 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 102 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | ND | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



Sample Data

| | ~~~ | ampic D | | | | | | |
|--|----------------------------|--------------|------------|----------|----------|----------|--|--|
| Vertex Resource Services Inc. | Project Name: | • • | | | | | | |
| 3101 Boyd Drive | Project Number: 21080-0001 | | | | | | Reported: 10/10/2022 4:04:37PM | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppin | | | | 10/10/2022 4:04:3/PM | |
| | V | VS22-32 5-8' | | | | | | |
| | | E210010-06 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilu | ution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 | |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| o-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| ,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | | |
| Total Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Surrogate: Bromofluorobenzene | | 99.3 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.8 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: Toluene-d8 | | 103 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | | |
| urrogate: Bromofluorobenzene | | 99.3 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: 1,2-Dichloroethane-d4 | | 94.8 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: Toluene-d8 | | 103 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | : | 1 | 10/06/22 | 10/08/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | | |
| urrogate: n-Nonane | | 114 % | 50-200 | | 10/06/22 | 10/08/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 | |
| Chloride | 153 | 20.0 | | 1 | 10/06/22 | 10/08/22 | | |



Sample Data

| | | ample D | uu | | | | |
|--|--------------|--------------|-----------|----------------------|-----------|----------|----------------|
| Vertex Resource Services Inc. | Project Name | e: ABO | D- Coyote | | | | |
| 3101 Boyd Drive | Project Num | | 30-0001 | | Reported: | | |
| Carlsbad NM, 88220 | Project Mana | iger: Mor | | 10/10/2022 4:04:37PM | | | |
| | | WS22-38 0-4' | | | | | |
| | | E210010-07 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| -Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.1 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.7 % | 70-130 | | 10/05/22 | 10/08/22 | |
| urrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.1 % | 70-130 | | 10/05/22 | 10/08/22 | |
| urrogate: 1,2-Dichloroethane-d4 | | 93.7 % | 70-130 | | 10/05/22 | 10/08/22 | |
| urrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| urrogate: n-Nonane | | 120 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 74.4 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



| | D | ample D | uu | | | | | |
|--|--------------|--|------------|----------|-----------|----------|----------------------|--|
| Vertex Resource Services Inc. | Project Name | Project Name: ABO- Coyote 12" Steel Line | | | | | | |
| 3101 Boyd Drive | Project Numb | per: 2108 | 30-0001 | | Reported: | | | |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | ica Peppin | l | | | 10/10/2022 4:04:37PM | |
| | W | VS22-39 0.5-4 | , | | | | | |
| | | E210010-08 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilu | ution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 | |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| o,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Surrogate: Bromofluorobenzene | | 96.6 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.1 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | | |
| Surrogate: Bromofluorobenzene | | 96.6 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.1 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | ЛL | | Batch: 2241077 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | | |
| Surrogate: n-Nonane | | 117 % | 50-200 | | 10/06/22 | 10/08/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 | |
| Chloride | 178 | 20.0 | | 1 | 10/06/22 | 10/08/22 | | |



Sample Data

| | ~ | ampic D | | | | | |
|--|---------------|--------------|------------|-------------|----------|-----------|----------------------|
| Vertex Resource Services Inc. | Project Name | | | | | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | 0-0001 | | | Reported: | |
| Carlsbad NM, 88220 | Project Manag | ger: Mon | ica Peppin | l | | | 10/10/2022 4:04:37PM |
| | V | WS22-40 0-4' | | | | | |
| | | E210010-09 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.8 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.9 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.8 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.9 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | 40.1 | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 131 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



Sample Data

| | | ample D | ata | | | | |
|--|--------------------------------|--------------|----------------------|----------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name: Project Numbe | | D- Coyote 30-0001 | 12" Stee | l Line | | Reported: |
| Carlsbad NM, 88220 | Project Manag | | iica Peppir | 1 | | | 10/10/2022 4:04:37PM |
| | W | VS22-41 0-4' | | | | | |
| | | E210010-10 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 0.0500 | | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.4 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.9 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.4 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.9 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 85.0 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



| | D. | ampie D | utu | | | | |
|--|------------------------------|--------------|----------------------|----------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | | D- Coyote 30-0001 | 12" Stee | l Line | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | ica Peppir | 1 | | | 10/10/2022 4:04:37PM |
| | W | 822-42 0.5-5 | • | | | | |
| | | E210010-11 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 0.0500 1 | | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 98.2 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.1 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 98.2 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.1 % | 70-130 | | 10/05/22 | 10/08/22 | |
| urrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | ЛL | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 104 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 306 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



| | | imple D | | | | | |
|--|--------------------------------|--------------|----------------------|----------|----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name: Project Numbe | | D- Coyote 30-0001 | 12" Stee | l Line | | Reported: |
| Carlsbad NM, 88220 | Project Manag | | ica Peppin | 1 | | | 10/10/2022 4:04:37PM |
| | W | S22-43 0.5-5 | • | | | | |
| | - | E210010-12 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p,m-Xylene | ND | 0.0500 | .0500 1 | | 10/05/22 | 10/08/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 99.2 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.0 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 99.2 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.0 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 100 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 303 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



| | | ampic D | | | | | |
|--|---------------------------------|--------------|----------------------|----------|----------|----------|--|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 30-0001 | 12" Stee | l Line | | |
| 3101 Boyd Drive Carlsbad NM, 88220 | Project Number Project Manag | | ica Peppir | ı | | | Reported: 10/10/2022 4:04:37PM |
| , | , . | | 11 | | | | |
| | | S22-44 0.5-5 | • | | | | |
| | | E210010-13 | | | | | |
| | D li | Reporting | 51 | | D 1 | | NT . |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 0500 1 | | 10/05/22 | 10/08/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.6 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.5 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.6 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.5 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 90.9 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 |
| Chloride | 76.4 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



| | D | ample D | uu | | | | | |
|--|--------------|---------------|-------------|----------|----------|----------|----------------------|--|
| Vertex Resource Services Inc. | Project Name | | | | | | | |
| 3101 Boyd Drive | Project Numb | per: 2108 | 80-0001 | | | | Reported: | |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | iica Peppii | 1 | | | 10/10/2022 4:04:37PM | |
| | v | VS22-45 0.5-5 | , | | | | | |
| | | E210010-14 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 | |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| -Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| ,m-Xylene | ND | 0.0500 | | 1 | 10/05/22 | 10/08/22 | | |
| Total Xylenes | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | | |
| Surrogate: Bromofluorobenzene | | 99.3 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.2 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | | |
| Surrogate: Bromofluorobenzene | | 99.3 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.2 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| urrogate: Toluene-d8 | | 104 % | 70-130 | | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2241077 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | | |
| Surrogate: n-Nonane | | 100 % | 50-200 | | 10/06/22 | 10/08/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2241092 | |
| Chloride | 191 | 20.0 | | 1 | 10/06/22 | 10/08/22 | | |



Sample Data

| | D D | ample D | uu | | | | |
|--|--------------|--------------|------------|----------|----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote | 12" Stee | l Line | | |
| 3101 Boyd Drive | Project Numb | | 30-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Mana | ger: Mor | ica Peppii | n | | | 10/10/2022 4:04:37PM |
| | V | WS22-46 0-5' | | | | | |
| | | E210010-15 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2241070 |
| Benzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | .0500 | | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 0250 1 | | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.8 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.1 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2241070 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: Bromofluorobenzene | | 97.8 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.1 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2241077 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 105 % | 50-200 | | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2241092 |
| Chloride | 161 | 20.0 | | 1 | 10/06/22 | 10/08/22 | |



QC Summary Data

| Vertex Resource Services Inc. | | Project Name: | AI | BO- Coyote 12 | 2" Steel Li | ne | | | Reported: |
|----------------------------------|--------|--------------------|----------------|------------------|-------------|---------------|--------------|--------------|----------------------|
| 3101 Boyd Drive | | Project Number: | 21 | 080-0001 | | | | | - |
| Carlsbad NM, 88220 | | Project Manager: | M | onica Peppin | | | | | 10/10/2022 4:04:37PM |
| | V | olatile Organic | Compou | unds by EP | PA 8260E | 6 | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241070-BLK1) | | | | | | | Prepared: 10 |)/05/22 A | nalyzed: 10/08/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.488 | | 0.500 | | 97.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.480 | | 0.500 | | 96.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.522 | | 0.500 | | 104 | 70-130 | | | |
| LCS (2241070-BS1) | | | | | | | Prepared: 10 |)/05/22 A | nalyzed: 10/08/22 |
| Benzene | 2.16 | 0.0250 | 2.50 | | 86.4 | 70-130 | | | |
| Ethylbenzene | 2.20 | 0.0250 | 2.50 | | 87.8 | 70-130 | | | |
| Toluene | 2.18 | 0.0250 | 2.50 | | 87.3 | 70-130 | | | |
| o-Xylene | 2.07 | 0.0250 | 2.50 | | 82.7 | 70-130 | | | |
| p,m-Xylene | 4.10 | 0.0500 | 5.00 | | 81.9 | 70-130 | | | |
| Total Xylenes | 6.16 | 0.0250 | 7.50 | | 82.2 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495 | | 0.500 | | 98.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.528 | | 0.500 | | 106 | 70-130 | | | |
| LCS Dup (2241070-BSD1) | | | | | | | Prepared: 10 |)/05/22 A | nalyzed: 10/08/22 |
| Benzene | 2.14 | 0.0250 | 2.50 | | 85.6 | 70-130 | 0.930 | 23 | |
| Ethylbenzene | 2.17 | 0.0250 | 2.50 | | 86.7 | 70-130 | 1.31 | 27 | |
| Toluene | 2.15 | 0.0250 | 2.50 | | 85.9 | 70-130 | 1.59 | 24 | |
| o-Xylene | 2.06 | 0.0250 | 2.50 | | 82.4 | 70-130 | 0.291 | 27 | |
| p,m-Xylene | 4.04 | 0.0500 | 5.00 | | 80.8 | 70-130 | 1.34 | 27 | |
| Total Xylenes | 6.10 | 0.0250 | 7.50 | | 81.4 | 70-130 | 0.987 | 27 | |
| Surrogate: Bromofluorobenzene | 0.492 | | 0.500 | | 98.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.473 | | 0.500 | | 94.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.516 | | 0.500 | | 103 | 70-130 | | | |



QC Summary Data

| | | QC D | umm | ary Data | 4 | | | | |
|--|--------|--|----------------|---|--------------|---------------|-------------|--------------|---|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | | ABO- Coyote 12 21080-0001 Monica Peppin | 2" Steel L | ine | | 10 | Reported: 0/10/2022 4:04:37PM |
| Calisbau IVIV, 88220 | No | nhalogenated C | | | 15D - G | RO | | 10 | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | | RPD Limit | - |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241070-BLK1) | | | | | | | Prepared: 1 | 0/05/22 Ana | alyzed: 10/08/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.488 | | 0.500 | | 97.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.480 | | 0.500 | | 96.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.522 | | 0.500 | | 104 | 70-130 | | | |
| LCS (2241070-BS2) | | | | | | | Prepared: 1 | 0/05/22 Ana | alyzed: 10/08/22 |
| Gasoline Range Organics (C6-C10) | 52.7 | 20.0 | 50.0 | | 105 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.488 | | 0.500 | | 97.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.470 | | 0.500 | | 93.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.521 | | 0.500 | | 104 | 70-130 | | | |
| LCS Dup (2241070-BSD2) | | | | | | | Prepared: 1 | 0/05/22 Ana | alyzed: 10/08/22 |
| Gasoline Range Organics (C6-C10) | 41.3 | 20.0 | 50.0 | | 82.6 | 70-130 | 24.4 | 20 | R3 |
| Surrogate: Bromofluorobenzene | 0.491 | | 0.500 | | 98.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.469 | | 0.500 | | 93 .7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.529 | | 0.500 | | 106 | 70-130 | | | |
| | | | | | | | | | |



QC Summary Data

| | | QU N | | ary Date | - | | | | |
|--|--------|--|----------------|--|-------------|---------------|--|--------------|--------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | ABO- Coyote 1 21080-0001 Monica Peppin | 2" Steel Li | | Reported: 10/10/2022 4:04:37PM | | |
| | Nonh | alogenated Org | | | | | | | |
| | | | | EIA 8013L | - DKO | | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241077-BLK1) | | | | | | | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 58.5 | | 50.0 | | 117 | 50-200 | | | |
| LCS (2241077-BS1) | | | | | | | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| Diesel Range Organics (C10-C28) | 288 | 25.0 | 250 | | 115 | 38-132 | | | |
| Surrogate: n-Nonane | 52.3 | | 50.0 | | 105 | 50-200 | | | |
| Matrix Spike (2241077-MS1) | | | | Source: | E210010- | 02 | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| Diesel Range Organics (C10-C28) | 283 | 25.0 | 250 | ND | 113 | 38-132 | | | |
| Surrogate: n-Nonane | 49.0 | | 50.0 | | 98.0 | 50-200 | | | |
| Matrix Spike Dup (2241077-MSD1) | | | | Source: | E210010- | 02 | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| Diesel Range Organics (C10-C28) | 283 | 25.0 | 250 | ND | 113 | 38-132 | 0.122 | 20 | |
| Surrogate: n-Nonane | 47.4 | | 50.0 | | 94.7 | 50-200 | | | |



QC Summary Data

| | <u> </u> | | | | | | | |
|--------|---------------------------|--|---|--|--|--|---|--|
| | 5 | | 21080-0001 | 2" Steel Li | ne | | | Reported: 10/10/2022 4:04:37PM |
| | Anions | by EPA | 300.0/90564 | 4 | | | | Analyst: RAS |
| Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| | | | | | | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| ND | 20.0 | | | | | | | |
| | | | | | | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| 247 | 20.0 | 250 | | 98.9 | 90-110 | | | |
| | | | Source: | E210010-0 | 01 | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| 752 | 20.0 | 250 | 509 | 97.6 | 80-120 | | | |
| | | | Source: | E210010-0 | 01 | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| 735 | 20.0 | 250 | 509 | 90.8 | 80-120 | 2.29 | 20 | |
| | mg/kg ND 247 752 | Project Name: Project Number: Project Manager Anions Result mg/kg ND 247 20.0 752 20.0 | Project Name: Project Number: 2 Project Number: 2 Project Manager: 1 Anions by EPA Result Reporting mg/kg mg/kg ND 20.0 247 20.0 752 20.0 | Project Name: ABO- Coyote 1 Project Number: 21080-0001 Project Manager: Monica Peppin Anions by EPA 300.0/9056A Result Spike Result Spike mg/kg mg/kg ND 20.0 247 20.0 Z47 20.0 Z50 Source: 752 20.0 250 Source: | Project Name: ABO- Coyote 12" Steel Li Project Number: 21080-0001 Project Manager: Monica Peppin Anions by EPA 300.0/9056A Result Limit Level Result Rec mg/kg mg/kg mg/kg % ND 20.0 247 20.0 250 98.9 Source: E210010-0 752 20.0 250 509 97.6 Source: E210010-0 | Project Name: Project Number: Project Manager:ABO- Coyote 12" Steel Line 21080-0001 Monica PeppinAnions by EPA 300.0/9056AAnions by EPA 300.0/9056AResult Mg/kgReporting Mg/kgSpike Mg/kgSource Mg/kgRec %ND20.025098.990-11024720.025098.990-11075220.025050997.680-120Source:E210010-01E210010-01E012075220.025050997.680-120 | Project Name: Project Number: Project Manager:ABO- Coyote 12" Steel Line 21080-0001 Project Manager:ABO- Coyote 12" Steel Line Version 20001 Project Manager:Anions by EPA 300.0/9056AAnions by EPA 300.0/9056ARec Result Result RecRec Limits Minits RPD %RPD %Result mg/kgReporting mg/kgSpike mg/kgSource mg/kgRec %Prepared: 1ND20.0Prepared: 1Prepared: 1Prepared: 124720.025098.990-110Prepared: 175220.025050997.680-120Source: E210010-01Prepared: 1 | Project Name: Project Number: Project Manager:ABO- Coyote 12" Steel Line 21080-0001 Project Manager:ABO- Coyote 12" Steel Line Nonica PeppinAnions by EPA 300.0/9056AAnions by EPA 300.0/9056ARec Result Result RecRec Limits RPD Minits RPD Minits Mg/kgRPD Mg/kgRPD Mg/kgResult mg/kgReporting Mg/kgSpike Mg/kgSource Mg/kgRec Mg/kgRPD Mg/kgRPD Mg/kgND 20.020.0Prepared: 10/06/22 A Prepared: 10/06/22 AND 20.020.098.990-110Prepared: 10/06/22 A Prepared: 10/06/22 ASource: E210010-01 Mo/20.0Prepared: 10/06/22 A Prepared: 10/06/22 A |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Demittions and Notes | | | | | | | | | | |
|-------------------------------|------------------|----------------------------|----------------|--|--|--|--|--|--|--|
| Vertex Resource Services Inc. | Project Name: | ABO- Coyote 12" Steel Line | | | | | | | | |
| 3101 Boyd Drive | Project Number: | 21080-0001 | Reported: | | | | | | | |
| Carlsbad NM, 88220 | Project Manager: | Monica Peppin | 10/10/22 16:04 | | | | | | | |
| | | | | | | | | | | |

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Client: Vertex (Durango direct bill) | | | RUSH? | Lab | Use Only | | | Ana | alysis a | nd Meth | od | lab | Only |
|--|-------------|------------------|---------------------|------------------------|-------------------------|----------|--------------|---------------------------|-------------------|-------------------------|-------------|------------|----------------------------|
| Project: ABO-Coyote 12" Steel Line | | | 1d | La | b WO# | | | 10 | | | | | N/N |
| Sampler: L. Pullman | | | 3d | PEZI | 0010 | | | S108 | | | | 5 | (s) |
| Phone: 575-361-9880 | | | _ | | Number 3-0001 | 8015 | | | 0.0 | | | Lab Number | Prsn |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | | | 21080 | 2-0001 | þ | 021 | 4.8 | y 30 | | | NU | ont/ |
| Project Manager: Monica Peppin | | _ | Pag | | 1466 | DRO | by 8(| V 44 | de b | | | Lat | ct C |
| Sample ID | Sample Date | Sample Time | Matrix | Conta QTY - Vol/TYP | iners E/Preservative | GRO/DRO | BTEX by 8021 | TPH by 418.1 - | Chloride by 300.0 | | | | Correct Cont/Prsrv (s) Y/N |
| BS22-57 0.5' | 109-30-22 | 14:25 | Sor | 1-40 | sz jar | X | X | 8 | X | | | 1 | |
| B522-58 0.5' | 9-30-22 | 14:30 | Soil | 1 | 0 | x | 8 | 8 | 8 | | | 2 | |
| BS22-59 0.5' | 9-30-22 | 14:35 | Sail | | | 2 | 7 | 8 | X | | | 3 | |
| W822-47 WARN 0-0.5' | | 13:00 | | | 2 | 1 | | 1 | 1 | | | 4 | |
| WS22-48 0-0.5' | | 13:05 | V | | - | V | V | V | ď | | | 5 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | - |
| | | | | _ | | | | | | | | | |
| | | | | | | | | | | | | | |
| Relinquished by: (Signature) Date Time | - 100 | by: (Sigma | tura | Date | Time | | | | | Use On | | | |
| 2012-3-2022 07:30 | - Meleres | Carlo | ture) | 13-240 | - 1 | Recei | ived | on lo | Y/ | | iy | | |
| Refinctived by: (Signature) | Received | by: (Signa | ture) | 10/4/22 I | | _ | _ mp ° | | 1 ^{T2} | | Т | | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | e | C | | ntainer Type: g | | | | | c, <mark>ag</mark> - an | nber glass, | v - VOA | |
| **Samples requiring thermal preservation must be received on ice the day Sample(s) dropped off after hours to a secure drop off area. | | | acked in ice a | | | | | | | Direct bill. | | | |
| Genvirotech | 5796 US Hi | ghway 64, Farmi | ngton, NM 8240) | | Ph (505) 637-06 | 515 Fx ! | 505) 632 | 1865 | | | | envirotech | ine com |
| Analytical Laboratory | Three Sprin | igs - 65 Mercado | Street, Suite TTS 1 | Durango, CO 83303 | Ph (970) 259-08 | 15 Fr (| 800) 362 | 1879 | | | Isboratory | enviratech | inc.com |

Page 26 of 28

Received by OCD: 11/8/2022 8:32:26 AM

| Client: Vertex (Durango direct bill) | | | RUSH? | Lab Use Only A | | | Analysis and Method | | | lab Only |
|--|--------------------|----------------|---|--|---------|---------|---------------------|------------------------------|------------------------------|--|
| Project: ABO-Coyote 12" Steel Line | | | 1d | Lab WO# | | | 10 | | | N/N |
| Sampler: L.PullAa | | 3d | PEZIODIO | | | 208 | | | r (s) | |
| Phone: 575-361-9880 | | - | Job Number | by 8015 | | 0 | 300.0 | | Lab Number t Cont/Prsrv | |
| Email(s): MPeppin@vertex.ca, permean@vertex.ca | | | 21080-0001 | | by 8 | 021 | 4.8 | y 30 | | ont/ |
| Project Manager: Monica Peppin | | - | Page | 43 of 4 6456 | DRO | by 8021 | 4 4 | de b | | Lat ect C |
| Sample ID | Sample Date | Sample Time | Matrix | QTY - Vol/TYPE/Preservative | GRO/DRO | BTEX | TPH by | Chloride by | | Lab Number Correct Cont/Prsrv (s) Y/N |
| W322-32 5-8' | 10.9-30-22 | 07:15 | Sony | 1402 Jan | X | 8 | 8 | 8 | | 6 |
| WS22-38 0-4' | 9-30-22 | 09:40 | Sout | 1402 Jur | X | X | 8 | r | | 7 |
| WS22-39 0.5-4' | 9-30-22 | 09:45 | Sonil | 1 toz Jar | X | X | X | Х | | 8 |
| WS22-40 0-4' | | 09:50 | | | 1 | 1 | 1 | | | 9 |
| WS22-41 0-4' | | 09:55 | | | | | | | | 10 |
| WS22-42 0.6-5' | | 12:35 | | | | | | | | 11 |
| WS22-43 05-51 | | 12:40 | | | | | | | | 12 |
| WS22-44 0.5-5' | | 12:45 | | | | | | | | 13 |
| WS22-45 0.5-5' | | 12150 | | | | | | | | 14 |
| WS22-46 0-5' | K | 12:55 | \vee | \checkmark | J | A | J | X | | 15 |
| Relinquished by: (Signature) Date Time Date Time 10-3-2021 07-30 Relinquished by: (Signature) 10 Date Time | Received | DE NA | (ure) | 10-3-22 J. 30 m* | Rece | ived | on lo | Lab Use Onl | lγ | |
| Relinquisted by: (Senature) 10-302 415 | Received | by: (Signa | ture) | 10/4/22 11:00 AV | G Te | mp ° | c L | 1 ² | Т3_ | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | for | le de | Container Type: | | | | | nber glass, v - ^v | VOA |
| **Samples requiring thermal preservation must be received on ice the day Sample(s) dropped off after hours to a secure drop off area. | they are sampled o | | acked in ice a f Custody | Mater (Dilling infer | | | | ys. Durango. Direct bill. | | |
| Conviratach | | | | | | | | | | |
| Analytical Laboratory | | | ngton, NM 87401 Street, Suite 115, (| Ph (505) 632-0 Jurango, (D 81301 Ph (970) 259-0 | _ | | | | envir laboratoryssenvir | roliech Inc.com ratech-iec.com |

Page 27 of 28

Received by OCD: 11/8/2022 8:32:26 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| lient: | Vertex Resource Services Inc. Da | te Received: | 10/04/22 11 | :00 | Work Order ID: E210010 |
|------------|--|---------------------|-------------|------------------|---|
| Phone: | (575) 748-0176 Da | te Logged In: | 10/04/22 09 | :22 | Logged In By: Alexa Michaels |
| Email: | | e Date: | 10/10/22 17 | ':00 (4 day TAT) | |
| Chain o | f Custody (COC) | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | |
| 2. Does | the number of samples per sampling site location match t | he COC | Yes | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: I | <u>UPS</u> |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the | field, | Yes | | Comments/Resolution |
| Samula | i.e, 15 minute hold time, are not included in this disucssion. | | | | |
| | Turn Around Time (TAT) ne COC indicate standard TAT, or Expedited TAT? | | Yes | | Project ABO-Coyote 12"" Steel Line has |
| | · • | | 168 | | been split into multiple reports/workorders |
| _ | Coolera sample cooler received? | | Yes | | |
| | , was cooler received in good condition? | | Yes | | due to amount of sample. WO#"s are as |
| • | he sample(s) received intact, i.e., not broken? | | | | follows: E210009 & E210010 |
| | e custody/security seals present? | | Yes | | |
| | e custody/security seals intact? | | No | | |
| - | · · · | (A) | NA | | |
| 12. Was 1 | the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling | | Yes | | |
| 13. If no | visible ice, record the temperature. Actual sample tem | perature: <u>4°</u> | <u>°C</u> | | |
| Sample | Container | | | | |
| - | aqueous VOC samples present? | | No | | |
| 15. Are | VOC samples collected in VOA Vials? | | NA | | |
| 16. Is th | e head space less than 6-8 mm (pea sized or less)? | | NA | | |
| 17. Was | a trip blank (TB) included for VOC analyses? | | NA | | |
| 18. Are | non-VOC samples collected in the correct containers? | | Yes | | |
| 19. Is the | e appropriate volume/weight or number of sample containers | collected? | Yes | | |
| Field La | abel | | | | |
| | e field sample labels filled out with the minimum informa | ation: | | | |
| | Sample ID? | | Yes | | |
| | Date/Time Collected? Collectors name? | | Yes | | |
| | Preservation | | Yes | | |
| | s the COC or field labels indicate the samples were present | rved? | No | | |
| | sample(s) correctly preserved? | | NA | | |
| | b filteration required and/or requested for dissolved metal | ls? | No | | |
| | nase Sample Matrix | | 1.0 | | |
| | s the sample have more than one phase, i.e., multiphase? | | No | | |
| | es, does the COC specify which phase(s) is to be analyzed | 19 | No NA | | |
| | tract Laboratory | | INA | | |
| | samples required to get sent to a subcontract laboratory? | | No | | |
| | a subcontract laboratory specified by the client and if so | who? | | Subcontract La | h' NA |
| ->. mus | a substantiater nuotratory spectrica by the chefit and it so | | 11/1 0 | subcontract La | 0.1111 |

C

Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:

ABO- Coyote 12" Steel Line

Work Order: E210020

Job Number: 21080-0001

Received: 10/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/10/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/10/22

Monica Peppin 3101 Boyd Drive Carlsbad, NM 88220 C

Page 316 of 377

Project Name: ABO- Coyote 12" Steel Line Workorder: E210020 Date Received: 10/4/2022 6:00:00PM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/4/2022 6:00:00PM, under the Project Name: ABO- Coyote 12" Steel Line.

The analytical test results summarized in this report with the Project Name: ABO- Coyote 12" Steel Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|---|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 4 |
| Sample Data | 5 |
| BS22-42 2' | 5 |
| BS22-43 2' | 6 |
| WS22-33 0-2' | 7 |
| WS22-34 0-2' | 8 |
| WS22-35 0-2' | 9 |
| WS22-36 0-2' | 10 |
| WS22-37 0-2' | 11 |
| QC Summary Data | 12 |
| QC - Volatile Organics by EPA 8021B | 12 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 13 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 14 |
| QC - Anions by EPA 300.0/9056A | 15 |
| Definitions and Notes | 16 |
| Chain of Custody etc. | 17 |

Sample Summary

| | | Sample Sum | mai y | | | | |
|--|---------------|----------------------------------|-------------------------------|------------|------------------|--|--|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | ABO- Coyote 12" 21080-0001 | Steel Line | Reported: | | |
| Carlsbad NM, 88220 | | Project Manager: | Monica Peppin | | 10/10/22 16:39 | | |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container | | |
| BS22-42 2' | E210020-01A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. | | |
| BS22-43 2' | E210020-02A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. | | |
| WS22-33 0-2' | E210020-03A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. | | |
| WS22-34 0-2' | E210020-04A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. | | |
| WS22-35 0-2' | E210020-05A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. | | |
| WS22-36 0-2' | E210020-06A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. | | |
| WS22-37 0-2' | E210020-07A | Soil | 09/30/22 | 10/04/22 | Glass Jar, 4 oz. | | |
| | | | | | | | |



| | 5 | ampic D | ala | | | |
|--|--|------------|---|-------------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name Project Numł Project Mana | ber: 2108 | D- Coyote 12" Ste 80-0001 nica Peppin | eel Line | | Reported: 10/10/2022 4:39:44PM |
| | | BS22-42 2' | | | | |
| | | E210020-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2241075 |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | Analyst: IY | | Batch: 2241075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.3 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2241080 |
| Diesel Range Organics (C10-C28) | 48.3 | 25.0 | 1 | 10/06/22 | 10/08/22 | |
| Oil Range Organics (C28-C36) | 67.0 | 50.0 | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 129 % | 50-200 | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2241091 |
| Chloride | 39.1 | 20.0 | 1 | 10/06/22 | 10/08/22 | |
| | | | | | | |

Sample Data



Sample Data

| | | imple D | | | | |
|--|---------------|----------------------------|-------------------|-------------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | Project Number: 21080-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Mor | nica Peppin | | | 10/10/2022 4:39:44PM |
| | - | BS22-43 2' | | | | |
| | | E210020-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | Analyst: IY | | Batch: 2241075 |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | Analyst: IY | | Batch: 2241075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 85.0 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2241080 |
| Diesel Range Organics (C10-C28) | 77.4 | 25.0 | 1 | 10/06/22 | 10/08/22 | |
| Oil Range Organics (C28-C36) | 110 | 50.0 | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | : RAS | | Batch: 2241091 |
| Chloride | 74.7 | 20.0 | 1 | 10/06/22 | 10/08/22 | |



Sample Data

| | 5 | ampic D | ata | | | | |
|--|---------------------------------|------------|-------------|----------|----------|--|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | rive Project Number: 21080-0001 | | | | | Reported: 10/10/2022 4:39:44PM | |
| | | | | | | | |
| | | E210020-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241075 | |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | |
| oluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | |
| -Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | | |
| otal Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | | |
| urrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2241075 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 85.0 % | 70-130 | 10/05/22 | 10/08/22 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2241080 | |
| Diesel Range Organics (C10-C28) | 36.2 | 25.0 | 1 | 10/06/22 | 10/08/22 | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/08/22 | | |
| urrogate: n-Nonane | | 123 % | 50-200 | 10/06/22 | 10/08/22 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241091 | |
| Chloride | ND | 20.0 | 1 | 10/06/22 | 10/08/22 | | |
| | | | | | | | |



Sample Data

| | D | ampic D | ata | | | |
|--|------------------------------|--------------|------------------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | | D- Coyote 12" Ste 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | | nica Peppin | | | 10/10/2022 4:39:44PM |
| | V | WS22-34 0-2' | | | | |
| | | E210020-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241075 |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| thylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| oluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2241075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 84.7 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2241080 |
| Diesel Range Organics (C10-C28) | 28.1 | 25.0 | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/08/22 | |
| Surrogate: n-Nonane | | 124 % | 50-200 | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2241091 |
| Chloride | 20.1 | 20.0 | 1 | 10/06/22 | 10/08/22 | |
| | | | | | | |



Sample Data

| | D | ampic D | ata | | | |
|--|------------------------------------|--------------|--------------|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | d Drive Project Number: 21080-0001 | | | | | Reported: 10/10/2022 4:39:44PM |
| Calisbau INNI, 80220 | 1 Toject Manaş | ger. With | nea i eppin | | | 10/10/2022 4.59.441 M |
| | V | VS22-35 0-2' | | | | |
| | | E210020-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241075 |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2241075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 83.1 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2241080 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/06/22 | 10/08/22 | |
| urrogate: n-Nonane | | 119 % | 50-200 | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2241091 |
| Chloride | 22.5 | 20.0 | 1 | 10/06/22 | 10/08/22 | |
| | | | | | | |



| | 3 | ample D | ลเล | | | |
|--|------------------------------|--------------|------------------------------|----------|----------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name Project Numb | | D- Coyote 12" Ste 80-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Mana | | nica Peppin | | | 10/10/2022 4:39:44PM |
| | I. | WS22-36 0-2' | | | | |
| | | E210020-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241075 |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| oluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | Batch: 2241075 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 83.9 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2241080 |
| Diesel Range Organics (C10-C28) | 73.1 | 25.0 | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | 135 | 50.0 | 1 | 10/06/22 | 10/08/22 | |
| urrogate: n-Nonane | | 124 % | 50-200 | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241091 |
| Chloride | ND | 20.0 | 1 | 10/06/22 | 10/08/22 | |
| | | | | | | |


Sample Data

| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
|--|---------------|--------------|-------------------|-------------|-----------|----------------------|
| 3101 Boyd Drive | Project Numbe | er: 210 | 80-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/10/2022 4:39:44PN |
| | v | VS22-37 0-2' | | | | |
| | | E210020-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | Analyst: IY | | Batch: 2241075 |
| Benzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| Toluene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/05/22 | 10/08/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/05/22 | 10/08/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2241075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/05/22 | 10/08/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 83.0 % | 70-130 | 10/05/22 | 10/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2241080 |
| Diesel Range Organics (C10-C28) | 43.6 | 25.0 | 1 | 10/06/22 | 10/08/22 | |
| Dil Range Organics (C28-C36) | 51.7 | 50.0 | 1 | 10/06/22 | 10/08/22 | |
| urrogate: n-Nonane | | 122 % | 50-200 | 10/06/22 | 10/08/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2241091 |
| Chloride | 68.6 | 20.0 | 1 | 10/06/22 | 10/10/22 | |



QC Summary Data

| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 21 | BO- Coyote 12 1080-0001 Ionica Peppin | " Steel Li | ne | | | Reported: 10/10/2022 4:39:44PM |
|--|-----------------|--|-------------------------|---|------------|--------------------|--------------|-------------------|--|
| | | Volatile O | rganics l | oy EPA 8021 | IB | | | | Analyst: IY |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2241075-BLK1) | | | | | | | Draparad: 1 | 0/05/22 | Analyzed: 10/08/22 |
| · · · · | | | | | | | i icpaicu. i | 0/03/22 7 | anaryzeu. 10/08/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND ND | 0.0250 | | | | | | | |
| Toluene o-Xylene | ND ND | 0.0250 0.0250 | | | | | | | |
| o-Xylene p,m-Xylene | ND | 0.0250 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.25 | 0.0230 | 8.00 | | 103 | 70-130 | | | |
| LCS (2241075-BS1) | | | | | | | Prepared: 1 | 0/05/22 | Analyzed: 10/08/22 |
| Benzene | 4.70 | 0.0250 | 5.00 | | 94.0 | 70-130 | - | | - |
| Ethylbenzene | 3.66 | 0.0250 | 5.00 | | 73.2 | 70-130 | | | |
| Toluene | 3.94 | 0.0250 | 5.00 | | 78.7 | 70-130 | | | |
| o-Xylene | 3.72 | 0.0250 | 5.00 | | 74.4 | 70-130 | | | |
| p,m-Xylene | 7.44 | 0.0500 | 10.0 | | 74.4 | 70-130 | | | |
| Total Xylenes | 11.2 | 0.0250 | 15.0 | | 74.4 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.25 | | 8.00 | | 103 | 70-130 | | | |
| LCS Dup (2241075-BSD1) | | | | | | | Prepared: 1 | 0/05/22 | Analyzed: 10/08/22 |
| Benzene | 5.08 | 0.0250 | 5.00 | | 102 | 70-130 | 7.75 | 20 | |
| Ethylbenzene | 3.99 | 0.0250 | 5.00 | | 79.7 | 70-130 | 8.57 | 20 | |
| Toluene | 4.27 | 0.0250 | 5.00 | | 85.4 | 70-130 | 8.13 | 20 | |
| o-Xylene | 4.05 | 0.0250 | 5.00 | | 80.9 | 70-130 | 8.35 | 20 | |
| p,m-Xylene | 8.10 | 0.0500 | 10.0 | | 81.0 | 70-130 | 8.55 | 20 | |
| Total Xylenes | 12.1 | 0.0250 | 15.0 | | 81.0 | 70-130 | 8.48 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.18 | | 8.00 | | 102 | 70-130 | | | |



QC Summary Data

| | | X U ~ | , u | ary Duc | | | | | |
|--|--------|---------------------------------|----------------|-----------------------------|------------|---------------|-----------|--------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number | | ABO- Coyote 1 21080-0001 | 2" Steel L | ine | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager | r: N | Monica Peppin | | | | | 10/10/2022 4:39:44PM |
| | No | nhalogenated | Organics | s by EPA 80 | 15D - G | RO | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241075-BLK1) | | | | | | | Prepared: | 10/05/22 | Analyzed: 10/08/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.71 | | 8.00 | | 83.9 | 70-130 | | | |
| LCS (2241075-BS2) | | | | | | | Prepared: | 10/05/22 | Analyzed: 10/08/22 |
| Gasoline Range Organics (C6-C10) | 49.5 | 20.0 | 50.0 | | 99.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.78 | | 8.00 | | 84.7 | 70-130 | | | |
| LCS Dup (2241075-BSD2) | | | | | | | Prepared: | 10/05/22 | Analyzed: 10/08/22 |
| Gasoline Range Organics (C6-C10) | 49.6 | 20.0 | 50.0 | | 99.2 | 70-130 | 0.175 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.90 | | 8.00 | | 86.3 | 70-130 | | | |



QC Summary Data

| | | QU N | | ary Date | • | | | | |
|--|--------|--|----------------|------------------------------|-------------|---------------|-------------|--------------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | ABO- Coyote 12 21080-0001 | 2" Steel Li | ine | | | Reported: 10/10/2022 4:39:44PM |
| Carisbad NM, 88220 | | Project Manager: | ľ | Monica Peppin | | | | | 10/10/2022 4.39.44FM |
| | Nonh | alogenated Org | anics by | y EPA 8015E | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2241080-BLK1) | | | | | | | Prepared: 1 | 0/06/22 A | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 62.8 | | 50.0 | | 126 | 50-200 | | | |
| LCS (2241080-BS1) | | | | | | | Prepared: 1 | 0/06/22 A | Analyzed: 10/07/22 |
| Diesel Range Organics (C10-C28) | 252 | 25.0 | 250 | | 101 | 38-132 | | | |
| Surrogate: n-Nonane | 61.4 | | 50.0 | | 123 | 50-200 | | | |
| Matrix Spike (2241080-MS1) | | | | Source: | E210019- | 24 | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| Diesel Range Organics (C10-C28) | 262 | 25.0 | 250 | ND | 105 | 38-132 | | | |
| Surrogate: n-Nonane | 56.9 | | 50.0 | | 114 | 50-200 | | | |
| Matrix Spike Dup (2241080-MSD1) | | | | Source: | E210019- | 24 | Prepared: 1 | 0/06/22 A | Analyzed: 10/08/22 |
| Diesel Range Organics (C10-C28) | 248 | 25.0 | 250 | ND | 99.0 | 38-132 | 5.50 | 20 | |
| Surrogate: n-Nonane | 59.7 | | 50.0 | | 119 | 50-200 | | | |



QC Summary Data

| | | $\chi \sim \sim$ | •••••• | , <u> </u> | | | | | |
|--|-----------------|---|-------------------------|--|-------------|--------------------|-------------|-------------------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager | , | ABO- Coyote 1 21080-0001 Monica Peppin | 2" Steel Li | ne | | | Reported: 10/10/2022 4:39:44PM |
| | | Anions | by EPA | 300.0/90564 | 1 | | | | Analyst: RAS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2241091-BLK1) | | | | | | | Prepared: 1 | 0/06/22 | Analyzed: 10/07/22 |
| Chloride LCS (2241091-BS1) | ND | 20.0 | | | | | Prepared: 1 | 0/06/22 | Analyzed: 10/07/22 |
| Chloride | 262 | 20.0 | 250 | C. | 105 | 90-110 | D 11 | 0.10.6.100 | 1 1 10/00/22 |
| Matrix Spike (2241091-MS1) | | | | Source: | E210019- | 21 | Prepared: 1 | 0/06/22 / | Analyzed: 10/08/22 |
| Chloride | 295 | 20.0 | 250 | 31.4 | 106 | 80-120 | | | |
| Matrix Spike Dup (2241091-MSD1) | | | | Source: | E210019- | 21 | Prepared: 1 | 0/06/22 / | Analyzed: 10/08/22 |
| Chloride | 295 | 20.0 | 250 | 31.4 | 106 | 80-120 | 0.0206 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Vertex Resource Services Inc. | Project Name: | ABO- Coyote 12" Steel Line | |
|-------------------------------|------------------|----------------------------|----------------|
| 3101 Boyd Drive | Project Number: | 21080-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Monica Peppin | 10/10/22 16:39 |

| ND | Analyte NOT DETECTED at or above the reporting limit |
|-----|--|
| 1.2 | maryte no i bbilbe ibb at of acove are reporting initi |

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Client: Vertex (Durango direct b | oill) | | | | RUSH? | Li | ab Use Only | T | | An | alysis and Method | | lab Only |
|---|-------------------|----------------|---|---------------------|-----------------------------|-------------------|--|------------|--------------|---------|-----------------------|------------|--|
| Project: ABO-Coyote 12" Steel I | ine | | | | 1d | | Lab WO# | | | 10 | | | N/A |
| Sampler: L. Pullman | | | | | 3d | | 210020 | _ | | 0 | | | er V (s) |
| Phone: 575-361-9880 | | | | | | 200 | ob Number | 8015 | | 0 | 300.0 | | /Prsr |
| Email(s): MPeppin@vertex.ca, p Project Manager: Monica Peppi | | rtex.ca | | | Dag | | 1 1045 | - À | BTEX by 8021 | 181 | by 3 | | Lab Number Correct Cont/Prsrv (s) Y/N |
| | | | 1 | Sample | Pag | | I UND | GRO/DRO | X by | à | Chloride by | | rect |
| Sample ID | | | Sample Date | Time | Matrix | QTY - Vol/ | TYPE/Preservative | GRC | BTE | HdT | Chic | | Cor |
| BS22-42 2' | | | 1 | 11:30 | So:1 | 140 | 7. 101 | 8 | X | 2 | X | | 1 |
| BS22-43 2' | | | 12-30-D | 11:35 | Soil | 14 | 07 101 | 8 | X | x | X | | 2 |
| WS22-33 0-2' | | | 9-30-22 | 11:00 | Sat | 14 | oz jar | X | 8 | x | X | | 3 |
| WS22-34 0-2 | 1 | | 9-30-22 | 1 | | | 34 | ļ | 1 | 1 |) | | 4 |
| WS22-35 0- | 1.1 | | 9-30-22 | | Soil | | | T | Π | | | | 5 |
| WS22-36 0-7 | <i>'</i> , | | 9-30-22 | | | | | T | Π | | | | 6 |
| WS22-37 000 | om 0-: | ζ, | 9-30-22 | | | 1 | V | V | V | V | V | | 7 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Relinquising by: (Signature) | -3-22 (| Time 00-181 | Received | by: (Signa | iture) | Date | Time * | *Rece | ived | on lo | N N | | |
| Relinquished by: (Signature) | Date | Time | Received | butstaga | | 10/4/22 | 18:00 A | 1 VG Te | - mp ° | c L | ₽ ² | Т3_ | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, | A - Aqueous, O - | Other | | 4-6 | | | | | | - | /plastic, ag - amber | glass, v - | VOA |
| **Samples requiring thermal preservation mu | | | Internet and the second division of a second second | | | | Non- United and Annual Street of Concession, | °C on su | bsequ | ent da | ys. | | |
| Sample(s) dropped off after hours to a s | ecure drop off ar | ea | | Chain o | f Custody | Notes/Billi | ng info: Project ow | ner: Am | ber Gr | oves, C | Jurango. Direct bill. | | |
| Benviro | tec | h | 5796 US HI | ghway 64. Farm | origitan, N <i>14</i> #7403 | L | Ph (105) 63. | 0615 /* | (505) 612 | 1865 | 1 | - | enter trans an |
| Analytical | | | Three Sprin | ups + 65 Merri auto | Sireet Surte 115, | Ourange (0 \$1101 | Ph 14701 75 | - | | | | tamatory | matical instant |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| lient: | Vertex Resource Services Inc. Da | ate Received: | 10/04/22 | 18:00 | Work Order ID: | E210020 |
|------------|---|-----------------------|------------|---------------------|----------------|----------------|
| hone: | | ate Logged In: | 10/04/22 | | Logged In By: | Alexa Michaels |
| Email: | | ie Date: | | 17:00 (4 day TAT) | Logged in By. | Altxa Michaels |
| 71 | | | | | | |
| | f Custody (COC) | | | | | |
| | the sample ID match the COC? the number of samples per sampling site location match | the COC | Yes | | | |
| | samples dropped off by client or carrier? | ule COC | Yes | ~ | | |
| | the COC complete, i.e., signatures, dates/times, requested | l | Yes Yes | Carrier: <u>UPS</u> | | |
| | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | • | Yes | | Comment | s/Resolution |
| Sample ' | Turn Around Time (TAT) | | | | | |
| | e COC indicate standard TAT, or Expedited TAT? | | No | | | |
| Sample | • | | | | | |
| | sample cooler received? | | Yes | | | |
| | was cooler received in good condition? | | Yes | | | |
| - | he sample(s) received intact, i.e., not broken? | | Yes | | | |
| | custody/security seals present? | | No | | | |
| | s, were custody/security seals intact? | | | | | |
| • | he sample received on ice? If yes, the recorded temp is 4°C, i.e. | | NA Yes | | | |
| 12 TE | Note: Thermal preservation is not required, if samples are rea minutes of sampling | | c | | | |
| | visible ice, record the temperature. Actual sample tem | nperature: <u>4</u> - | <u>c</u> | | | |
| | <u>Container</u> | | | | | |
| | aqueous VOC samples present? | | No NA | | | |
| | VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | |
| | non-VOC samples collected in the correct containers? | | Yes | | | |
| | appropriate volume/weight or number of sample containers | collected? | Yes | | | |
| Field La | | conceteur | 105 | | | |
| | tield sample labels filled out with the minimum information of the minimum | ation | | | | |
| | Sample ID? | anon | Yes | | | |
| | Date/Time Collected? | | Yes | | | |
| C | Collectors name? | | Yes | | | |
| - | Preservation | | | | | |
| | the COC or field labels indicate the samples were prese | rved? | No | | | |
| | sample(s) correctly preserved? | | NA | | | |
| 24. Is lat | o filteration required and/or requested for dissolved meta | uls? | No | | | |
| | ase Sample Matrix | | | | | |
| 26. Does | the sample have more than one phase, i.e., multiphase? | | No | | | |
| 27. If yes | s, does the COC specify which phase(s) is to be analyzed | d? | NA | | | |
| | ract Laboratory | | | | | |
| 28. Are s | samples required to get sent to a subcontract laboratory? | | No | | | |
| | a subcontract laboratory specified by the client and if so | 19 | NA | Subcontract Lab: NA | | |

Date



envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Vertex Resource Services Inc.

Project Name:

ABO- Coyote 12" Steel Line

Work Order: E210167

Job Number: 21080-0001

Received: 10/24/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 10/28/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/28/22

Monica Peppin 3101 Boyd Drive Carlsbad, NM 88220 P

Page 334 of 377

Project Name: ABO- Coyote 12" Steel Line Workorder: E210167 Date Received: 10/24/2022 9:55:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2022 9:55:00AM, under the Project Name: ABO- Coyote 12" Steel Line.

The analytical test results summarized in this report with the Project Name: ABO- Coyote 12" Steel Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759

ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

•

Table of Contents

| Title Page | 1 |
|-------------------|----|
| Cover Page | 2 |
| Table of Contents | 3 |
| Sample Summary | 5 |
| Sample Data | 6 |
| BS22-07 2' | 6 |
| BS22-13 2' | 7 |
| WS22-03 4-8' | 8 |
| WS22-13 0-4' | 9 |
| WS22-36 0-2' | 10 |
| BS22-42 2.5' | 11 |
| BS22-43 2.5' | 12 |
| BS22-60 0.5' | 13 |
| BS22-61 0.5' | 14 |
| BS22-62 0.5' | 15 |
| BS22-63 0.5' | 16 |
| BS22-64 0.5' | 17 |
| BS22-65 0.5' | 18 |
| BS22-66 0.5' | 19 |
| BS22-67 0.5' | 20 |
| BS22-68 0.5' | 21 |
| BS22-69 0.5' | 22 |
| BS22-70 0.5' | 23 |
| BS22-71 0.5' | 24 |
| BS22-72 0.5' | 25 |

.

Table of Contents (continued)

| | BS22-73 0.5' | 26 |
|---|---|----|
| | BS22-74 0.5' | 27 |
| | WS22-49 0-0.5' | 28 |
| | WS22-50 0-0.5' | 29 |
| | WS22-51 0-0.5' | 30 |
| | WS22-52 0-0.5' | 31 |
| Q | C Summary Data | 32 |
| | QC - Volatile Organics by EPA 8021B | 32 |
| | QC - Nonhalogenated Organics by EPA 8015D - GRO | 34 |
| | QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 36 |
| | QC - Anions by EPA 300.0/9056A | 38 |
| D | efinitions and Notes | 40 |
| С | nain of Custody etc. | 41 |

Sample Summarv

| | | Sample Sum | | | |
|-------------------------------|---------------|------------------|-----------------|------------|------------------|
| Vertex Resource Services Inc. | | Project Name: | ABO- Coyote 12" | Steel Line | Reported: |
| 3101 Boyd Drive | | Project Number: | 21080-0001 | | - |
| Carlsbad NM, 88220 | | Project Manager: | Monica Peppin | | 10/28/22 14:50 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| 3S22-07 2' | E210167-01A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| 3822-13 2' | E210167-02A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| WS22-03 4-8' | E210167-03A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| VS22-13 0-4' | E210167-04A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| VS22-36 0-2' | E210167-05A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| 8S22-42 2.5' | E210167-06A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| 3S22-43 2.5' | E210167-07A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-60 0.5' | E210167-08A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| 8S22-61 0.5' | E210167-09A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-62 0.5' | E210167-10A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-63 0.5' | E210167-11A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-64 0.5' | E210167-12A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-65 0.5' | E210167-13A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-66 0.5' | E210167-14A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| 3822-67 0.5' | E210167-15A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-68 0.5' | E210167-16A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| 3S22-69 0.5' | E210167-17A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-70 0.5' | E210167-18A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-71 0.5' | E210167-19A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-72 0.5' | E210167-20A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| \$22-73 0.5 | E210167-21A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| S22-74 0.5' | E210167-22A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| /S22-49 0-0.5' | E210167-23A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| /822-50 0-0.5' | E210167-24A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| /822-51 0-0.5' | E210167-25A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |
| /S22-52 0-0.5' | E210167-26A | Soil | 10/19/22 | 10/24/22 | Glass Jar, 4 oz. |



| | 5 | ampie D | ala | | | |
|--|--|------------|--|--------------|----------|---------------------------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numb Project Manag | er: 210 | D- Coyote 12" St 80-0001 nica Peppin | teel Line | | Reported: 10/28/2022 2:50:38PM |
| | | BS22-07 2' | | | | |
| | | E210167-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | vst: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 108 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | Analyst: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.9 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | vst: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 97.8 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | vst: KL | | Batch: 2244020 |
| Chloride | ND | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |

Sample Data



Sample Data

| | 5 | | ala | | | |
|--|--|------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name Project Numb Project Mana | ber: 210 | D- Coyote 12" Ste 80-0001 nica Peppin | el Line | | Reported: 10/28/2022 2:50:38PM |
| | | BS22-13 2' | | | | |
| | | E210167-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| thylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| oluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 108 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 77.7 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| urrogate: n-Nonane | | 102 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | ND | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |



Sample Data

| | 50 | imple D | ala | | | |
|--|---------------|--------------|-------------------|----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Mor | ica Peppin | | | 10/28/2022 2:50:38PM |
| | W | /S22-03 4-8' | | | | |
| | - | E210167-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| foluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.7 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | rg Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | 57.4 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



Sample Data

| | 25 | ample D | ลเล | | | |
|--|---------------|-------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| | W | VS22-13 0-4 | | | | |
| | | E210167-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.5 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | , Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: KL | | Batch: 2244020 |
| Chloride | ND | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |



Sample Data

| | D. | ampic D | ata | | | |
|--|--|-------------------|---|-------------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numb Project Manag | er: 210 | ABO- Coyote 12" Steel Line 21080-0001 Monica Peppin | | | Reported: 10/28/2022 2:50:38PM |
| , | 5 6 | - VS22-36 0-2' | | | | |
| | | E210167-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Foluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.7 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | Analyst: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | ND | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |



Sample Data

| | ~ | | | | | |
|--|---------------|--------------|-------------------|----------|-----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 80-0001 | | Reported: | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| | F | 3822-42 2.5' | | | | |
| | | E210167-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.7 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| urrogate: n-Nonane | | 107 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: KL | | Batch: 2244020 |
| Chloride | 148 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



Sample Data

| | ~ | ampic D | | | | |
|--|--------------------------------|--------------|------------------------------|----------|----------------------|----------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name: Project Numbe | | D- Coyote 12" Ste 80-0001 | el Line | | Reported: |
| Carlsbad NM, 88220 | Project Manager: | | nica Peppin | | 10/28/2022 2:50:38PM | |
| | ŀ | 3822-43 2.5' | | | | |
| | | E210167-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | :: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 110 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.9 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| urrogate: n-Nonane | | 101 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | :: KL | | Batch: 2244020 |
| Chloride | 36.7 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



| | 5 | ampic D | ala | | | |
|--|---|--------------|---|----------|----------------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name Project Numb Project Manaş | per: 2108 | D- Coyote 12" Ste 80-0001 nica Peppin | el Line | | Reported: 10/28/2022 2:50:38PM |
| |] | BS22-60 0.5' | | | | |
| | | E210167-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| oluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 107 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 84.4 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | Batch: 2244019 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Gurrogate: n-Nonane | | 99.9 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | 52.8 | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |

Sample Data

| | ~ | ampic D | | | | |
|--|---------------|--------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | | | |
| 3101 Boyd Drive | Project Numb | er: 2108 | | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| |] | BS22-61 0.5' | | | | |
| | | E210167-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | :: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.7 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 102 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | 37.3 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



Sample Data

| | 21 | ample D | ลเล | | | |
|--|---------------|--------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| | F | BS22-62 0.5' | | | | |
| | | E210167-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.1 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 93.9 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: KL | | Batch: 2244020 |
| Chloride | 83.2 | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |



| | Di | ample D | ลเล | | | |
|--|----------------|--------------|--------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Stee | el Line | | |
| 3101 Boyd Drive | Project Number | er: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| | Е | 3822-63 0.5' | | | | |
| | | E210167-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | :: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 107 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | :: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 82.7 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | /kg Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| urrogate: n-Nonane | | 98.6 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | :: KL | | Batch: 2244020 |
| Chloride | 40.9 | 40.0 | 2 | 10/25/22 | 10/26/22 | |



Sample Data

| | 50 | ampie D | ala | | | |
|--|---|----------------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numbe Project Manag | er: 210 | D- Coyote 12" Ste 80-0001 nica Peppin | el Line | | Reported: 10/28/2022 2:50:38PM |
| | E | 3 822-64 0.5' | | | | |
| | | E210167-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 110 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 78.1 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | ND | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |



| | 50 | ample D | ala | | | |
|--|---------------|--------------|------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" St | eel Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | er: Mor | ica Peppin | | | 10/28/2022 2:50:38PM |
| | В | BS22-65 0.5' | | | | |
| | - | E210167-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 107 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: RKS | | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 80.9 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 98.9 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: KL | | Batch: 2244020 |
| Chloride | 78.1 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



Sample Data

| | | utu | | | |
|--------------------------------|---|---|---|---|--|
| Project Name: Project Numbe | | 2 | el Line | | Reported: |
| Project Manag | 10/28/2022 2:50:38PM | | | | |
| E | 3S22-66 0.5' | | | | |
| | E210167-14 | | | | |
| | Reporting | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Analys | :: RKS | | Batch: 2244016 |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| mg/kg | mg/kg | Analyst: RKS | | Batch: 2244016 | |
| ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| | 80.3 % | 70-130 | 10/24/22 | 10/25/22 | |
| mg/kg | mg/kg | Analys | t: JL | | Batch: 2244019 |
| ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| | 108 % | 50-200 | 10/24/22 | 10/27/22 | |
| mg/kg | mg/kg | Analys | :: KL | | Batch: 2244020 |
| 103 | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | Project Name: Project Numbo Project Manage Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND | Project Name: ABC Project Number: 2108 Project Manager: Mor BS22-66 0.5' E210167-14 BS22-66 0.5' E210167-14 BS22-66 0.5' E210167-14 Mark Limit Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 80.3 % mg/kg Mg/kg Mg/kg ND 25.0 ND 50.0 ND 50.0 ND 50.0 ND 50.0 <td< td=""><td>Project Number: 21080-0001 Project Manager: Monica Peppin BS22-66 0.5' E210167-14 Reporting Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 20.0 1 Mg/kg mg/kg Analyst MD 25.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 N</td><td>Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-66 0.5' E BS22-66 0.5' D BS22-66 0.5' D Result Dilution Prepared MD 0.0250 1 10/24/22 ND 0.0250 1 10/24/22 ND 20.0 1 10/24/22 MD 20.0 1 10/24/22 MD 25.0 1 10/24/22</td><td>Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-66 0.5' E210167-14 BS22-66 0.5' E210167-14 Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyst: RKS V V ND 0.0250 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 MD</td></td<> | Project Number: 21080-0001 Project Manager: Monica Peppin BS22-66 0.5' E210167-14 Reporting Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 20.0 1 Mg/kg mg/kg Analyst MD 25.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 N | Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-66 0.5' E BS22-66 0.5' D BS22-66 0.5' D Result Dilution Prepared MD 0.0250 1 10/24/22 ND 0.0250 1 10/24/22 ND 20.0 1 10/24/22 MD 20.0 1 10/24/22 MD 25.0 1 10/24/22 | Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Monica Peppin BS22-66 0.5' E210167-14 BS22-66 0.5' E210167-14 Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyst: RKS V V ND 0.0250 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 MD |



Sample Data

| | 56 | imple D | ala | | | |
|--|--------------------------------|--------------|--------------------------|--------------|----------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | Project Name: Project Numbe | | D- Coyote 12' 80-0001 | ' Steel Line | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| | В | 8822-67 0.5' | | | | |
| | | E210167-15 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Aı | nalyst: IY | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 105 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | Batch: 2244016 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 80.9 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Aı | nalyst: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 105 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ai | nalyst: KL | | Batch: 2244020 |
| Chloride | 76.5 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



| | 50 | imple D | ala | | | |
|--|----------------|-------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 2108 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manage | er: Mor | iica Peppin | | | 10/28/2022 2:50:38PM |
| | В | S22-68 0.5' | | | | |
| |] | E210167-16 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 110 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: RKS | | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 80.8 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | it: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | 40.9 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



Sample Data

| 25 | imple D | ลเล | | | |
|----------------|---|--|--|---|---|
| Project Name: | | • | eel Line | | |
| 5 | | | | | Reported: 10/28/2022 2:50:38PM |
| Project Manage | er: Mor | lica Peppili | | | 10/28/2022 2.30.38FW |
| В | 8822-69 0.5' | | | | |
|] | E210167-17 | | | | |
| | Reporting | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Analy | st: RKS | | Batch: 2244016 |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| mg/kg | mg/kg | Analyst: RKS | | | Batch: 2244016 |
| ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| | 83.2 % | 70-130 | 10/24/22 | 10/25/22 | |
| mg/kg | mg/kg | Analy | st: JL | | Batch: 2244019 |
| ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| | 106 % | 50-200 | 10/24/22 | 10/27/22 | |
| mg/kg | mg/kg | Analy | st: KL | | Batch: 2244020 |
| 63.6 | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | Project Name: Project Numbe Project Manag B Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND | Project Name: ABC Project Number: 2108 Project Manager: Mon BS22-69 0.5' E210167-17 BS22-69 0.5' Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 S3.2 % Mg/kg mg/kg mg/kg ND 25.0 ND 50.0 ND 50.0 ND 50.0 ND 50.0 | Project Number: 21080-001 Project Manager: Monica Peppin BS22-69 0.5' E210167-17 Result Limit Dilution Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 20.0 1 mg/kg mg/kg Analy ND 20.0 1 ND 20.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 ND 50.200 1 Mg/kg Mg/kg <td< td=""><td>Image: Project Name: 21080-0001 Project Number: 21080-0001 Project Manager: Monica Peppin BS22-69 0.5' MD 0.0250 1 0/24/22 ND 0.0250 1 0/24/22 ND 20.0 1 0/24/22 MD 20.0</td><td>Image: ABO- Coyote 12" Steel Line Project Namee: 21080-0001 Project Manager: Monica Peppin BS22-69 0.5' E210167-17 BS22-69 0.5' E210167-17 Result Limit Dilution Prepared Analyzed Mp/Kg mg/kg Analyst: RKS V V ND 0.0250 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 25.0 1</td></td<> | Image: Project Name: 21080-0001 Project Number: 21080-0001 Project Manager: Monica Peppin BS22-69 0.5' MD 0.0250 1 0/24/22 ND 0.0250 1 0/24/22 ND 20.0 1 0/24/22 MD 20.0 | Image: ABO- Coyote 12" Steel Line Project Namee: 21080-0001 Project Manager: Monica Peppin BS22-69 0.5' E210167-17 BS22-69 0.5' E210167-17 Result Limit Dilution Prepared Analyzed Mp/Kg mg/kg Analyst: RKS V V ND 0.0250 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 20.0 1 10/24/22 10/25/22 ND 25.0 1 |



Sample Data

| | 5 | ampic D | ata | | | |
|--|--------------|----------------------|-------------------|----------|----------|----------------|
| Vertex Resource Services Inc. | Project Name | : ABO | D- Coyote 12" Ste | | | |
| 3101 Boyd Drive | Project Numb | er: 210 | 80-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Mana | 10/28/2022 2:50:38PM | | | | |
| |] | BS22-70 0.5' | | | | |
| | | E210167-18 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 106 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.1 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | 29.8 | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 104 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: KL | | Batch: 2244020 |
| Chloride | 29.8 | 20.0 | 1 | 10/25/22 | 10/26/22 | |
| | | | | | | |



Sample Data

| | 50 | ample D | ala | | | |
|--|---------------|--------------|------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | | D- Coyote 12" St | teel Line | | |
| 3101 Boyd Drive | Project Numbe | | 30-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Mor | iica Peppin | | | 10/28/2022 2:50:38PM |
| | В | BS22-71 0.5' | | | | |
| | | E210167-19 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 108 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.1 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: KL | | Batch: 2244020 |
| Chloride | 105 | 20.0 | 1 | 10/25/22 | 10/26/22 | |



Sample Data

| | 29 | imple D | ala | | | |
|--|----------------|-------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | r: 2108 | 30-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manage | er: Mor | iica Peppin | | | 10/28/2022 2:50:38PM |
| | В | S22-72 0.5' | | | | |
| | 1 | E210167-20 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244016 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| thylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| oluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| otal Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: RKS | | | Batch: 2244016 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 84.4 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2244019 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/27/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/27/22 | |
| urrogate: n-Nonane | | 105 % | 50-200 | 10/24/22 | 10/27/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244020 |
| Chloride | 46.5 | 20.0 | | | | |



Sample Data

| | 25 | ample D | ลเล | | | |
|--|---------------|--------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | 80-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| | В | 3822-73 0.5' | | | | |
| | - | E210167-21 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244008 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2244008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 97.0 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | ıt: JL | | Batch: 2244018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/25/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: n-Nonane | | 93.6 % | 50-200 | 10/24/22 | 10/25/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244017 |
| Chloride | 25.8 | 20.0 | 1 | 10/24/22 | 10/26/22 | |
| | | | | | | |



Sample Data

| | 54 | imple D | ata | | | |
|--|---|-------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numbe Project Manag | r: 2108 | D- Coyote 12" Ste 80-0001 iica Peppin | el Line | | Reported: 10/28/2022 2:50:38PM |
| | B | S22-74 0.5' | | | | |
| |] | E210167-22 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244008 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2244008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 96.8 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2244018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/25/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 10/24/22 | 10/25/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244017 |
| Chloride | 58.1 | 20.0 | 1 | 10/24/22 | 10/26/22 | |



| | | ample D | ata | | | |
|--|---|--------------|---|----------|----------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | Project Name: Project Numbe Project Manag | er: 210 | D- Coyote 12" Ste 30-0001 nica Peppin | el Line | | Reported: 10/28/2022 2:50:38PM |
| | W | S22-49 0-0.5 | ; · | | | |
| | - | E210167-23 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2244008 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| p-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/25/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 105 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2244008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 98.4 % | 70-130 | 10/24/22 | 10/25/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2244018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/25/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/25/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 10/24/22 | 10/25/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244017 |
| Chloride | 111 | 20.0 | 1 | 10/24/22 | 10/26/22 | |


| | 25 | imple D | ala | | | |
|--|----------------|--------------|-------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" Ste | el Line | | |
| 3101 Boyd Drive | Project Numbe | r: 210 | | Reported: | | |
| Carlsbad NM, 88220 | Project Manage | er: Mor | ica Peppin | | | 10/28/2022 2:50:38PM |
| | W | 822-50 0-0.5 | • | | | |
| |] | E210167-24 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2244008 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| thylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| oluene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| -Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/26/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| urrogate: 4-Bromochlorobenzene-PID | | 107 % | 70-130 | 10/24/22 | 10/26/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2244008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/26/22 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 94.8 % | 70-130 | 10/24/22 | 10/26/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | ıt: JL | | Batch: 2244018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/25/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: n-Nonane | | 96.1 % | 50-200 | 10/24/22 | 10/25/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: KL | | Batch: 2244017 |
| Chloride | 380 | 20.0 | 1 | 10/24/22 | 10/26/22 | |



| | Di | ample D | ลเล | | | |
|--|---------------|--------------|------------------|-----------|----------|----------------------|
| Vertex Resource Services Inc. | Project Name: | ABO | D- Coyote 12" St | eel Line | | |
| 3101 Boyd Drive | Project Numbe | er: 210 | | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Mor | nica Peppin | | | 10/28/2022 2:50:38PM |
| | W | S22-51 0-0.5 | ;' | | | |
| | | E210167-25 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | | Batch: 2244008 |
| Benzene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| Toluene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| o-Xylene | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 10/24/22 | 10/26/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/24/22 | 10/26/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 107 % | 70-130 | 10/24/22 | 10/26/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | | Batch: 2244008 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/24/22 | 10/26/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.5 % | 70-130 | 10/24/22 | 10/26/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2244018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/24/22 | 10/25/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/24/22 | 10/25/22 | |
| urrogate: n-Nonane | | 93.0 % | 50-200 | 10/24/22 | 10/25/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: KL | | Batch: 2244017 |
| Chloride | 88.7 | 20.0 | 1 | 10/24/22 | 10/26/22 | |



| Project N | le | |
|--------------------------|-------------------------|--------|
| Project N | Reported | 1: |
| Project N | 10/28/2022 2:5 | 0:38PM |
| | | |
| | | |
| | | |
| Resul | Prepared Analyzed Notes | |
| B mg/k | Batch: 224400 |)8 |
| ND | 10/24/22 10/25/22 | |
| ND | 0/24/22 10/25/22 | |
| ND | 10/24/22 10/25/22 | |
| ND | 10/24/22 10/25/22 | |
| ND | 10/24/22 10/25/22 | |
| ND | 10/24/22 10/25/22 | |
| | 10/24/22 10/25/22 | |
| PA 8015D - GRO mg/kg | Batch: 224400 |)8 |
| ND | 0/24/22 10/25/22 | |
|) | 10/24/22 10/25/22 | |
| PA 8015D - DRO/ORO mg/kg | Batch: 224401 | 8 |
| ND | 0/24/22 10/25/22 | |
| ND | 10/24/22 10/25/22 | |
| | 10/24/22 10/25/22 | |
| mg/k | Batch: 224401 | 7 |
| ND | 10/24/22 10/26/22 | |
| | Batch: 22 | 4401 |



QC Summary Data

| | ¥ 0 00 | | = | | | | | |
|--------------|--|---|---|---|---|--|--|---|
| | Project Name: | | - | 2" Steel Li | ne | | | Reported: |
| | | | | | | | | |
| | Project Manager: | N | Ionica Peppin | | | | | 10/28/2022 2:50:38PM |
| | Volatile O | | | Analyst: RKS | | | | |
| Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| | | | | | | Prepared: 1 | 0/24/22 A | analyzed: 10/24/22 |
| ND | 0.0250 | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| ND | | | | | | | | |
| 8.47 | 0.0230 | 8.00 | | 106 | 70-130 | | | |
| | | | | | | Prepared: 1 | 0/24/22 A | analyzed: 10/24/22 |
| 5.20 | 0.0250 | 5.00 | | 104 | 70-130 | | | |
| | | | | | | | | |
| 5.30 | | | | 106 | 70-130 | | | |
| 5.31 | | | | 106 | 70-130 | | | |
| | | | | 104 | 70-130 | | | |
| 15.7 | | 15.0 | | 105 | 70-130 | | | |
| 8.48 | | 8.00 | | 106 | 70-130 | | | |
| | | | Source: | E210163-(| 01 | Prepared: 1 | 0/24/22 A | analyzed: 10/24/22 |
| 5.34 | 0.0250 | 5.00 | ND | 107 | 54-133 | | | |
| 5.29 | | 5.00 | ND | 106 | 61-133 | | | |
| 5.45 | 0.0250 | 5.00 | ND | 109 | 61-130 | | | |
| 5.44 | 0.0250 | 5.00 | ND | 109 | 63-131 | | | |
| 10.7 | 0.0500 | 10.0 | ND | 107 | 63-131 | | | |
| 16.1 | 0.0250 | 15.0 | ND | 108 | 63-131 | | | |
| 8.41 | | 8.00 | | 105 | 70-130 | | | |
| | | | Source: | E210163-(| 01 | Prepared: 1 | 0/24/22 A | analyzed: 10/25/22 |
| 4.98 | 0.0250 | 5.00 | ND | 99.6 | 54-133 | 7.07 | 20 | |
| 4.99 | 0.0250 | 5.00 | ND | 99.8 | 61-133 | 5.84 | 20 | |
| 1.55 | | | | | 61-130 | 6.40 | 20 | |
| 5.11 | 0.0250 | 5.00 | ND | 102 | 01-130 | 6.49 | 20 | |
| | | 5.00 5.00 | ND ND | 102 103 | 63-131 | 5.77 | 20 | |
| 5.11 | 0.0250 | | | | | | | |
| 5.11 5.14 | 0.0250 0.0250 | 5.00 | ND | 103 | 63-131 | 5.77 | 20 | |
| | ND ND ND ND ND ND S.47 5.20 5.15 5.30 5.31 10.4 15.7 8.48 5.34 5.29 5.45 5.44 10.7 16.1 8.41 4.98 | Project Name: Project Number: Project Manager: Volatile O Result mg/kg Reporting Limit mg/kg ND 0.0250 S.20 0.0250 5.15 0.0250 5.30 0.0250 5.31 0.0250 5.34 0.0250 5.44 0.0250 5.44 0.0250 5.44 0.0250 5.44 0.0250 5.44 0.0250 5.44 0.0250 5.44 0.0250 5.44 0.0250 5.44 0.0250 8.41 0.0250 | Project Name: A Project Number: 2 Project Manager: M Volatile Organics Spike Result Reporting Spike mg/kg mg/kg mg/kg ND 0.0250 S.20 0.0250 5.00 S.31 0.0250 5.00 S.31 0.0250 5.00 S.34 0.0250 5.00 S.34 0.0250 5.00 S.34 0.0250 5.00 S.34 0.0250 5.00 S.44 0.0250 5.00 S.44 0.0250 5.00 S.41 | L ABO- Coyote I Project Name: 21080-0001 Project Manager: Monica Peppin Volatile Organics by EPA 802 Result Reporting Spike Source Result mg/kg mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 S.00 S.00 S.20 0.0250 S.00 S.00 S.31 0.0250 S.00 S.00 S.33 0.0250 S.00 S.00 S.34 0.0250 S.00 ND S.34 0.0250 S.00 ND S.34 0.0250 S.00 ND S.34 0.0250 S.00 ND | Project Name: ABO- Coyote 12" Steel Li Project Number: 21080-0001 Project Manager: Monica Peppin Volatile Organics by EPA 8021B Result Reporting Spike Source mg/kg mg/kg mg/kg mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 106 S.20 0.0250 106 S.31 0.0250 106 S.33 0.0250 106 S.34 0.0250 106 S.34 0.0250 105 S.44 5.00 107 S.34 0.0250 5.00 107 S.43 0.0250 5.00 ND 107 S.44 0.0250 5.00 ND 107 S.34 0.0250 5.00 ND 106 S.48 8.00 ND 109 S.44 0.0250 | Project Name: Project Number: Project Manager: ABO- Coyote 12" Steel Line 21080-0001 Monica Peppin Volatile Organics by EPA 8021B Rec Rec Result Reporting Imit Spike Level Source Result Rec Rec ND 0.0250 mg/kg mg/kg % % ND 0.0250 ND 0.0250 Volatile Organics by EPA 8021B ND 0.0250 mg/kg mg/kg % % ND 0.0250 ng/kg mg/kg % % S20 0.0250 5.00 104 70-130 S.20 0.0250 5.00 106 70-130 S.31 0.0250 5.00 106 70-130 S.31 0.0250 5.00 106 70-130 S.48 8.00 106 70-130 S.48 8.00 106 70-130 S.31 0.0250 5.00 105 70-130 S.48 8.00 106 61-133 S.44 </td <td>Project Name: Project Number: ABO- Coyote 12" Steel Line 21080-0001 Project Manager: ABO- Coyote 12" Steel Line 21080-0001 Project Manager: Volatile Organics by EPA 8021B Volatile Organics by EPA 8021B Result mg/kg Reporting Limit Spike Level Source Result Rec % Rec % Rep % RPD % ND 0.0250 ND 0.0250 ND mg/kg mg/kg % % % % 8.47 8.00 106 70-130 Prepared: 1 5.15 0.0250 ND 5.00 104 70-130 5.15 0.0250 5.00 106 70-130 5.31 0.0250 5.00 106 70-130 5.33 0.0250 5.00 106 70-130 5.34 0.0250 5.00 106 70-130 8.48 8.00 106 70-130 Prepared: 1 5.34 0.0250 5.00 ND 107 54-133 5.44 0.0250 5.00 ND 109 61-133 5.44<td>Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Reputic Project Manager: Monica Peppin Volatile Organics by EPA 8021B Source Rec Rimits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % ND 0.0250 ng/kg mg/kg % % % % ND 0.0250 nd 106 70-130 Prepared: 10/24/22 A 8.47 8.00 106 70-130 Prepared: 10/24/22 A 5.10 0.0250 5.00 104 70-130 Prepared: 10/24/22 A 5.20 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.31 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.34 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.34 0.0250 5.00 ND 106 61-133 Prepared: 10/24/</td></td> | Project Name: Project Number: ABO- Coyote 12" Steel Line 21080-0001 Project Manager: ABO- Coyote 12" Steel Line 21080-0001 Project Manager: Volatile Organics by EPA 8021B Volatile Organics by EPA 8021B Result mg/kg Reporting Limit Spike Level Source Result Rec % Rec % Rep % RPD % ND 0.0250 ND 0.0250 ND mg/kg mg/kg % % % % 8.47 8.00 106 70-130 Prepared: 1 5.15 0.0250 ND 5.00 104 70-130 5.15 0.0250 5.00 106 70-130 5.31 0.0250 5.00 106 70-130 5.33 0.0250 5.00 106 70-130 5.34 0.0250 5.00 106 70-130 8.48 8.00 106 70-130 Prepared: 1 5.34 0.0250 5.00 ND 107 54-133 5.44 0.0250 5.00 ND 109 61-133 5.44 <td>Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Reputic Project Manager: Monica Peppin Volatile Organics by EPA 8021B Source Rec Rimits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % ND 0.0250 ng/kg mg/kg % % % % ND 0.0250 nd 106 70-130 Prepared: 10/24/22 A 8.47 8.00 106 70-130 Prepared: 10/24/22 A 5.10 0.0250 5.00 104 70-130 Prepared: 10/24/22 A 5.20 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.31 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.34 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.34 0.0250 5.00 ND 106 61-133 Prepared: 10/24/</td> | Project Name: ABO- Coyote 12" Steel Line Project Number: 21080-0001 Project Manager: Reputic Project Manager: Monica Peppin Volatile Organics by EPA 8021B Source Rec Rimits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % ND 0.0250 ng/kg mg/kg % % % % ND 0.0250 nd 106 70-130 Prepared: 10/24/22 A 8.47 8.00 106 70-130 Prepared: 10/24/22 A 5.10 0.0250 5.00 104 70-130 Prepared: 10/24/22 A 5.20 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.31 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.34 0.0250 5.00 106 70-130 Prepared: 10/24/22 A 5.34 0.0250 5.00 ND 106 61-133 Prepared: 10/24/ |



QC Summary Data

| | | <u><u><u>v</u></u><u>v</u><u>v</u></u> | | | | | | | |
|--|--------------|--|----------------|---------------------------|--------------|---------------|--------------|--------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | | BO- Coyote 1 1080-0001 | 2" Steel Li | ine | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | Μ | Ionica Peppin | | | | | 10/28/2022 2:50:38PM |
| | | Volatile O | | | Analyst: RKS | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2244016-BLK1) | | | | | | | Prepared: 1 | 0/24/22 | Analyzed: 10/25/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.26 | 0.0250 | 8.00 | | 103 | 70-130 | | | |
| LCS (2244016-BS1) | | | | | | | Prepared: 1 | 0/24/22 | Analyzed: 10/25/22 |
| Benzene | 5.75 | 0.0250 | 5.00 | | 115 | 70-130 | | | |
| Ethylbenzene | 4.52 | 0.0250 | 5.00 | | 90.4 | 70-130 | | | |
| Toluene | 4.86 | 0.0250 | 5.00 | | 97.2 | 70-130 | | | |
| o-Xylene | 4.61 | 0.0250 | 5.00 | | 92.3 | 70-130 | | | |
| p,m-Xylene | 9.15 | 0.0500 | 10.0 | | 91.5 | 70-130 | | | |
| Total Xylenes | 13.8 | 0.0250 | 15.0 | | 91.7 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.22 | | 8.00 | | 103 | 70-130 | | | |
| Matrix Spike (2244016-MS1) | | | | Source: | E210167- | 03 | Prepared: 1 | 0/24/22 | Analyzed: 10/25/22 |
| Benzene | 5.86 | 0.0250 | 5.00 | ND | 117 | 54-133 | | | |
| Ethylbenzene | 4.63 | 0.0250 | 5.00 | ND | 92.6 | 61-133 | | | |
| Toluene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 61-130 | | | |
| o-Xylene | 4.75 | 0.0250 | 5.00 | ND | 95.0 | 63-131 | | | |
| p,m-Xylene | 9.39 | 0.0500 | 10.0 | ND | 93.9 | 63-131 | | | |
| Total Xylenes | 14.1 | 0.0250 | 15.0 | ND | 94.2 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.50 | | 8.00 | | 106 | 70-130 | | | |
| Matrix Spike Dup (2244016-MSD1) | | | | Source: | E210167- | 03 | Prepared: 1 | 0/24/22 | Analyzed: 10/25/22 |
| Benzene | 5.42 | 0.0250 | 5.00 | ND | 108 | 54-133 | 7.76 | 20 | |
| Ethylbenzene | 4.29 | 0.0250 | 5.00 | ND | 85.8 | 61-133 | 7.61 | 20 | |
| Toluene | 4.60 | 0.0250 | 5.00 | ND | 91.9 | 61-130 | 7.67 | 20 | |
| | | 0.0250 | 5.00 | ND | 87.7 | 63-131 | 8.00 | 20 | |
| o-Xylene | 4.38 | 0.0230 | 5.00 | 1.05 | 07.7 | | | | |
| o-Xylene p,m-Xylene | 4.38 8.71 | 0.0230 | 10.0 | ND | 87.1 | 63-131 | 7.46 | 20 | |
| • | | | | | | | 7.46 7.64 | 20 20 | |



QC Summary Data

| | | QU D | u | iny Data | | | | | |
|--|--------|----------------------------------|----------------|---------------------------|-------------|---------------|-------------|--------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | | BO- Coyote 1 1080-0001 | 2" Steel Li | ne | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager | : N | Ionica Peppin | | | | | 10/28/2022 2:50:38PM |
| | Nor | nhalogenated (| Organics | by EPA 80 | 15D - GI | RO | | | Analyst: RKS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2244008-BLK1) | | | | | | | Prepared: 1 | 10/24/22 | Analyzed: 10/24/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.79 | | 8.00 | | 97.4 | 70-130 | | | |
| LCS (2244008-BS2) | | | | | | | Prepared: | 10/24/22 | Analyzed: 10/24/22 |
| Gasoline Range Organics (C6-C10) | 50.3 | 20.0 | 50.0 | | 101 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.81 | | 8.00 | | 97.6 | 70-130 | | | |
| Matrix Spike (2244008-MS2) | | | | Source: | E210163-0 | 01 | Prepared: | 10/24/22 | Analyzed: 10/24/22 |
| Gasoline Range Organics (C6-C10) | 47.3 | 20.0 | 50.0 | ND | 94.7 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.73 | | 8.00 | | 96.7 | 70-130 | | | |
| Matrix Spike Dup (2244008-MSD2) | | | | Source: | E210163-0 | 01 | Prepared: | 10/24/22 | Analyzed: 10/24/22 |
| Gasoline Range Organics (C6-C10) | 47.9 | 20.0 | 50.0 | ND | 95.8 | 70-130 | 1.24 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.78 | | 8.00 | | 97.2 | 70-130 | | | |



QC Summary Data

| | | $\mathbf{x} \mathbf{v} \mathbf{v}$ | | ary Date | • | | | | |
|--|--------|------------------------------------|----------------|----------------------------|-------------|---------------|-------------|--------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | | BO- Coyote 12 1080-0001 | 2" Steel Li | ine | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | Ν | Ionica Peppin | | | | | 10/28/2022 2:50:38PM |
| | Noi | nhalogenated O | rganics | by EPA 801 | 5D - G | RO | | | Analyst: RKS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2244016-BLK1) | | | | | | | Prepared: 1 | 0/24/22 A | Analyzed: 10/25/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.77 | | 8.00 | | 84.6 | 70-130 | | | |
| LCS (2244016-BS2) | | | | | | | Prepared: 1 | 0/24/22 A | Analyzed: 10/25/22 |
| Gasoline Range Organics (C6-C10) | 43.8 | 20.0 | 50.0 | | 87.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.73 | | 8.00 | | 84.1 | 70-130 | | | |
| Matrix Spike (2244016-MS2) | | | | Source: l | E210167- | 03 | Prepared: 1 | 0/24/22 A | Analyzed: 10/25/22 |
| Gasoline Range Organics (C6-C10) | 46.6 | 20.0 | 50.0 | ND | 93.2 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.66 | | 8.00 | | 83.2 | 70-130 | | | |
| Matrix Spike Dup (2244016-MSD2) | | | | Source: l | E210167- | 03 | Prepared: 1 | 0/24/22 A | Analyzed: 10/25/22 |
| Gasoline Range Organics (C6-C10) | 44.7 | 20.0 | 50.0 | ND | 89.4 | 70-130 | 4.22 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.45 | | 8.00 | | 80.6 | 70-130 | | | |



QC Summary Data

| | | QC D | | ary Data | | | | | |
|--|-----------------|--|-------------------------|---|-------------------|--------------------|-----------|-------------------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | ABO- Coyote 12 21080-0001 Monica Peppin | " Steel L | ine | | | Reported: 10/28/2022 2:50:38PM |
| | Nonh | alogenated Org | anics by | y EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2244018-BLK1) | | | | | | | Prepared: | 10/24/22 | Analyzed: 10/25/22 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 48.3 | | 50.0 | | 96.5 | 50-200 | | | |
| LCS (2244018-BS1) | | | | | | | Prepared: | 10/24/22 | Analyzed: 10/25/22 |
| Diesel Range Organics (C10-C28) | 254 | 25.0 | 250 | | 101 | 38-132 | | | |
| Surrogate: n-Nonane | 53.3 | | 50.0 | | 107 | 50-200 | | | |
| Matrix Spike (2244018-MS1) | | | | Source: I | E 210166 - | 02 | Prepared: | 10/24/22 | Analyzed: 10/25/22 |
| Diesel Range Organics (C10-C28) | 254 | 25.0 | 250 | ND | 101 | 38-132 | | | |
| Surrogate: n-Nonane | 42.0 | | 50.0 | | 83.9 | 50-200 | | | |
| Matrix Spike Dup (2244018-MSD1) | | | | Source: I | E210166- | 02 | Prepared: | 10/24/22 | Analyzed: 10/25/22 |
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | ND | 102 | 38-132 | 0.896 | 20 | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 50-200 | | | |



QC Summary Data

| | | $\mathbf{v} \in \mathcal{S}$ | | ary Data | • | | | | |
|--|-----------------|--|-------------------------|--|-------------|--------------------|-----------|-------------------|--|
| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | ABO- Coyote 12 1080-0001 Aonica Peppin | 2" Steel Li | ine | | | Reported: 10/28/2022 2:50:38PM |
| | Nonh | alogenated Org | anics by | EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2244019-BLK1) | | | | | | | Prepared: | 10/24/22 | Analyzed: 10/27/22 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 47.4 | | 50.0 | | 94.8 | 50-200 | | | |
| LCS (2244019-BS1) | | | | | | | Prepared: | 10/24/22 | Analyzed: 10/27/22 |
| Diesel Range Organics (C10-C28) | 255 | 25.0 | 250 | | 102 | 38-132 | | | |
| Surrogate: n-Nonane | 49.2 | | 50.0 | | 98.5 | 50-200 | | | |
| Matrix Spike (2244019-MS1) | | | | Source: | E210167- | 03 | Prepared: | 10/24/22 | Analyzed: 10/27/22 |
| Diesel Range Organics (C10-C28) | 258 | 25.0 | 250 | ND | 103 | 38-132 | | | |
| Surrogate: n-Nonane | 43.3 | | 50.0 | | 86.5 | 50-200 | | | |
| Matrix Spike Dup (2244019-MSD1) | | | | Source: | E210167- | 03 | Prepared: | 10/24/22 | Analyzed: 10/27/22 |
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | ND | 94.9 | 38-132 | 8.43 | 20 | |
| Surrogate: n-Nonane | 47.2 | | 50.0 | | 94.3 | 50-200 | | | |



QC Summary Data

| Vertex Resource Services Inc. 3101 Boyd Drive Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager | - | ABO- Coyote 1 21080-0001 Monica Peppin | 2" Steel L | ine | | | Reported: 10/28/2022 2:50:38PM |
|--|--------|---|----------------|--|------------|---------------|--------------|--------------|--|
| | | Anions | by EPA | 300.0/9056A | \ | | | | Analyst: KL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2244017-BLK1) | | | | | | | Prepared: 10 | 0/24/22 | Analyzed: 10/26/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2244017-BS1) | | | | | | | Prepared: 10 | 0/24/22 | Analyzed: 10/26/22 |
| Chloride | 269 | 20.0 | 250 | | 108 | 90-110 | | | |
| LCS Dup (2244017-BSD1) | | | | | | | Prepared: 10 | 0/24/22 | Analyzed: 10/26/22 |
| Chloride | 249 | 20.0 | 250 | | 99.4 | 90-110 | 7.96 | 20 | |



QC Summary Data

| | | | | v | | | | | |
|--|--------|----------------------------------|----------------|-----------------------------|------------|---------------|--------------|--------------|----------------------|
| Vertex Resource Services Inc. 3101 Boyd Drive | | Project Name: Project Number: | | ABO- Coyote 1 21080-0001 | 2" Steel L | ine | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager | | Monica Peppin | | | | | 10/28/2022 2:50:38PM |
| Culloud 1, 00220 | | | | 300.0/9056 | ۸ | | | | Analyst: KL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2244020-BLK1) | | | | | | | Prepared: 10 | 0/25/22 | Analyzed: 10/26/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2244020-BS1) | | | | | | | Prepared: 10 | 0/25/22 | Analyzed: 10/26/22 |
| Chloride | 247 | 20.0 | 250 | | 99.0 | 90-110 | | | |
| LCS Dup (2244020-BSD1) | | | | | | | Prepared: 10 | 0/25/22 | Analyzed: 10/26/22 |
| Chloride | 248 | 20.0 | 250 | | 99.0 | 90-110 | 0.0659 | 20 | |
| | | | | | | | | | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Vertex Resource Services Inc. | Project Name: | ABO- Coyote 12" Steel Line | |
|-------------------------------|------------------|----------------------------|----------------|
| 3101 Boyd Drive | Project Number: | 21080-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Monica Peppin | 10/28/22 14:50 |

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| client: Vertex (Duray | nyo direct | 6:11) | | RUSH? | L | ab Use Only | | _ | An | alysis | and Method | 1 | lab Only |
|---|---------------------|---------------|---|---------------------------|---|-------------------|-------------|--------------|--------------|----------|------------------------------|---------------------|--|
| Project: ABO- Coyote | 12" Steel lin | ne | | 1d | 1- | Lab WO# | | | | | | | N/X |
| Sampler: M. Wier | | | | 3d | | 210167 | | | | | | | v (s) |
| Phone: 575-361-9880 | | | | | | ob Number | by 8015 | | 1 | 300.0 | | | /Prsr |
| Email(s): Meppin @ Vertex. Project Manager: M. K. pepp | Ca | | | Dee | | 1000-081 | - Ad C | BTEX by 8021 | TPH by 418.1 | No No | | | Lab Number Correct Cont/Prsrv (s) Y/N |
| | in | 1 | Sample | Pag | | <u>s</u> | GRO/DRO | X by | by 4 | Chloride | | | La rect (|
| Sample ID | | Sample Di | ate Time | Matrix | QTY - Vol/ | TYPE/Preservative | GRC | BTE | HdT | Chlo | | | Cor |
| BS22-07 | 2, | 10-19- | 22 09:30 | Soil | 1 401 | Jar | K | x | X | x | | | 1 |
| B522-13 | 2' | 10-19- | 22 09:40 | | |] | 1 | 4 | 4 | 1 | | | 2 |
| WS22-03 | 4-8 | | 09:50 | | | | | | | | | | 3 |
| WS22-13 | 0-41 | | 10:00 | | | | | | | | _ | L | + |
| 1850-WS22-36 | 0-2' | | 10:10 | | | | | | | | | 5 | õ |
| B522-42 | 2.5' | | 11:15 | | | _ | | | | | | (| 0 |
| B522-43 | 2.5' | | 12:15 | | | | | | | | | 1 | 7 |
| B322-60 | 0.5' | | 10:20 | | | | | | | | | 8 | 8 |
| BS22-61 | 0.5' | | 10:30 | | | | | | | | | C | 7 |
| B522-62 | 0.5' | | 10:40 | | J | | 1 | 1 | 1 | 1 | - | L | 0 |
| Relinquished by: (Signature) | Date Time | Rece | ived by: (Signa | type) | 10 Date 2 | Time H3.UU *: | Recei | ved | on lo | La | b Use Only / N | | |
| Relinduished by: (Signature) | Date | Car | ived by: (Signa | tite) | 10/24/22 | are T: | l VG Ter | - | | T2 | | Т3 | _ |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, | | | | | 1.4.1.1.1.1 | Container Type: | 7 | | | | tic, <mark>ag</mark> - ambei | glass, v - V | OA |
| **Samples requiring thermal preservation mu Sample(s) dropped off after hours to a s | | they are samp | | acked in ice f Custody | | | C on sul | oseque | ent dav | ys. | | | |
| sample(s) gropped off after hours to a s | ecure drop on area. | | Criain O | custouy | in the start st | | | | | | | | |
| Benviro | tech | | 635 Highway 64, Farm ee Springs + 65 Mercado | | Burney (0.31)at | Ph (505) 632 | | | | | | | ech inc.com |
| Analytical | Laboratory | The | 0.000000000000000 | e 41 of 44 | and a state of the | Ph (970) 259 | 0015 FF () | 500) 362- | -18/9 | | | laboratory envirote | ech-inc.com |

Page 373 of 377

Received by OCD: 11/8/2022 8:32:26 AM

| Client: Vertex (Durar | no direct b | 211: | | RUSH? | L | ab Use Only | | | An | alysis | and Method | 1 | lab | Only |
|--|----------------------|-------------------|-------------------|------------|------------------------------|--------------------------------|--------------------------|--------------|--------------|-------------|-----------------|-------------------|------------|----------------------------|
| Project: Abo- (ayote | D" Steel 1 | ine | | 1d | | Lab WO# | | | | | | | | N/ |
| Sampler: M. Wier | 10 | | | 3d | PEZ | 210107 | | | | | | | | (s) |
| Phone: 575-361-9880 | | | | | J | ob Number | 015 | | | 0.0 | | | Lab Number | rsrv |
| Email(s): M Pepain @ V/A | ter Ca | | | | 210 | 80-0001 | V 8(| 21 | 1. | 300.0 | | | Nun | nt/P |
| Email(s): M. Peppin @ Ver Project Manager: M. Peppi | n n | | | Pag | | 3 | 108 | V 80 | 418 | e by | | | Lab | t Col |
| Sample ID | | Sample Date | Sample Time | Matrix | and the second second second | ontainers TYPE/Preservative | GRO/DRO by 8015 | BTEX by 8021 | TPH by 418.1 | Chloride by | | | | Correct Cont/Prsrv (s) Y/N |
| Bs22-63 | 0.5' | 10-19-22 | 10:50 | 50:1 | 1 40; | z Jar | X | X | x | X | | | 11 | |
| BS22-64 | 0.5' | | 11:00 | 1 | | 1 | 1 | 1 | 1 | 1 | | | 12 | |
| BS22-65 | 0.5' | | 11:20 | | | | | | | | | | 13 | |
| BS22-66 | 0.5' | | 11:30 | | 4 | | | | | | | | 14 | |
| BS22-67 | 0.5' | | 11:40 | | | | | | | | | | 15 | |
| BS22-68 | 0.5 | | 11:50 | | | | | | | | | | 16 | |
| BS22-69 | 0.5' | | 12:00 | | | | | | | | | | 17 | |
| B522-70 | 0.51 | | 12:10 | | | | | | | | | | 18 | |
| B522-71 | 0.5' | | 12:20 | | | | | | | | | | 19 | |
| BS22-72 | 0.5' | Im | 12:30 | L | 1 | L | 1 | | | | | | 20 | |
| Relinguished by: (Signature) | Date Time | Received | høy: (Signat | ture) | Date | + 3. M | **Rece | ived | on lo | - | b Use Only N | | | |
| Relinquished by: (Signature) | | Carl | the (Signal | ht | 10/24/22 | no | T1 AVG Te | - mp ° | c 4 | T2_ | _ | Т3_ | - | - |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, | | | | | | Container Type | | _ | | _ | tic, ag - amb | er glass, v - | VOA | |
| **Samples requiring thermal preservation mu | | hey are sampled o | | | | | 6 °C on su | ubsequ | ent da | ys. | | | | |
| Sample(s) dropped off after hours to a s | ecure drop off area. | | Chain of | Custody | / Notes/Billi | ing info: | | | | | | | | |
| Benviro | tech | | iqhway 64, Farmir | - | Duranijo, (1) 81301 | | 32-0615 Fx 59-0615 Fr | | | | | the second second | virotech ü | |
| Analytical | Laboratory | Three yph | | e 42 of 44 | | 840 (970) Z | 14.0012 11 | 10001 167 | -10/9 | | | lationatory in | maneta (| ic tour |

.

Page 374 of 377

Received by OCD: 11/8/2022 8:32:26 AM

| ango direct | 6:11) | | RUSH? | | Lab Use Only | | | Ana | lysis an | d Method | lab | Onl |
|---|---|--|---|---|---|---|--|--|---|---|--|----------------------------|
| 1)"Steel line | 0 | | 1d 3d | VE. | Lab WO# 210167 | | | | | | | 1-1 VINI |
| Sampler: M. Wier Phone: 575-361-9880 | | | | | Job Number | | | | 0.0 | | mbei | Dren |
| rtex, Ca | | | Bag | | | o by 8 | 8021 | 18.1 | by 30 | | ab Nu | Contl |
| | Sample Date | Sample Time | Matrix | (| Containers | GRO/DR | BTEX by | TPH by 4 | Chloride | | | Correct Cont/Brees (c) V/N |
| 0.5' | 10-19-2; | 12:40 | Soil | 1 1 | loz Jar | X | x | x | x | | 21 | |
| 0.5' | | 12:50 | 1 | | 1 | 1 | 1 | 1 | 1 | | 22 | |
| 0-0.5' | | 13:00 | | | | | | | 1 | | 23 | |
| 0-0.5 ' | | 13:10 | | | | | | | | | 24 | |
| 0-0.5' | | 13:20 | | | | | | | | | 25 | |
| 0-0.5' | | 13:30 | 1 | | | 1 | 1 | 1 | 1 | | 26 | |
| | | | | | | | | | | | | |
| | | | | | | _ | | | _ | | | |
| Date Time | Received | by: (Signat | | Date 1))))]?] | Time 30) | **Recei | ved | on lc | | | | |
| Date Time | Received | by: pignat | | 10/04/22 | 9:55 | T1 AVG Ter | - mp° | c_4 | T2 | - | Т3 | |
| | | - resilved as | akad in iso a | t an aug tama | | | _ | _ | | ag - amber g | glass, v - VOA | |
| | iey are sampled o | | | | | io consu | oseque | ant day | 3. | | | - |
| tech | | | | | | | | | | - | | mt.(a |
| | 80 $r \pm ex$, Ca $p.n$ 0.5^{1} 0.5^{1} 0.5^{1} 0.5^{1} $0-0.5^{1}$ 0.5^{1} 0.5^{1} 0.5^{1} 0.5^{1} 0.5^{1} 0.5^{1} 0.5^{1} 0.5^{1} <td>rtex, Ca p.n 0.51</td> <td>80 rtex, Ca p.n Sample Date Sample Time 0.5¹ 10-19-22 12:40 0.5¹ 10-19-22 12:40 0.5¹ 10-19-22 12:40 0.5¹ 12:50 12:50 0-0.5¹ 13:00 0-0.5¹ 13:20 0-0.5¹ 13:20 0-0.5¹ 13:20 0-0.5¹ 13:20 13:20 13:20 Date Time Received by: (Signate the date the date</td> <td>80 rtex, Ca p.m Page 0.5¹ 0.0.5¹ 0.0.5¹ 13:30 0.0.5¹ 13:30 0.0.5¹ 13:30 0.0.0.5¹ 13:30 0.0.0.5¹ 13:30 0.0.0.5¹ 13:30 0.0.0.5¹ 13:30 0.0.0.5¹ 0.0.0.5¹ 13:30 0.0.0.5¹ 0.0.0.5¹ 0.0.0.5¹ <!--</td--><td>80 210 rt.ey. Ca 210 p.m Page 3 of 0 Sample Date Sample Time Matrix QTY-Vol 0.51 10-19-2 12:40 0.51 10-19-2 12:40 0.51 12:50 1 0.51 12:50 1 0-0.51 13:50 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 10.00 10.00 0-0.51 10.00 1 0-0.51 10.00 1 0-0.51 10.00 1 0.00 10.00 1 0.00 10.00 1 <</td><td>80 Job Number 74.24, Ca Page 3 of 3 p.n Page 3 of 3 0.51 10-19-2; 12:40 50;1 1 4 oz Jor 0.55 12:50 1 10-0 2 Jor Jor 0-0.51 13:20 1 10-0 Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-10.51 13:30 1 Jor Jor Jor Jor 0-10.51 10 Jor <</td><td>80 Jad Jad Jac Job Number 71.05 Normber 21080-0001 Jab <</td><td>80 Job Number Job Number 10b Number Job Number Job Number 0.5' ID-19-21 12:40 Soil I Hozz Jar K 0.0.5' ID-19-21 12:40 Soil I Hozz Jar K 0.0.5' ID-19-21 12:50 ID-10 ID-10 ID-10 0.0.5' ID-19-21 13:30 ID-10 ID-10 ID-10 ID-10 Date Time r HozeNet Muther ID-10 ID-10 ID-10 ID-10<</td><td>80 3d P 22 1010 P rt_ext, Ca Page 3 of 3 go 3<</td><td>80 Job Number Job Number 100 Number 21080 - 0001 90 000 000 90 000 000 90 000 000 90 000 000 p.m Page 3 of 3 9 of 3 90 000 000 90 000 000 90 00000 90 0000 90 00</td><td>80 9 C2 Job Number 900 (0) 100</td><td>80 </td></td> | rtex, Ca p.n 0.51 | 80 rtex, Ca p.n Sample Date Sample Time 0.5 ¹ 10-19-22 12:40 0.5 ¹ 10-19-22 12:40 0.5 ¹ 10-19-22 12:40 0.5 ¹ 12:50 12:50 0-0.5 ¹ 13:00 0-0.5 ¹ 13:20 0-0.5 ¹ 13:20 0-0.5 ¹ 13:20 0-0.5 ¹ 13:20 13:20 13:20 Date Time Received by: (Signate the date | 80 rtex, Ca p.m Page 0.5 ¹ 0.0.5 ¹ 0.0.5 ¹ 13:30 0.0.5 ¹ 13:30 0.0.5 ¹ 13:30 0.0.0.5 ¹ 0.0.0.5 ¹ 13:30 0.0.0.5 ¹ 0.0.0.5 ¹ 0.0.0.5 ¹ </td <td>80 210 rt.ey. Ca 210 p.m Page 3 of 0 Sample Date Sample Time Matrix QTY-Vol 0.51 10-19-2 12:40 0.51 10-19-2 12:40 0.51 12:50 1 0.51 12:50 1 0-0.51 13:50 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 10.00 10.00 0-0.51 10.00 1 0-0.51 10.00 1 0-0.51 10.00 1 0.00 10.00 1 0.00 10.00 1 <</td> <td>80 Job Number 74.24, Ca Page 3 of 3 p.n Page 3 of 3 0.51 10-19-2; 12:40 50;1 1 4 oz Jor 0.55 12:50 1 10-0 2 Jor Jor 0-0.51 13:20 1 10-0 Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-10.51 13:30 1 Jor Jor Jor Jor 0-10.51 10 Jor <</td> <td>80 Jad Jad Jac Job Number 71.05 Normber 21080-0001 Jab <</td> <td>80 Job Number Job Number 10b Number Job Number Job Number 0.5' ID-19-21 12:40 Soil I Hozz Jar K 0.0.5' ID-19-21 12:40 Soil I Hozz Jar K 0.0.5' ID-19-21 12:50 ID-10 ID-10 ID-10 0.0.5' ID-19-21 13:30 ID-10 ID-10 ID-10 ID-10 Date Time r HozeNet Muther ID-10 ID-10 ID-10 ID-10<</td> <td>80 3d P 22 1010 P rt_ext, Ca Page 3 of 3 go 3<</td> <td>80 Job Number Job Number 100 Number 21080 - 0001 90 000 000 90 000 000 90 000 000 90 000 000 p.m Page 3 of 3 9 of 3 90 000 000 90 000 000 90 00000 90 0000 90 00</td> <td>80 9 C2 Job Number 900 (0) 100</td> <td>80 </td> | 80 210 rt.ey. Ca 210 p.m Page 3 of 0 Sample Date Sample Time Matrix QTY-Vol 0.51 10-19-2 12:40 0.51 10-19-2 12:40 0.51 12:50 1 0.51 12:50 1 0-0.51 13:50 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 13:30 1 0-0.51 10.00 10.00 0-0.51 10.00 1 0-0.51 10.00 1 0-0.51 10.00 1 0.00 10.00 1 0.00 10.00 1 < | 80 Job Number 74.24, Ca Page 3 of 3 p.n Page 3 of 3 0.51 10-19-2; 12:40 50;1 1 4 oz Jor 0.55 12:50 1 10-0 2 Jor Jor 0-0.51 13:20 1 10-0 Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-0.51 13:30 1 Jor Jor Jor Jor 0-10.51 13:30 1 Jor Jor Jor Jor 0-10.51 10 Jor < | 80 Jad Jad Jac Job Number 71.05 Normber 21080-0001 Jab < | 80 Job Number Job Number 10b Number Job Number Job Number 0.5' ID-19-21 12:40 Soil I Hozz Jar K 0.0.5' ID-19-21 12:40 Soil I Hozz Jar K 0.0.5' ID-19-21 12:50 ID-10 ID-10 ID-10 0.0.5' ID-19-21 13:30 ID-10 ID-10 ID-10 ID-10 Date Time r HozeNet Muther ID-10 ID-10 ID-10 ID-10< | 80 3d P 22 1010 P rt_ext, Ca Page 3 of 3 go 3< | 80 Job Number Job Number 100 Number 21080 - 0001 90 000 000 90 000 000 90 000 000 90 000 000 p.m Page 3 of 3 9 of 3 90 000 000 90 000 000 90 00000 90 0000 90 00 | 80 9 C2 Job Number 900 (0) 100 | 80 |

Page 375 of 377

Received by OCD: 11/8/2022 8:32:26 AM

Envirotech Analytical Laboratory

| tructions: Please take note of any NO checkmarks. | Sample | Receipt | Checklist (SRC) | | |
|--|----------------|-------------|-----------------------------|----------------|----------------|
| re receive no response concerning these items within 24 hours of the dat | e of this noti | ce, all the | samples will be analyzed as | requested. | |
| Client: Vertex Resource Services Inc. Date | Received: | 10/24/22 | 09:55 | Work Order ID: | E210167 |
| Phone: (575) 748-0176 Date | Logged In: | 10/24/22 | 10:38 | Logged In By: | Alexa Michaels |
| Email: mpeppin@vertex.ca Due I | Date: | 10/28/22 | 2 17:00 (4 day TAT) | | |
| Chain of Custody (COC) | | | | | |
| . Does the sample ID match the COC? | | Yes | | | |
| 2. Does the number of samples per sampling site location match the | e COC | Yes | | | |
| 3. Were samples dropped off by client or carrier? | | Yes | Carrier: UPS | | |
| 4. Was the COC complete, i.e., signatures, dates/times, requested ar | alyses? | Yes | | | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the fit | eld, | Yes | | Commen | ts/Resolution |
| i.e, 15 minute hold time, are not included in this disucssion. | | | | <u>commen</u> | 13/ McSolution |
| Sample Turn Around Time (TAT) | | V | | | |
| 5. Did the COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| Sample Cooler | | V | | | |
| 7. Was a sample cooler received? | | Yes | | | |
| B. If yes, was cooler received in good condition? | | Yes | | | |
| D. Was the sample(s) received intact, i.e., not broken? | | Yes | | | |
| 0. Were custody/security seals present? | | No | | | |
| 1. If yes, were custody/security seals intact? | | NA | | | |
| 2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6° Note: Thermal preservation is not required, if samples are receive minutes of sampling 3. If no visible ice, record the temperature. Actual sample temperature. | ved w/i 15 | Yes | | | |
| Sample Container | | - | | | |
| 14. Are aqueous VOC samples present? | | No | | | |
| 15. Are VOC samples collected in VOA Vials? | | NA | | | |
| 6. Is the head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| 7. Was a trip blank (TB) included for VOC analyses? | | NA | | | |
| 8. Are non-VOC samples collected in the correct containers? | | Yes | | | |
| 9. Is the appropriate volume/weight or number of sample containers co | llected? | Yes | | | |
| Field Label | | | | | |
| 20. Were field sample labels filled out with the minimum information | on: | | | | |
| Sample ID? | | Yes | | | |
| Date/Time Collected? | | Yes | L | | |
| Collectors name? | | Yes | | | |
| Sample Preservation | . 10 | | | | |
| 21. Does the COC or field labels indicate the samples were preserve | ea? | No | | | |
| 22. Are sample(s) correctly preserved? | , | NA N- | | | |
| 24. Is lab filteration required and/or requested for dissolved metals? | | No | | | |
| <u>Multiphase Sample Matrix</u> | | | | | |
| 26. Does the sample have more than one phase, i.e., multiphase? | | No | | | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | | NA | | | |
| Subcontract Laboratory | | | | | |
| 28. Are samples required to get sent to a subcontract laboratory? | | No | | | |
| 29. Was a subcontract laboratory specified by the client and if so whether the second se | ho? | NA | Subcontract Lab: NA | | |
| <u>Client Instruction</u> | | | | | |



Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

| Operator: | OGRID: |
|------------------------------|---|
| FRONTIER FIELD SERVICES, LLC | 221115 |
| 10077 Grogans Mill Rd. | Action Number: |
| The Woodlands, TX 77380 | 156971 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|-------------------|
| rhamlet | We have received your closure report and final C-141 for Incident #NAPP2222822822 ABO PLANT TO COYOTE 12" STEEL LINE RECEIVER, thank you. This closure is approved. | 1/25/2023 |

Action 156971