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. |
|--|--|
| \square A scaled site and sampling diagram as described in 19.15.29. | 11 NMAC |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) | s of the liner integrity if applicable (Note: appropriate OCD District office |
| Laboratory analyses of final sampling (Note: appropriate OD | C District office must be notified 2 days prior to final sampling) |
| Description of remediation activities | |
| | |
| and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in |
| email: Adrian.baker@exxonmobil.com | Telephone: 432-236-3808 |
| | |
| OCD Only | |
| Received by: <u>Robert Hamlet</u> | Date:6/14/2022 |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations. |
| Closure Approved by: | Date: 6/14/2022 |
| Printed Name: <u>Robert Hamlet</u> | Title: Environmental Specialist - Advanced |

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 | NAPP2205254615 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party XTO Energy | OGRID 5380 | |
|--|--------------------------------|--|
| Contact Name Adrian Baker | Contact Telephone 432-236-3808 | |
| Contact email adrian.baker@exxonmobil.com | Incident # (assigned by OCD) | |
| Contact mailing address 6401 Holiday Hill Rd Bldg 5, Midland, Texas, 79707 | | |

Location of Release Source

Latitude 32.16790

| Site Name Pierce Canyon 32 | Site Type Tank Battery |
|------------------------------------|------------------------|
| Date Release Discovered 02/09/2022 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| Р | 32 | 24S | 30E | Eddy |

Surface Owner: 🗷 State 🗌 Federal 🗌 Tribal 🗌 Private (Name: _____

Nature and Volume of Release

| Materia | (s) Released (Select all that apply and attach calculations or specific | justification for the volumes provided below) |
|--|--|--|
| ▼ Crude Oil | Volume Released (bbls) 0.20 | Volume Recovered (bbls) 0.00 |
| Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of total dissolved solids (TDS) 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 Freezin ground. | g weather caused the flare scrubber to load and send flu A third-party contractor has been retained for remedia | uids out the flare, which ignited and extinguished on the tion purposes. |

| 0 | |
|----------------------------|---|
| Was this a major | If YES, for what reason(s) does the responsible party consider this a major release? |
| release as defined by | A release that results in a fire or is the result of a fire. |
| 19.15.29.7(A) NMAC? | |
| | |
| 🗶 Yes 🗌 No | |
| | |
| | |
| | |
| If YES, was immediate no | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| Yes, by Garrett Green to N | Mike Bratcher; Victoria Venegas; Rob Hamlet on Wednesday, February 9, 2022 3:28 PM via email. |
| | |

Initial Response

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

The source of the release has been stopped.

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

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

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

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

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

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

| Printed Name: Adrian Baker Signature: | Title: SSHE Coordinator Date: 2/22/2022 Telephone: 432-236-3808 |
|---------------------------------------|---|
| OCD Only Received by: Ramona Marcus | Date: 2/23/2022 |

Page 2

NA

NAPP2205254615

| Location: | Pierce Canyon 32 Tank Battery | | |
|------------------------|----------------------------------|---------|---------|
| Spill Date: | 2/9/2022 | | |
| | Area 1 | | |
| Approximate A | rea = | 3600.00 | sq. ft. |
| Average Satura | tion (or depth) of spill = | 0.13 | inches |
| | | | |
| Average Porosi | ty Factor = | 0.03 | |
| | | | |
| | VOLUME OF LEAK | | |
| Total Crude Oil | = | 0.20 | bbls |
| Total Produced | Total Produced Water = 0.00 bbls | | bbls |
| TOTAL VOLUME OF LEAK | | | |
| Total Crude Oil | Total Crude Oil = 0.20 bbls | | |
| Total Produced | Total Produced Water = 0.00 bbl | | bbls |
| TOTAL VOLUME RECOVERED | | | |
| Total Crude Oil | = | 0.00 | bbls |
| Total Produced | otal Produced Water = 0.00 bbls | | |

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: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 83466 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |
| CONDITIONS | |

CONDITIONS

| Created By | | Condition Date |
|------------|------|-------------------|
| rmarcus | None | 2/23/2022 |

Page 540f 52

Action 83466

Oil Conservation Division

| | Page 6 of 5 |
|----------------|----------------|
| Incident ID | NAPP2205254615 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

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

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

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

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

Page 3

- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

| Received by OCD: 5/10/20 | 22 8:42:41 AM State of New Mexico | | | Page 7 of 52 |
|--|--------------------------------------|--|--|---|
| | | | Incident ID | NAPP2205254615 |
| Page 4 | Oil Conservation Division | | District RP | |
| | | | Facility ID | |
| | | | Application ID | |
| regulations all operators are public health or the environ failed to adequately investig | ion Bakes | ifications and perform co DCD does not relieve the eat to groundwater, surfa responsibility for compl | prrective actions for rele e operator of liability sho ce water, human health liance with any other feo nental Coordinator | ases which may endanger ould their operations have or the environment. In |
| OCD Only Received by: | | Date: | | |

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 | itams must be included in the closure report | | | | | | | |
|--|---|--|--|--|--|--|--|--|
| Closure Report Attachment Checknst: Each of the following | uems musi de incluueu în îne closure report. | | | | | | | |
| \square A scaled site and sampling diagram as described in 19.15.29. | 11 NMAC | | | | | | | |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District offic must be notified 2 days prior to liner inspection) | | | | | | | | |
| Laboratory analyses of final sampling (Note: appropriate OD | C District office must be notified 2 days prior to final sampling) | | | | | | | |
| Description of remediation activities | | | | | | | | |
| | | | | | | | | |
| and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regul restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the Printed Name: Adrian Baker Signature: | lations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. Title: Environmental Coordinator Date: 05/10/2022 | | | | | | | |
| email: Adrian.baker@exxonmobil.com | Telephone: <u>432-236-3808</u> | | | | | | | |
| | | | | | | | | |
| OCD Only | | | | | | | | |
| Received by: | Date: | | | | | | | |
| | y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible l/or regulations. | | | | | | | |
| Closure Approved by: | Date: | | | | | | | |
| Printed Name: | Title: | | | | | | | |
| | | | | | | | | |



May 10, 2022

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

Re: Closure Request Pierce Canyon 32 Tank Battery Incident Number NAPP2205254615 Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum) on behalf of XTO Energy, Inc. (XTO), has prepared this Closure Request to document site assessment and soil sampling activities performed at the Pierce Canyon 32 Tank Battery (Site). The purpose of the site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil resulting from a small crude oil flare fire at the Site. Based on the site assessment activities and analytical results from the soil sampling event, XTO is submitting this Closure Request for Incident Number NAPP2205254615.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in in Unit P, Section 32, Township 24 South, Range 30 East, in Eddy County, New Mexico (32.16790° N, 103.89590°W) and is associated with oil and gas exploration and production operations on New Mexico State Land.

On February 9, 2022, freezing weather caused the flare scrubber to load and send approximately 0.20 barrels (bbls) of crude oil out of the flare, which ignited and extinguished on the ground. There were no fluids to recover. XTO reported the release via email to the New Mexico Oil Conservation Division (NMOCD) on February 9, 2022 and submitted a Release Notification Form C-141 (Form C-141) on February 22, 2022. The release was assigned Incident Number NAPP2205254615.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer well C-4474, located approximately 1.3 miles northeast of the Site. The groundwater well has a reported depth to groundwater greater than 110 feet bgs and a total depth of 100 feet bgs. Ground surface elevation at the groundwater well location is

Pierce Canyon 32 Tank Battery

ENSOLUM

3,308 feet above mean sea level (amsl), which is approximately 45 feet higher in elevation than the Site. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 835 feet south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On April 22, 2022 and May 2, 2022, site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Six preliminary assessment soil samples (SS01 through SS06) were collected within and around the release extent from a depth of 0.5 feet bgs, to assess for the presence or absence of impacted soil. The preliminary soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride Hach[®] chloride QuanTab[®] test strips. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix B.

Field screening results indicated no impacts to soil; however, surficial staining from the fire was scraped and removed from the Site. Following the preliminary soil sampling and scraping, additional delineation activities were conducted to confirm the absence of impacted soil. Potholes were advanced via track mounted backhoe within the release extent at the locations of preliminary soil samples SS05 and SS06. The potholes were advanced to a depth of 1 foot bgs. Discrete delineation soil samples SS05A and SS06A were collected from the potholes at a depth 1 foot bgs. Soil from the potholes was field screened for VOCs and chloride utilizing a calibrated PID and Hach[®] chloride QuanTab[®] test strips, respectively. Field screening results and observations for the potholes were logged on lithologic/soil sampling logs, which are included in Appendix C. The delineation soil sample locations are depicted on Figure 2.

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

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS06 and delineation soil samples SS05A and SS06A indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria and provided lateral and vertical delineation to below the most stringent Table 1 Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the February 9, 2022 crude oil flare fire. Laboratory analytical results for the soil samples collected within and around the release extent, indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria and provided lateral and vertical delineation to below the most stringent Table 1 Closure Criteria. XTO removed the surficial staining from the fire and based on the soil sample analytical results, no further remediation was required. XTO respectfully requests closure for Incident Number NAPP2205254615.

If you have any questions or comments, please contact Ms. Aimee Cole at (720) 384-7365 or acole@ensolum.com.

Sincerely, Ensolum, LLC

Kelly Lowery, GIT Staff Geologist

cc: Adrian Baker, XTO Bureau of Land Management

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Photographic Log
- Appendix C Lithologic Soil Sampling Logs
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Notifications

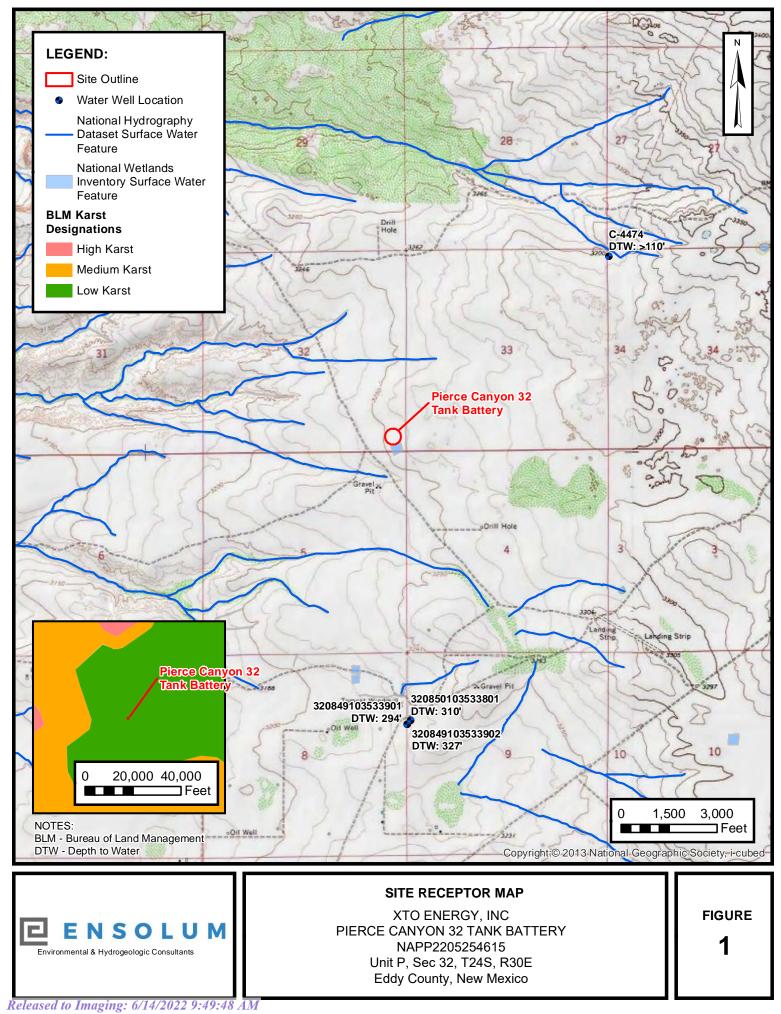
i. Cole

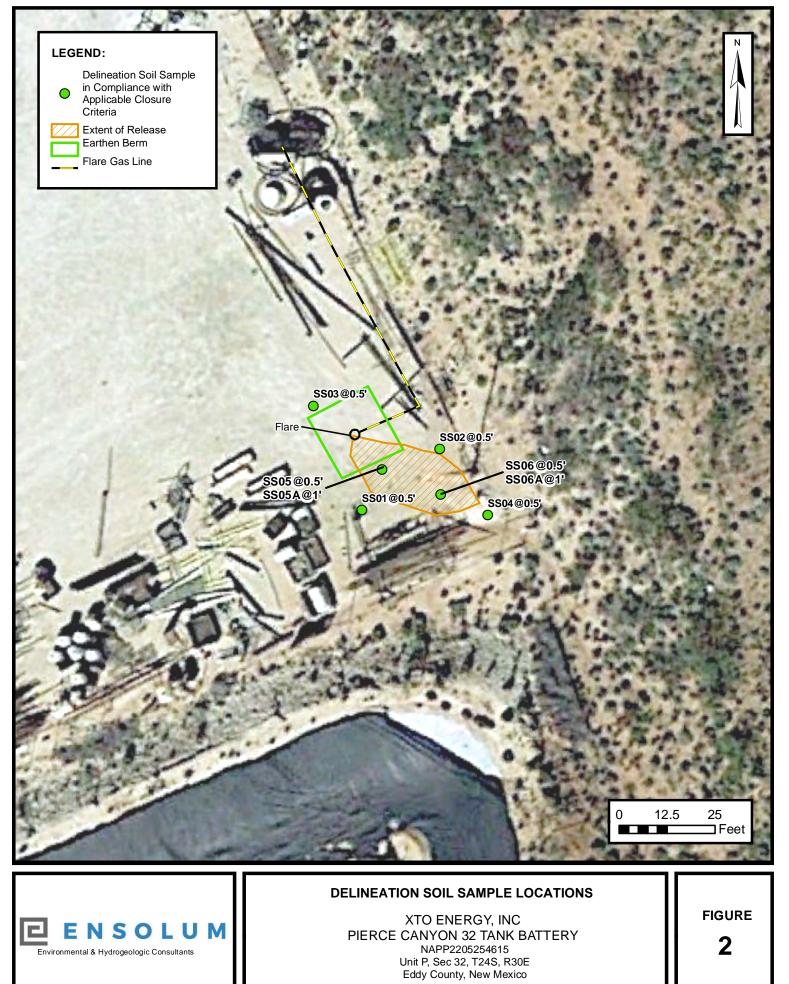
Aimee Cole Senior Managing Scientist



FIGURES

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TABLES

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ENSOLUM

| TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Pierce Canyon 32 Tank Battery XTO Energy, Inc. Eddy County, New Mexico | | | | | | | | | | |
|---|----------------|-------------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| Sample I.D. | Sample Date | Sample Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
| NMOCD Table 1 Closure Criteria (NMAC | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |

| | 19.15.29) | eria (NMAC | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 | | | | |
|--------------------------|------------|------------|----------|----------|-------|-------|-------|-------|-------|--------|--|--|--|--|
| Delineation Soil Samples | | | | | | | | | | | | | | |
| SS01 | 04/22/2022 | 0.5 | <0.00200 | <0.00399 | <50.0 | 67.1 | <50.0 | 67.1 | 67.1 | 144 | | | | |
| SS02 | 05/02/2022 | 0.5 | <0.00202 | <0.00404 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 7.68 | | | | |
| SS03 | 04/22/2022 | 0.5 | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 50.7 | | | | |
| SS04 | 04/22/2022 | 0.5 | <0.00200 | <0.00399 | <50.0 | 73.5 | <50.0 | 73.5 | 73.5 | 6.01 | | | | |
| SS05 | 04/22/2022 | 0.5 | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 87.6 | | | | |
| SS05A | 04/22/2022 | 1 | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 19.7 | | | | |
| SS06 | 04/22/2022 | 0.5 | <0.00200 | <0.00401 | <50.0 | 416 | <50.0 | 416 | 416 | 148 | | | | |
| SS06A | 04/22/2022 | 1 | <0.00202 | <0.00404 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 15.0 | | | | |

Notes:

bgs: below ground surface

mg/kg: milligrams per

NMOCD: New Mexico Oil Conservation Division BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes Concentrations in bold exceed the NMOCD Table 1 Closure Criteria or reclamation standard where applicable. GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon



APPENDIX A

Referenced Well Records

| Received by | OCD: 5, | /10/202 | | | ew Λ | | | co Offi : er R i | | _ | | 0 | | ge 18 of |
|------------------------------|----------|---------|--------|-----------------|-----------------|------------|---------------------------|----------------------------|---------------------|----------------|------------|-----------------|---------|----------|
| F | WR F | ile Nun | nber: | C 04 | 474 | | | Subbasin | : CUB | Cross F | Reference |) :- | | |
| get image list | Prima | ry Pur | pose: | MON | N MC | NITC | RI | NG WELL | | | | | | |
| <u>gg</u> | | ry Stat | us: | PMT | PE | RMIT | | | | | | | | |
| Total Acres: | | | | | | | | Subfile: | - | | He | eader: - | | |
| Total Diversion: | | | ion: | 0 | | | | Cause/Ca | ise: - | | | | | |
| Agent: Contact: | | | | | NVIRO EPH HI | | | AL INC DEZ | | | | | | |
| User: Contact: | | | | ENER E LITTF | • • • • | IC | | | | | | | | |
| Documen | its on F | ile | | | | Status | 5 | | | From/ | | | | |
| | Trn # | Doc | File/A | ct | | | 2 | Transaction | Desc. | То | Acres | Diversion | Consump | tive |
| images | 677410 | EXPL | 2020- | 09-02 | PI | /IT AF | PR | C 04474 POE | 01 | Т | 0 | 0 | | |
| Current P | oints o | f Diver | sion | | | QQ | Q | | (NAD83 UTM | /l in meters) | | | | |
| POD NumberWellC 04474 POD1NA | | | Tag | Source | 6416 | 5 4 | Sec Tws Rng 34 24S 30E | X 605830 | Y 3561045 | Other BH-01 | Location D | esc | | |

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.



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

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

| Pata | category. | |
|------|-----------|--|
| Cro | undwatar | |
| GIO | undwater | |

Data Category

Geographic Area: United States

GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

• 320850103533801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320850103533801 25S.30E.08.224444

Available data for this site Groundwater: Field measurements GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°08'50", Longitude 103°53'38" NAD27

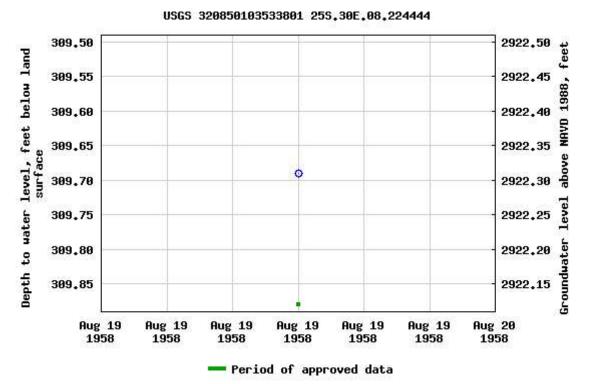
Land-surface elevation 3,232 feet above NAVD88

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



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

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-05-03 12:53:26 EDT 0.6 0.54 nadww01



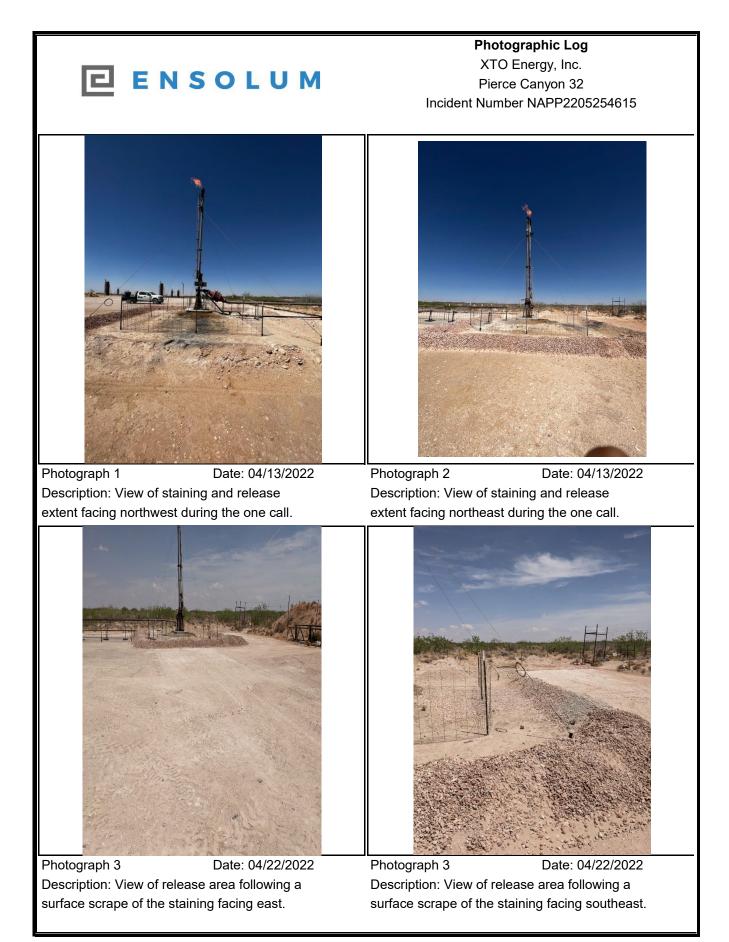
드

ENSOLUM



APPENDIX B

Photographic Log





APPENDIX C

Lithologic Soil Sampling Logs

•

| | = N | S | 01 | . U | M | Sample Name: SS05/SS05A Site Name: Pierce Canyon 32 | Date: 04/22/2022 |
|---|-------------------|---------------|-----------------------------|---|---------------------|--|------------------|
| | | 9 | | | | Incident Number: NAPP22052546 | 515 |
| L | | | AMPLING | Job Number: 03E1558011 Logged By: CS | Method: Hand Auger | | |
| Coordinates: 32.16 | | | | | | Hole Diameter: 4" | Total Depth: 1' |
| | creening co | nducted w | | | | PID for chloride and vapor, respec | |
| Moisture Content Chloride (ppm) Vapor | (ppm) Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic De | escriptions |
| | 0.5 N 0.4 N | SS05 SS05A | 0.5 _ 1.0 _ | 0.5 | CCHE CCHE | CALICHE, white, to light tan w angular clasts. CALICHE, white, to light tan w angular clasts. | |
| | | | | TD @ | 1.0 Fee | thac | |
| | | | | | | | |

•

| | | | | | Sample Name: SS06/SS06A | Date: 04/22/2022 |
|---|--------------------------------|-----------------------------|-----------------------|---------------------|--|-----------------------|
| | NC | | | | Site Name: Pierce Canyon 32 | |
| | NS | OL | . U | | Incident Number: NAPP22052546 | 515 |
| | | | | | Job Number: 03E1558011 | |
| LITH | OLOGIC / SO | L SAMPLING | LOG | | Logged By: CS | Method: Hand Auger |
| Coordinates: 32.1675 | | | | | Hole Diameter: 4" | Total Depth: 1' |
| Comments: Field scre performed with 1:4 d | | | | | PID for chloride and vapor, respect factors included. | tively. Chloride test |
| Moisture Content Chloride (ppm) Vapor | (ppm) Staining Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic De | escriptions |
| D 168 0.8 D <168 0.5 | | | _ 0 _ 0.5 _ 1.0 | CCHE CCHE | CALICHE, white, to light tan w angular clasts. CALICHE, white, to light tan w angular clasts. | |
| | | | | 1.0 Fee | | |
| | | | | | | |



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

Received by OCD: 5/10/2022 8:42:41 AM

🔅 eurofins

Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2233-1

Laboratory Sample Delivery Group: 03E1558011 Client Project/Site: Pierce Canyon 32

For:

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Kalei Jennings

RAMER

Authorized for release by: 4/29/2022 2:38:06 PM

Jessica Kramer, Project Manager (432)704-5440 Jessica.Kramer@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS **Review your project** results through **Total** Access Have a Question? Ask-The Expert Visit us at: www.eurofinsus.com/Env

Released to Imaging: 6/14/2022 9:49:48 AM

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| | Definitions/Glossary | | |
|--------------------------------------|---|---------------------------------------|---|
| Client: Ensolum Project/Site: Pie | | Job ID: 890-2233-1 SDG: 03E1558011 | 2 |
| Qualifiers | | | 3 |
| GC VOA | | | |
| Qualifier | Qualifier Description | | |
| F1 | MS and/or MSD recovery exceeds control limits. | | |
| F2 | MS/MSD RPD exceeds control limits | | 5 |
| U | Indicates the analyte was analyzed for but not detected. | | |
| GC Semi VOA | | | |
| Qualifier | Qualifier Description | | |
| S1+ | Surrogate recovery exceeds control limits, high biased. | | |
| U | Indicates the analyte was analyzed for but not detected. | | |
| HPLC/IC | | | Q |
| Qualifier | Qualifier Description | | 0 |
| U | Indicates the analyte was analyzed for but not detected. | | 0 |
| | | | 9 |
| Glossary | | | |
| Abbreviation | These commonly used abbreviations may or may not be present in this report. | | |
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis | | |
| %R | Percent Recovery | | |
| CFL | Contains Free Liquid | | |
| CFU | Colony Forming Unit | | |
| CNF | Contains No Free Liquid | | 4 |
| DER | Duplicate Error Ratio (normalized absolute difference) | | |
| Dil Fac | Dilution Factor | | |
| DL | Detection Limit (DoD/DOE) | | |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample | | |
| DLC | Decision Level Concentration (Radiochemistry) | | |
| EDL | Estimated Detection Limit (Dioxin) | | |
| LOD | Limit of Detection (DoD/DOE) | | |
| LOQ | Limit of Quantitation (DoD/DOE) | | |
| MCL | EPA recommended "Maximum Contaminant Level" | | |
| MDA | Minimum Detectable Activity (Radiochemistry) | | |
| MDC | Minimum Detectable Concentration (Radiochemistry) | | |
| MDL | Method Detection Limit | | |
| ML | Minimum Level (Dioxin) | | |
| MPN | Most Probable Number | | |
| MQL | Method Quantitation Limit | | |
| NC | Not Calculated | | |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) | | |
| NEG | Negative / Absent | | |
| POS | Positive / Present | | |
| PQL | Practical Quantitation Limit | | |
| PRES | Presumptive | | |
| QC | Quality Control | | |
| RER | Relative Error Ratio (Radiochemistry) | | |
| RL | Reporting Limit or Requested Limit (Radiochemistry) | | |
| RPD | Relative Percent Difference, a measure of the relative difference between two points | | |
| TEF | Toxicity Equivalent Factor (Dioxin) | | |

Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

TEQ

TNTC

4

5

Job ID: 890-2233-1 SDG: 03E1558011

Job ID: 890-2233-1

Client: Ensolum

Laboratory: Eurofins Carlsbad

Project/Site: Pierce Canyon 32

Narrative

Job Narrative 890-2233-1

Receipt

The samples were received on 4/22/2022 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24268 and analytical batch 880-24380 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-24262/3-A) and (MB 880-24262/1-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 890-2233-1 SDG: 03E1558011

Client Sample ID: SS01

Date Collected: 04/22/22 11:20 Date Received: 04/22/22 15:05

Sample Depth: 0.5

Lab Sample ID: 890-2233-1

Matrix: Solid

5

| Method: 8021B - Volatile Organic C | compounds (| 'GC) | | | | | | |
|---|--------------------|-----------|-----------|----------|---|----------------|------------------------|----------------|
| Analyte | | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | | | 04/26/22 15:59 | 04/28/22 23:34 | 1 |
| Method: Total BTEX - Total BTEX C | `alculation | | | | | | | |
| Analyte | | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00399 | | 0.00399 | mg/Kg | | riepareu | 04/29/22 15:23 | 1 |
| | ~0.00399 | 0 | 0.00033 | iiig/rxy | | | UTILUIZZ 10.20 | I |
| | rganics (DR | 0) (GC) | | | | | | |
| Analyte | | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | 67.1 | | 50.0 | mg/Kg | | | 04/28/22 09:20 | 1 |
| — | | | | | | | | |
| Method: 8015B NM - Diesel Range | | | | | | | | |
| Analyte | | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 13:58 | 1 |
| (GRO)-C6-C10 | | | - | | | 04/00/05 | 04/07/05 15 | |
| Diesel Range Organics (Over C10-C28) | 67.1 | | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 13:58 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 13:58 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 81 | | 70 _ 130 | | | 04/26/22 14:42 | 04/27/22 13:58 | 1 |
| o-Terphenyl | 86 | | 70 - 130 | | | 04/26/22 14:42 | 04/27/22 13:58 | 1 |
| Method: 300.0 - Anions, Ion Chrom | atography - | Soluble | | | | | | |
| Analyte | | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 144 | - | 4.97 | mg/Kg | | | 04/27/22 17:42 | 1 |
| - Client Sample ID: SS02 | | | | | | Lab Car | | <u>,,,,, ,</u> |
| Client Sample ID: SS02 | | | | | | Lan Sal | nple ID: 890- Motri | |
| Date Collected: 04/22/22 11:25 | | | | | | | Matri | x: Solid |
| Date Received: 04/22/22 15:05 | | | | | | | | |
| Sample Depth: 0.5 | | | | | | | | |
| Method: 8021B - Volatile Organic C | • • | | | | | | | |
| Analyte | | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00199 | | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:55 | 1 |
| Toluene | <0.00199 | | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:55 | 1 |
| Ethylbenzene | <0.00199 | | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:55 | 1 |
| m-Xylene & p-Xylene | <0.00398 | | 0.00398 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:55 | 1 |
| o-Xylene | <0.00199 | | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:55 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 04/26/22 15:59 | 04/28/22 23:55 | 1 |

| Aylenes, Iotai | <0.00398 | 0 | 0.00390 | ing/itg | 04/20/22 13.39 | 04/20/22 23.33 | , |
|-----------------------------|-----------|-----------|----------|---------|----------------|----------------|---------|
| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | | 04/26/22 15:59 | 04/28/22 23:55 | 1 |

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Client: Ensolum Project/Site: Pierce Canyon 32

| Method: 300.0 - Anions, Ion Chromato | ography - | Soluble | | | | | | |
|--------------------------------------|-----------|-----------|------|-------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 144 | | 4.97 | mg/Kg | | | 04/27/22 17:42 | 1 |

С D D

| Released to Imaging: | 6/14/2022 | 9.49.48 AM | Pag |
|-----------------------------|-----------|---------------|-----|
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4/29/2022
```

Client Sample Results

Job ID: 890-2233-1 SDG: 03E1558011

Lab Sample ID: 890-2233-2

Matrix: Solid

5

Date Collected: 04/22/22 11:25 Date Received: 04/22/22 15:05

Client: Ensolum

| Sample | Depth: | 0.5 | |
|--------|--------|-----|--|
| | | | |

Project/Site: Pierce Canyon 32

Client Sample ID: SS02

| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fa |
|-----------------------------------|----------------------|-----------|----------|-------|---|----------------|----------------|----------|
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | 04/26/22 15:59 | 04/28/22 23:55 | |
| Method: Total BTEX - Total BTEX | X Calculation | | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 04/29/22 15:23 | |
| Method: 8015 NM - Diesel Range | organics (DR | 0) (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | <49.9 | U | 49.9 | mg/Kg | | | 04/28/22 09:20 | |
| Method: 8015B NM - Diesel Ran | ge Organics (D | RO) (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <49.9 | U | 49.9 | mg/Kg | | 04/26/22 14:42 | 04/27/22 14:18 | |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | <49.9 | U | 49.9 | mg/Kg | | 04/26/22 14:42 | 04/27/22 14:18 | - |
| C10-C28) | -10.0 | | 40.0 | | | 04/00/00 44:40 | 04/07/00 44:40 | |
| Oll Range Organics (Over C28-C36) | <49.9 | 0 | 49.9 | mg/Kg | | 04/26/22 14:42 | 04/27/22 14:18 | - |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fa |
| 1-Chlorooctane | 81 | | 70 - 130 | | | 04/26/22 14:42 | 04/27/22 14:18 | |
| o-Terphenyl | 87 | | 70 - 130 | | | 04/26/22 14:42 | 04/27/22 14:18 | |
| Method: 300.0 - Anions, Ion Chr | omatography - | Soluble | | | | | | |
| Analyte | • • • | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Chloride | 769 | | 4.95 | mg/Kg | | | 04/27/22 17:50 | |
| lient Sample ID: SS03 | | | | | | Lab San | nple ID: 890-2 | 2233-3 |
| ate Collected: 04/22/22 11:30 | | | | | | | | x: Solic |

Sample Depth: 0.5

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|------------------------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| 1,4-Difluorobenzene (Surr) | 93 | | 70 - 130 | | | 04/26/22 15:59 | 04/29/22 00:15 | 1 |
| - Method: Total BTEX - Total B | TEX Calculation | | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 04/29/22 15:23 | 1 |
| - Method: 8015 NM - Diesel Rai | nge Organics (DR | O) (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| | | | | | | | | |

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Job ID: 890-2233-1 SDG: 03E1558011

Matrix: Solid

Lab Sample ID: 890-2233-3

Lab Sample ID: 890-2233-4

Matrix: Solid

Client Sample ID: SS03

Project/Site: Pierce Canyon 32

Date Collected: 04/22/22 11:30 Date Received: 04/22/22 15:05

Sample Depth: 0.5

Client: Ensolum

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 14:39 | 1 |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 14:39 | 1 |
| C10-C28) | | | | | | | | |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 14:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 74 | | 70 - 130 | | | 04/26/22 14:42 | 04/27/22 14:39 | 1 |
| o-Terphenyl | 77 | | 70 - 130 | | | 04/26/22 14:42 | 04/27/22 14:39 | 1 |

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 50.7 | | 4.99 | mg/Kg | | | 04/27/22 17:59 | 1 |

Client Sample ID: SS04

Date Collected: 04/22/22 11:35 Date Received: 04/22/22 15:05

Sample Depth: 0.5

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 108 | | 70 - 130 | | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 94 | | 70 - 130 | | | 04/26/22 15:59 | 04/29/22 00:36 | 1 |
| Method: Total BTEX - Total BTEX | Calculation | | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 04/29/22 15:23 | 1 |
| Method: 8015 NM - Diesel Range | Organics (DR | O) (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Total TPH | 73.5 | | 50.0 | mg/Kg | | | 04/28/22 09:20 | 1 |
| Method: 8015B NM - Diesel Rang | e Organics (D | RO) (GC) | | | | | | |
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 15:00 | 1 |
| Diesel Range Organics (Over C10-C28) | 73.5 | | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 15:00 | 1 |
| Oll Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 15:00 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 98 | | 70 - 130 | | | 04/26/22 14:42 | 04/27/22 15:00 | 1 |
| | | | | | | | | |

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2233-1

5

| | | Client | Sample Res | sults | | | | | 1 |
|--|------|----------------------|------------|-------|---|----------|-------------------------|--------------------|----|
| Client: Ensolum Project/Site: Pierce Canyon 32 | | | | | | | Job ID: 890 SDG: 03E | | 2 |
| Client Sample ID: SS04 Date Collected: 04/22/22 11:35 | | | | | | Lab Sa | mple ID: 890- Matri | 2233-4 x: Solid | |
| Date Received: 04/22/22 15:05 Sample Depth: 0.5 | | | | | | | | | 4 |
| Method: 300.0 - Anions, Ion Chron Analyte | | Soluble Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac | 5 |
| Chloride | 6.01 | | 5.01 | mg/Kg | | Tropulou | 04/27/22 18:08 | 1 | |
| | | | | | | | | | |
| | | | | | | | | | 8 |
| | | | | | | | | | 9 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | 13 |
| | | | | | | | | | |

Eurofins Carlsbad

Client: Ensolum Project/Site: Pierce Canyon 32

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) | |
|--------------------|------------------------|------------------|-------------------|--|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) | | 5 |
| 890-2225-A-9-C MS | Matrix Spike | 107 | 100 | · | |
| 890-2225-A-9-D MSD | Matrix Spike Duplicate | 106 | 101 | | 6 |
| 890-2233-1 | SS01 | 105 | 95 | | |
| 890-2233-2 | SS02 | 102 | 93 | | |
| 890-2233-3 | SS03 | 105 | 93 | | |
| 890-2233-4 | SS04 | 108 | 94 | | 8 |
| LCS 880-24268/1-A | Lab Control Sample | 107 | 90 | | |
| LCSD 880-24268/2-A | Lab Control Sample Dup | 102 | 98 | | Q |
| MB 880-24268/5-A | Method Blank | 90 | 91 | | 3 |
| Surrogate Legend | | | | | |

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

| | | | | Percent Surrogate Recovery (Acceptance Limits) |
|----------------------|------------------------|----------|----------|--|
| | | 1CO1 | OTPH1 | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | |
| 880-14003-A-21-B MS | Matrix Spike | 78 | 82 | |
| 880-14003-A-21-C MSD | Matrix Spike Duplicate | 78 | 81 | |
| 890-2233-1 | SS01 | 81 | 86 | |
| 890-2233-2 | SS02 | 81 | 87 | |
| 890-2233-3 | SS03 | 74 | 77 | |
| 890-2233-4 | SS04 | 98 | 101 | |
| Suma nata Lanand | | | | |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Method: 8015B NM - Diesel Range Organics (DRO) (GC) Matrix: Solid

Prep Type: Total/NA

Prep Type: Total/NA

| | | 1CO2 | OTPH2 |
|--------------------|------------------------|----------|----------|
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| LCS 880-24262/2-A | Lab Control Sample | 105 | 126 |
| LCSD 880-24262/3-A | Lab Control Sample Dup | 125 | 153 S1+ |
| MB 880-24262/1-A | Method Blank | 116 | 145 S1+ |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 890-2233-1

Prep Type: Total/NA

SDG: 03E1558011

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QC Sample Results

Client: Ensolum Project/Site: Pierce Canyon 32

Method: 8021B - Volatile Organic Compounds (GC)

| Lab Sample | ID: MB 880-24268/5-A |
|------------|----------------------|
| | |

Matrix: Solid Analysis Batch: 24380

| - | МВ | МВ | | | | | - | |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |
| | МВ | МВ | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | | | 04/26/22 15:59 | 04/28/22 18:04 | 1 |

Lab Sample ID: LCS 880-24268/1-A Matrix: Solid

Analysis Batch: 24380

| | Spike | LCS | LCS | | | | %Rec | |
|---------------------|-------|---------|-----------|-------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | 0.100 | 0.07683 | | mg/Kg | | 77 | 70 - 130 | |
| Toluene | 0.100 | 0.09592 | | mg/Kg | | 96 | 70 - 130 | |
| Ethylbenzene | 0.100 | 0.1023 | | mg/Kg | | 102 | 70 - 130 | |
| m-Xylene & p-Xylene | 0.200 | 0.1971 | | mg/Kg | | 99 | 70 - 130 | |
| o-Xylene | 0.100 | 0.09834 | | mg/Kg | | 98 | 70 - 130 | |

| | LCS | LCS | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 90 | | 70 - 130 |

Lab Sample ID: LCSD 880-24268/2-A

Matrix: Solid

| Analysis Batch: 24380 | | | | | | | Prep | Batch: | 24268 |
|-----------------------|-------|--------|-----------|-------|---|------|----------|--------|-------|
| | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Benzene | 0.100 | 0.1019 | | mg/Kg | | 102 | 70 - 130 | 28 | 35 |
| Toluene | 0.100 | 0.1034 | | mg/Kg | | 103 | 70 - 130 | 8 | 35 |
| Ethylbenzene | 0.100 | 0.1053 | | mg/Kg | | 105 | 70 - 130 | 3 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2154 | | mg/Kg | | 108 | 70 - 130 | 9 | 35 |
| o-Xylene | 0.100 | 0.1075 | | mg/Kg | | 108 | 70 - 130 | 9 | 35 |
| | | | | | | | | | |

| | LCSD | LCSD | |
|-----------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 |

Lab Sample ID: 890-2225-A-9-C MS

Matrix: Solid

| Analysis Batch: 24380 | | | | | | | | | Prep | Batch: 24268 |
|-----------------------|----------|-----------|--------|---------|-----------|-------|---|------|----------|--------------|
| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Benzene | <0.00200 | U F1 | 0.0996 | 0.06381 | F1 | mg/Kg | | 64 | 70 - 130 | |
| Toluene | <0.00200 | U F1 | 0.0996 | 0.06108 | F1 | mg/Kg | | 60 | 70 - 130 | |

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Prep Type: Total/NA

Client Sample ID: Matrix Spike

3

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Job ID: 890-2233-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 24268

Prep Batch: 24268

Lab Sample ID: 890-2225-A-9-C MS

QC Sample Results

MS MS

0.05273 F1

0.1057 F1

0.05637 F1

Result Qualifier

Unit

mg/Kg

mg/Kg

mg/Kg

Spike

Added

0.0996

0.199

0.0996

Limits 70 - 130

70 - 130

70 - 130

Client: Ensolum Project/Site: Pierce Canyon 32

Matrix: Solid

Analyte

o-Xylene

Surrogate

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 24380

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Sample Sample

<0.00200 U F2 F1

<0.00401 U F2 F1

<0.00200 U F2 F1

MS MS

%Recovery

107

100

101

MR

145 S1+

Qualifier

Result Qualifier

Job ID: 890-2233-1 SDG: 03E1558011

Prep Type: Total/NA

Prep Batch: 24268

Client Sample ID: Matrix Spike

%Rec

Limits

70 - 130

70 - 130

70 - 130

%Rec

53

53

57

D

2 3 4 5 6 7 8 9 10 11

Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Client Sample ID: Method Blank

04/27/22 11:32

Client Sample ID: Lab Control Sample

04/26/22 14:42

Prep Type: Total/NA Prep Batch: 24262

Matrix: Solid Analysis Batch: 24380

1,4-Difluorobenzene (Surr)

Lab Sample ID: 890-2225-A-9-D MSD

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

| Analysis Batch: 24380 | | | | | | | | | Prep | Batch: | 24268 | |
|-----------------------------|-----------|-----------|----------|---------|-----------|-------|---|------|----------|--------|-------|---|
| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit | |
| Benzene | < 0.00200 | U F1 | 0.0994 | 0.05960 | F1 | mg/Kg | | 60 | 70 - 130 | 7 | 35 | |
| Toluene | <0.00200 | U F1 | 0.0994 | 0.04972 | F1 | mg/Kg | | 49 | 70 - 130 | 21 | 35 | ī |
| Ethylbenzene | <0.00200 | U F2 F1 | 0.0994 | 0.02999 | F2 F1 | mg/Kg | | 30 | 70 - 130 | 55 | 35 | |
| m-Xylene & p-Xylene | <0.00401 | U F2 F1 | 0.199 | 0.05793 | F2 F1 | mg/Kg | | 29 | 70 - 130 | 58 | 35 | i |
| o-Xylene | <0.00200 | U F2 F1 | 0.0994 | 0.03197 | F2 F1 | mg/Kg | | 32 | 70 - 130 | 55 | 35 | |
| | MSD | MSD | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 | | | | | | | | | |

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

| Lab Sample ID: MB 880-24262/1-A | |
|---------------------------------|----|
| Matrix: Solid | |
| Analysis Batch: 24278 | |
| | мв |

| | NID. | | | | | | | |
|-----------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
| Gasoline Range Organics | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 11:32 | 1 |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 11:32 | 1 |
| C10-C28) | | | | | | | | |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/26/22 14:42 | 04/27/22 11:32 | 1 |
| | MB | МВ | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 116 | | 70 - 130 | | | 04/26/22 14:42 | 04/27/22 11:32 | 1 |

70 - 130

Lab Sample ID: LCS 880-24262/2-A Matrix: Solid

o-Terphenyl

| Analysis Batch: 24278 | | | | | | | Prep | Batch: 24262 |
|-----------------------------|-------|--------|-----------|-------|---|------|----------|--------------|
| | Spike | LCS | LCS | | | | %Rec | |
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| Gasoline Range Organics | 1000 | 1162 | | mg/Kg | | 116 | 70 - 130 | |
| (GRO)-C6-C10 | | | | | | | | |
| Diesel Range Organics (Over | 1000 | 966.8 | | mg/Kg | | 97 | 70 - 130 | |
| C10-C28) | | | | | | | | |

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Prep Type: Total/NA

Released to Imaging: 6/14/2022 9:49:48 AM

QC Sample Results

Client: Ensolum Project/Site: Pierce Canyon 32

(GRO)-C6-C10

Gasoline Range Organics

Diesel Range Organics (Over

C10-C28)

Surrogate

o-Terphenyl

1-Chlorooctane

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

<49.9 U

<49.9 U

78

81

%Recovery

MSD MSD

Qualifier

| Nethod: 8015B NW - Dies | | games (E | <u>(00) (00) (</u> | Continue | <u>,u)</u> | | | | | | |
|---|-----------|-----------|--------------------|----------|------------|-------|-----------|----------|--------------|----------|--------|
| Lab Sample ID: LCS 880-242 | 262/2-A | | | | | | Client | Sample | e ID: Lab Co | ontrol S | ample |
| Matrix: Solid | | | | | | | | | Prep T | Type: To | tal/NA |
| Analysis Batch: 24278 | | | | | | | | | Prep | Batch: | 24262 |
| | LCS | LCS | | | | | | | | | |
| Surrogate | | | Limits | | | | | | | | |
| 1-Chlorooctane | 105 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 126 | | 70 - 130 | | | | | | | | |
| - ' ' | | | | | | | | | | | |
| Lab Sample ID: LCSD 880-24 | 4262/3-A | | | | | Clie | ent Sam | ple ID: | Lab Contro | J Sampl | e Dup |
| Matrix: Solid | | | | | | | | | | Type: To | |
| Analysis Batch: 24278 | | | | | | | | | Prep | Batch: | 24262 |
| | | | Spike | LCSD | LCSD | | | | %Rec | | RPD |
| Analyte | | | Added | | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| Gasoline Range Organics | | | 1000 | 1044 | | mg/Kg | | 104 | 70 - 130 | 11 | 20 |
| (GRO)-C6-C10 Discol Banga Organica (Over | | | 1000 | 1076 | | malka | | 109 | 70 120 | 11 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1076 | | mg/Kg | | 108 | 70 - 130 | 11 | 20 |
| 010-020 | | | | | | | | | | | |
| | | LCSD | | | | | | | | | |
| Surrogate | | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 125 | | 70 - 130 | | | | | | | | |
| o-Terphenyl _ | 153 | S1+ | 70 - 130 | | | | | | | | |
| - Lab Sample ID: 880-14003-A | -21-B MS | | | | | | | Client | t Sample ID: | · Matrix | Snike |
| Matrix: Solid | | | | | | | | 0.00.00 | | Type: To | |
| Analysis Batch: 24278 | | | | | | | | | | Batch: | |
| Andryolo Batom 2 1210 | Sample | Sample | Spike | MS | MS | | | | %Rec | Butom | |
| Analyte | - | Qualifier | Added | | Qualifier | Unit | D | %Rec | Limits | | |
| Gasoline Range Organics | <49.9 | U | 999 | 915.7 | | mg/Kg | | 90 | 70 - 130 | | |
| (GRO)-C6-C10 | | | | | | | | | | | |
| Diesel Range Organics (Over | <49.9 | U | 999 | 792.4 | | mg/Kg | | 77 | 70 - 130 | | |
| C10-C28) | | | | | | | | | | | |
| | MS | MS | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 78 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 82 | | 70 - 130 | | | | | | | | |
| - | | | | | | | | | | | |
| Lab Sample ID: 880-14003-A | 21-C MSD | | | | | C | Client Sa | ample IE | D: Matrix Sp | | |
| Matrix: Solid | | | | | | | | | | Type: To | |
| Analysis Batch: 24278 | | | | | | | | | | Batch: | |
| | | Sample | Spike | | MSD | | | | %Rec | | RPD |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |

Job ID: 890-2233-1 SDG: 03E1558011

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86

72

70 - 130

70 - 130

999

999

Limits

70 - 130

70 - 130

876.0

748.8

mg/Kg

mg/Kg

20

20

4

Project/Site: Pierce Canyon 32

Client: Ensolum

QC Sample Results

Job ID: 890-2233-1 SDG: 03E1558011

Method: 300.0 - Anions, Ion Chromatography

| Lab Sample ID: MB 880-24300/1-A Matrix: Solid | | | | | | | | | Client S | Sample ID: | | |
|--|---------------|-------------------------|---------------------------------------|---|------------------------------|-----------------|----------|----------|-----------------------------|---|--------------------------|--------------------------------|
| | | | | | | | | | | Prep | Type: S | oluble |
| Analysis Batch: 24303 | | МВ МВ | | | | | | | | | | |
| Analysis | | мы мы sult Qualifier | | RL | Unit | | D | п. | | A malum | | Dil Fac |
| Analyte | | $\frac{1}{5.00}$ U | | 5.00 RL | mg/K | a | <u> </u> | Pr | repared | Analyz | | |
| - | | | | | U | 0 | | | | | | |
| Lab Sample ID: LCS 880-24300/2-A | | | | | | | Cli | ient | Sample | D: Lab Co | ontrol S | ample |
| Matrix: Solid | | | | | | | | | | Prep | Type: S | oluble |
| Analysis Batch: 24303 | | | | | | | | | | | | |
| | | | Spike | LCS | LCS | | | | | %Rec | | |
| Analyte | | | Added | Result | Qualifier | Unit | | D | %Rec | Limits | | |
| Chloride | | | 250 | 254.5 | | mg/Kg | | | 102 | 90 - 110 | | |
| Lab Sample ID: LCSD 880-24300/3-A | | | | | | CI | iont 9 | Sam | nlo ID· I | Lab Contro | l Samn | |
| Matrix: Solid | • | | | | | 01 | | Juin | | | Type: S | |
| Analysis Batch: 24303 | | | | | | | | | | Tieb | Type. O | orubit |
| Analysis Daten. 24000 | | | Califo | | LCSD | | | | | %Rec | | RPD |
| | | | Spike | LCOD | LOOD | | | | | /01100 | | RPL |
| Analyte | | | Added | | Qualifier | Unit | | D | %Rec | Limits | RPD | Limi |
| Analyte | | | | | | _ Unit mg/Kg | | <u>D</u> | %Rec 102 | | RPD | Limi |
| Chloride | | | Added | Result | | | | <u>D</u> | 102 | Limits 90 - 110 | 0 | Limi 20 |
| Chloride Lab Sample ID: 890-2234-A-2-D MS | | | Added | Result | | | | <u>D</u> | 102 | Limits 90 - 110 Sample ID | 0 : Matrix | Limit 20 Spike |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid | | | Added | Result | | | | <u>D</u> | 102 | Limits 90 - 110 Sample ID | 0 | Limit 20 Spike |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 | Sample | Sample | Added 250 | Result 254.1 | | | | <u>D</u> | 102 | Limits 90 - 110 Sample ID | 0 : Matrix | Limit 20 Spike |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 | Sample 3 | Sample Qualifier | Added | Result 254.1 MS | Qualifier | | | D | 102 | Limits 90 - 110 Sample ID Prep | 0 : Matrix | Limit 20 Spike |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 | | | Added 250 Spike | Result 254.1 MS | Qualifier MS Qualifier | mg/Kg | | | 102 | Limits 90 - 110 Sample ID Prep %Rec | 0 : Matrix | Limi 20 Spike |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 Analyte Chloride | Result 148 | | Added 250 Spike Added | Result 254.1 MS Result | Qualifier MS Qualifier | mg/Kg | | | 102 Client %Rec 94 | Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 | 0 : Matrix Type: S | Limi 20 Spike oluble |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 Analyte Chloride Lab Sample ID: 890-2234-A-2-E MSD | Result 148 | | Added 250 Spike Added | Result 254.1 MS Result | Qualifier MS Qualifier | mg/Kg | Clien | | 102 Client %Rec 94 | Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 D: Matrix Sp | 0 : Matrix Type: S | Limi 20 Spike oluble |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 Analyte Chloride Lab Sample ID: 890-2234-A-2-E MSD Matrix: Solid | Result 148 | | Added 250 Spike Added | Result 254.1 MS Result | Qualifier MS Qualifier | mg/Kg | Clien | | 102 Client %Rec 94 | Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 D: Matrix Sp | 0 : Matrix Type: S | Limi 20 Spike oluble |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 Analyte Chloride Lab Sample ID: 890-2234-A-2-E MSD Matrix: Solid Analysis Batch: 24303 | 148 | Qualifier | Added 250 Spike Added 251 | Result 254.1 MS Result 383.6 | Qualifier MS Qualifier | mg/Kg | Clien | | 102 Client %Rec 94 | Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 D: Matrix Sp Prep | 0 : Matrix Type: S | Limi 20 Spike oluble |
| Chloride Lab Sample ID: 890-2234-A-2-D MS Matrix: Solid Analysis Batch: 24303 Analyte Chloride Lab Sample ID: 890-2234-A-2-E MSD Matrix: Solid Analysis Batch: 24303 | Result 148 | Qualifier | Added 250 Spike Added | Result 254.1 MS Result 383.6 MSD | Qualifier MS Qualifier | mg/Kg | Clien | | 102 Client %Rec 94 | Limits 90 - 110 Sample ID Prep %Rec Limits 90 - 110 D: Matrix Sp | 0 : Matrix Type: S | Limit 20 Spike oluble |

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QC Association Summary

Client: Ensolum Project/Site: Pierce Canyon 32

5 6

Job ID: 890-2233-1 SDG: 03E1558011

GC VOA

Prep Batch: 24268

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-2233-1 | SS01 | Total/NA | Solid | 5035 | |
| 890-2233-2 | SS02 | Total/NA | Solid | 5035 | |
| 890-2233-3 | SS03 | Total/NA | Solid | 5035 | |
| 390-2233-4 | SS04 | Total/NA | Solid | 5035 | |
| MB 880-24268/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-24268/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-24268/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-2225-A-9-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 890-2225-A-9-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 24380

| LCSD 880-24268/2-A | Lab Control Sample Dup | Iotal/NA | Solid | 5035 | | |
|-----------------------|------------------------|-----------|--------|--------|------------|----|
| 890-2225-A-9-C MS | Matrix Spike | Total/NA | Solid | 5035 | | 8 |
| 890-2225-A-9-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | | |
| Analysis Batch: 24380 | | | | | | 9 |
| | | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch | 10 |
| 890-2233-1 | SS01 | Total/NA | Solid | 8021B | 24268 | |
| 890-2233-2 | SS02 | Total/NA | Solid | 8021B | 24268 | 44 |
| 890-2233-3 | SS03 | Total/NA | Solid | 8021B | 24268 | |
| 890-2233-4 | SS04 | Total/NA | Solid | 8021B | 24268 | 12 |
| MB 880-24268/5-A | Method Blank | Total/NA | Solid | 8021B | 24268 | |
| LCS 880-24268/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 24268 | 40 |
| LCSD 880-24268/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 24268 | 13 |
| 890-2225-A-9-C MS | Matrix Spike | Total/NA | Solid | 8021B | 24268 | |
| 890-2225-A-9-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 24268 | 14 |
| | | | | | | |

Analysis Batch: 24530

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-2233-1 | SS01 | Total/NA | Solid | Total BTEX | |
| 890-2233-2 | SS02 | Total/NA | Solid | Total BTEX | |
| 890-2233-3 | SS03 | Total/NA | Solid | Total BTEX | |
| 890-2233-4 | SS04 | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 24262

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|-------------|------------|
| 890-2233-1 | SS01 | Total/NA | Solid | 8015NM Prep | |
| 890-2233-2 | SS02 | Total/NA | Solid | 8015NM Prep | |
| 890-2233-3 | SS03 | Total/NA | Solid | 8015NM Prep | |
| 890-2233-4 | SS04 | Total/NA | Solid | 8015NM Prep | |
| MB 880-24262/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-24262/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-24262/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-14003-A-21-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-14003-A-21-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 24278

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 890-2233-1 | SS01 | Total/NA | Solid | 8015B NM | 24262 |
| 890-2233-2 | SS02 | Total/NA | Solid | 8015B NM | 24262 |
| 890-2233-3 | SS03 | Total/NA | Solid | 8015B NM | 24262 |
| 890-2233-4 | SS04 | Total/NA | Solid | 8015B NM | 24262 |
| MB 880-24262/1-A | Method Blank | Total/NA | Solid | 8015B NM | 24262 |
| LCS 880-24262/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 24262 |

Eurofins Carlsbad

QC Association Summary

Client: Ensolum Project/Site: Pierce Canyon 32

GC Semi VOA (Continued)

Analysis Batch: 24278 (Continued)

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|----------|------------|
| LCSD 880-24262/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 24262 |
| 880-14003-A-21-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 24262 |
| 880-14003-A-21-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 24262 |
| Analysis Batch: 24374 | | | | | |

Batch: 243/4

| Lab Sample ID | Client Sample ID | Ргер Туре | Matrix | Method | Prep Batcl |
|---------------|------------------|-----------|--------|---------|------------|
| 890-2233-1 | SS01 | Total/NA | Solid | 8015 NM | |
| 890-2233-2 | SS02 | Total/NA | Solid | 8015 NM | |
| 890-2233-3 | SS03 | Total/NA | Solid | 8015 NM | |
| 890-2233-4 | SS04 | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 24300

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 890-2233-1 | SS01 | Soluble | Solid | DI Leach | |
| 890-2233-2 | SS02 | Soluble | Solid | DI Leach | |
| 890-2233-3 | SS03 | Soluble | Solid | DI Leach | |
| 890-2233-4 | SS04 | Soluble | Solid | DI Leach | |
| MB 880-24300/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-24300/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-24300/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-2234-A-2-D MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 890-2234-A-2-E MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 24303

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-2233-1 | SS01 | Soluble | Solid | 300.0 | 24300 |
| 890-2233-2 | SS02 | Soluble | Solid | 300.0 | 24300 |
| 890-2233-3 | SS03 | Soluble | Solid | 300.0 | 24300 |
| 890-2233-4 | SS04 | Soluble | Solid | 300.0 | 24300 |
| MB 880-24300/1-A | Method Blank | Soluble | Solid | 300.0 | 24300 |
| LCS 880-24300/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 24300 |
| LCSD 880-24300/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 24300 |
| 890-2234-A-2-D MS | Matrix Spike | Soluble | Solid | 300.0 | 24300 |
| 890-2234-A-2-E MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 24300 |

Page 41 of 52

5

8

Job ID: 890-2233-1 SDG: 03E1558011

5 6

9

Job ID: 890-2233-1 SDG: 03E1558011

Lab Sample ID: 890-2233-1 Matrix: Solid

Lab Sample ID: 890-2233-2

Lab Sample ID: 890-2233-3

Lab Sample ID: 890-2233-4

Matrix: Solid

Matrix: Solid

Date Collected: 04/22/22 11:20 Date Received: 04/22/22 15:05

Client Sample ID: SS01

Project/Site: Pierce Canyon 32

Client: Ensolum

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 24268 | 04/26/22 15:59 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | | | 24380 | 04/28/22 23:34 | MR | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 24530 | 04/29/22 15:23 | AJ | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 24374 | 04/28/22 09:20 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 24262 | 04/26/22 14:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 24278 | 04/27/22 13:58 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 24300 | 04/27/22 09:42 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 24303 | 04/27/22 17:42 | СН | XEN MID |

Client Sample ID: SS02

Date Collected: 04/22/22 11:25

Date Received: 04/22/22 15:05

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 24268 | 04/26/22 15:59 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | | | 24380 | 04/28/22 23:55 | MR | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 24530 | 04/29/22 15:23 | AJ | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 24374 | 04/28/22 09:20 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 24262 | 04/26/22 14:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 24278 | 04/27/22 14:18 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 24300 | 04/27/22 09:42 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 24303 | 04/27/22 17:50 | СН | XEN MID |

Client Sample ID: SS03

Date Collected: 04/22/22 11:30

| Date | Received: | 04/22/22 | 15:05 |
|------|-----------|----------|-------|
| | | | |

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 24268 | 04/26/22 15:59 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | | | 24380 | 04/29/22 00:15 | MR | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 24530 | 04/29/22 15:23 | AJ | XEN MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 24374 | 04/28/22 09:20 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 24262 | 04/26/22 14:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 24278 | 04/27/22 14:39 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 24300 | 04/27/22 09:42 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 24303 | 04/27/22 17:59 | СН | XEN MID |

Client Sample ID: SS04 Date Collected: 04/22/22 11:35 Date Received: 04/22/22 15:05

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 24268 | 04/26/22 15:59 | MR | XEN MID |
| Total/NA | Analysis | 8021B | | 1 | | | 24380 | 04/29/22 00:36 | MR | XEN MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 24530 | 04/29/22 15:23 | AJ | XEN MID |

Eurofins Carlsbad

Matrix: Solid

Job ID: 890-2233-1 SDG: 03E1558011

Matrix: Solid

Lab Sample ID: 890-2233-4

Client Sample ID: SS04 Date Collected: 04/22/22 11:35

Project/Site: Pierce Canyon 32

Client: Ensolum

Date Received: 04/22/22 15:05

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|-----------|----------|-------------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Ргер Туре | Туре | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Total/NA | Analysis | 8015 NM | | 1 | | | 24374 | 04/28/22 09:20 | AJ | XEN MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 24262 | 04/26/22 14:42 | DM | XEN MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 24278 | 04/27/22 15:00 | AJ | XEN MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 24300 | 04/27/22 09:42 | SC | XEN MID |
| Soluble | Analysis | 300.0 | | 1 | | | 24303 | 04/27/22 18:08 | СН | XEN MID |

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Released to Imaging: 6/14/2022 9:49:48 AM

Accreditation/Certification Summary

Client: Ensolum Project/Site: Pierce Canyon 32

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| thority | F | Program | Identification Number | Expiration Date |
|------------------------|------------------------------------|----------------------------------|--|---------------------------|
| xas | N | NELAP | T104704400-21-22 | 06-30-22 |
| The following analytes | are included in this report, b | out the laboratory is not certif | ied by the governing authority. This list ma | ay include analytes for v |
| the agency does not o | | Motrix | Analyta | |
| Analysis Method | fer certification . Prep Method | Matrix | Analyte | |
| 0, | | Matrix Solid | Analyte Total TPH | |

Job ID: 890-2233-1

SDG: 03E1558011

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Client: Ensolum Project/Site: Pierce Canyon 32 Job ID: 890-2233-1 SDG: 03E1558011

| lethod | Method Description | Protocol | Laboratory |
|---------------|--|----------|------------|
| 3021B | Volatile Organic Compounds (GC) | SW846 | XEN MID |
| lotal BTEX | Total BTEX Calculation | TAL SOP | XEN MID |
| 8015 NM | Diesel Range Organics (DRO) (GC) | SW846 | XEN MID |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | XEN MID |
| 300.0 | Anions, Ion Chromatography | MCAWW | XEN MID |
| 5035 | Closed System Purge and Trap | SW846 | XEN MID |
| 8015NM Prep | Microextraction | SW846 | XEN MID |
| OI Leach | Deionized Water Leaching Procedure | ASTM | XEN MID |
| SW846 = ' | = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, Mi "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third E = TestAmerica Laboratories, Standard Operating Procedure | • | |
| | | | |
| Laboratory Re | eferences: | | |
| XEN MID | = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440 | 0 | |
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Protocol References:

Laboratory References:

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Client: Ensolum Project/Site: Pierce Canyon 32 Job ID: 890-2233-1 SDG: 03E1558011

| ab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth | |
|--------------|------------------|--------|----------------|----------------|-------|-----|
| 90-2233-1 | SS01 | Solid | 04/22/22 11:20 | 04/22/22 15:05 | 0.5 | - |
| 90-2233-2 | SS02 | Solid | 04/22/22 11:25 | 04/22/22 15:05 | 0.5 | |
| 90-2233-3 | SS03 | Solid | 04/22/22 11:30 | 04/22/22 15:05 | 0.5 | Ę |
| 90-2233-4 | SS04 | Solid | 04/22/22 11:35 | 04/22/22 15:05 | 0.5 | |
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| Notice From the control of | 👡 eurotins | | Environment Testing | Houste Midland, | n, TX (281) TX (432) 70 | 240-4200, Dallas, 4-5440, San Anton | Houston, TX (281) 240–4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, <u>TX (210) 509-3334</u> | Work Order No: | er No: | |
|--|---|--|--|--|---|--|---|--|-------------------------------------|----------------------------|
| Wunderer Take Community mystere 5/5/3/UNI Little field Reference Phystere With Control Reference Phystere Reference Referen | | Xenco | | EL Paso Hobbs, | , TX (915) 5 NM (575) 3 | 85-3443, Lubbock, 92-7550, Carlsbad, | TX (806) 794-1296 NM (575) 988-3199 | | | r-1 5 |
| Manuality Matrix Matr | | | | and the second | V | | 1 60 | Mort C | | 5 |
| Intrine Exist-unit Little Little Notation Annual Little | Project Manager: | | | Bill to: (if different) | 2 > | NAL | ICCK | | | |
| State Autors Story Lot Outcol Non- Outcol Outcol <th< td=""><td>Company Name:</td><td>ENSOLUM LLC</td><td></td><td>Company Name:</td><td>X</td><td>ENG</td><td></td><td>Program: UST/PST PRP</td><td>Brownfields</td><td>_</td></th<> | Company Name: | ENSOLUM LLC | | Company Name: | X | ENG | | Program: UST/PST PRP | Brownfields | _ |
| Inscription Statution Sta | Address: | | | Address: | 2 | ت | 1 | State of Project: | [| |
| les: EDD ADAPT Other: Preservative Preserv | City, State ZIP: | | | City, State ZIP: | Ce | - 1 | 688 | Reporting: Level II Level | PST/UST | |
| Tenser Pictrit Currydor Turn Anound Anwryss Request Description (Number: 0.5 £ 1 \$5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | Phone: | * | | nail: tworrissey | | Solum. Com | - | | | 5 |
| Vurniture 0-3/E 1 5/5 (U1) Xeriation Res Description Control | Project Name: | | 33 | Furn Around | | | ANALYSIS REQ | DEST | Preservat | tive Codes |
| Interestion Cut 1 ot 1 to 1 loo1 Due Date Sym This Conclose er/home: Curved University University <td< td=""><td>Project Number:</td><td>036155801</td><td></td><td></td><td>Pres. Code</td><td></td><td></td><td></td><td>None: NO</td><td>DI Water: H₂O</td></td<> | Project Number: | 036155801 | | | Pres. Code | | | | None: NO | DI Water: H ₂ O |
| er faame (Curves) Such (Curves | Project Location: | 1001201201.001 | | SDAY | | | | | Cool: Cool | MeOH: Me |
| Let RECEIPT Terms time. Custody static. To N No Custody static. To N No No <td< td=""><td>Sampler's Name:</td><td>Connes Shore</td><td>TAT start</td><td>s the day received by</td><td>_</td><td></td><td></td><td></td><td>HCL: HC</td><td>HNO 3: HN</td></td<> | Sampler's Name: | Connes Shore | TAT start | s the day received by | _ | | | | HCL: HC | HNO 3: HN |
| y V V V V K Se Ag SiO ₂ Na Sr Hg: 1631 / 245.1 / Received by: (Signature) | PO #: | | -† | f received by 4:30pm | s. | | | | H ₂ S0 4: H ₂ | NaOH: Na |
| V V K Vi K Se Ag SiO ₂ Na Sr Hg: 1631 / 245.1 / Received by: (Signature) | SAMPLE RECEIPT | Temp Blank: | - | - | reter | | | | H3PO 4: HP | |
| V Vi K Se Ag StO ₂ Na Sr Hg: 1631 / 245.1 / Received by: (Signature) | Samples Received Inta | | Thermometer ID: | T-M-07 | men | | | | NaHSO 4: NABI | S |
| V Vi K Se Ag SiO ₂ Na Sr Hg: 1631/245.1/ Received by: (Signature) | Cooler Custody Seals: | Yes No | Correction Factor: | 2.0- | eq | 5 | | | Na 25 203: NaSC | е (|
| Se Ag SiO ₂ Na Sr Hg: 1631 / 245.1 / | Sample Custody Seals: | Yes No | Temperature Reading | 5 | | s | 1 | lain of Custody | Zn Acetate+Na | OH: Zn |
| Vi K Se Ag SiO ₂ Na Sr TI Sr Hg: 1631 / 245.1 / 747 Received by: (Signature) | Total Containers: | | Corrected Temperatu | e ii | A : | ł | | | NaOH+Ascorbio | c Acid: SAPC |
| Vi K </td <td>Sample Identi</td> <td></td> <td>Date Sampled</td> <td>Depth Grab/ Comp</td> <td></td> <td>TPI</td> <td></td> <td></td> <td>Sample (</td> <td>omments</td> | Sample Identi | | Date Sampled | Depth Grab/ Comp | | TPI | | | Sample (| omments |
| Vi K Se Ag SiO ₂ Na Sr TI Sn U V Z Hg: 1631/245.1/7470/747 Hg: 1631/245.1/7470/747 hg: 1631/245.1/7470/747 | 5501 | ~ | - | ·S. | _ | × | | | | |
| Vi K Se Ag SiO ₂ Na Sr Tl Sn U V Z Vi K Se Ag SiO ₂ Na Sr Tl Sn U V Z Hg: 1631 / 245.1 / 7470 / 747 tated. | SSOF | S | - | 5 | | × | | | | |
| Vi K Se Ag SiO ₂ Na Sr Tl Sn U V Z Hg: 1631/245.1/7470 /747 hg: 1631/245.1/7470 /747 | SS0 3 | 5 | | 0.51 | | × | | | | |
| Vi K Se Ag SiO ₂ Na Sr TI Sn U V Z Hg: 1631/245.1/7470/747 Hg: 1631/245.1/7470/747 Putated. | SSOL | S | | is. | | ¥ | | | | |
| Vi K Se Ag SiO ₂ Na Sr Tl Sn U V Z Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Z Hg: 1631 / 245.1 / 7470 / 747 theted. | | | | _ | - | | - | | _ | |
| Vi K Se Ag SiO ₂ Na Sr Tl Sn U V Z Hg: 1631/245.1/7470/747 Hg: 1631/245.1/7470/747 | | / | | | | _ | | | | |
| vi K Se Ag SiO ₂ Na Sr TI Sn U V Z Hg: 1631/245.1/7470/747 Hg: 1631/245.1/7470/747 | | | | | - | | | | | |
| Vi K Se Ag SiO ₂ Na Sr Tl Sn U V Z Hg: 1631/245.1/7470/747 Agreed Received by: (Signature) | 3 | | | | + | | | | | |
| Vi K Se Ag SiO ₂ Na Sr TI Sn U V 2 Hg: 1631/245.1/7470 /747 nated. Received by: (Signature) | | | | | | | | | | |
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| bilated. Received by: (Signature) | Circle Method(s) | and Metal(s) to be an | | 6010 : 8R | A Sb A | s Ba Be Cd C | Cr Co Cu Pb Mn Mo Ni | | / 245.1 / 7470 / | |
| Relinquished by: (Signature) Received by (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) C-S ひんしんしんしんしんしんしんしんしゃ (Signature) A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A- | Notice: Signature of this doc: of service. Eurofins Xenco wi sf Eurofins Xenco. A minimu: | ument and relinquishment of sam I be liable only for the cost of sam m charge of \$85.00 will be applied | ples constitutes a valid purcha ples and shall not assume any d to each project and a charge | e order from client company responsibility for any losses or of 55 for each sample submitt | to Eurofins X expenses In ed to Eurofin | enco, its affiliates and curred by the client if s Xenco, but not anal | subcontractors. It assigns standard te such losses are due to circumstances t lyzed. These terms will be enforced unl | erms and conditions beyond the control less previously negotiated. | | |
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| | | | | | - | | 4 | | | |

Job Number: 890-2233-1 SDG Number: 03E1558011

List Source: Eurofins Carlsbad

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 2233 List Number: 1 Creator: Clifton, Cloe

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is | N/A | |

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Job Number: 890-2233-1 SDG Number: 03E1558011

List Source: Eurofins Midland

List Creation: 04/26/22 10:56 AM

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 2233 List Number: 2 Creator: Rodriguez, Leticia

| Question | Answer | Comment |
|--|--------|---------|
| The cooler's custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is | N/A | |

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").



APPENDIX E

NMOCD Notifications

Released to Imaging: 6/14/2022 9:49:48 AM

Green, Garrett J

| From: | Baker, Adrian |
|-----------------|--|
| Sent: | Friday, April 15, 2022 8:27 AM |
| To: | ocd.enviro@state.nm.us; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Hensley, |
| Cc: Subject: | Chad, EMNRD; Hamlet, Robert, EMNRD DelawareSpills /SM; Green, Garrett J XTO Site Activities for the week of April 18th |
| Follow Up Flag: | Follow up |
| Flag Status: | Flagged |

All,

XTO plans to complete final sampling activities at the following sites the week of April 18, 2022.

Tuesday

- JRU Legg / nAPP2204943884

Wednesday

- PLU RR 33-25-30 / nAPP2204125212
- Los Medanos / nAPP2204835360

Thursday

- Los Medanos / nAPP2204835360

Friday

- Pierce Canyon 32 / nAPP2205254615

Thank you,

Adrian Baker Environmental Coordinator Permian Business Unit

XTO Energy Inc. 6401 N. Holiday Hill Dr. Midland, Tx 79707 Mobile:(432)-236-3808 adrian.baker@exxonmobil.com

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: |
|------------------------|---|
| XTO ENERGY, INC | 5380 |
| 6401 Holiday Hill Road | Action Number: |
| Midland, TX 79707 | 105567 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2205254615 PIERCE CANYON 32 BATTERY, thank you. This closure is approved. 6/14/2022 rhamlet

CONDITIONS

Action 105567

Condition Date