

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 | NAPP2323653065 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | | | |
|-------------------------|--|-------------------|-------------------|
| Responsible Party | XTO Energy | OGRID | 5380 |
| Contact Name | Garrett Green | Contact Telephone | 575-200-0729 |
| Contact email | garrett.green@exxonmobil.com | Incident # | (assigned by OCD) |
| Contact mailing address | 3104 E. Greene Street, Carlsbad, New Mexico, 88220 | | |

Location of Release Source

Latitude 32.43431

Longitude -104.05560

(NAD 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|-----------------------------|-----------|-----------------|
| Site Name | North Indian Flats 26 Fed 1 | Site Type | Production Well |
| Date Release Discovered | 08/11/2023 | API# | (if applicable) |

| | | | | |
|-------------|---------|----------|-------|--------|
| Unit Letter | Section | Township | Range | County |
| J | 35 | 21S | 28E | Eddy |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

| | | |
|--|--|---|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 17.96 | Volume Recovered (bbls) 10.00 |
| | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

A cut in the poly flowline was found to be leaking in the buried section, releasing fluids to soil during flowline removal. All free fluids were recovered. A third-party contractor has been retained for remediation purposes.

Page 2


State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NAPP2323653065 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? N/A |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? N/A | |

Initial Response

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

| | |
|--|--------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: NA | |
| 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: <u>Garrett Green</u> | Title: <u>SSHE Coordinator</u> |
| Signature: <u></u> | Date: <u>8/24/2023</u> |
| email: <u>garrett.green@exxonmobil.com</u> | Telephone: <u>575-200-0729</u> |
| <u>OCD Only</u> | |
| Received by: <u>Shelly Wells</u> | Date: <u>8/25/2023</u> |

| | | | |
|--|------------------------------------|---------|--|
| Location: | North Indian Flats 26 Fed 1 | | |
| Spill Date: | 8/11/2023 | | |
| Area 1 | | | |
| Approximate Area = | 1431.00 | sq. ft. | |
| Average Saturation (or depth) of spill = | 2.50 | inches | |
| | | | |
| Average Porosity Factor = | 0.15 | | |
| | | | |
| VOLUME OF LEAK | | | |
| Total Crude Oil = | 0.00 | bbls | |
| Total Produced Water = | 17.96 | bbls | |
| TOTAL VOLUME OF LEAK | | | |
| Total Crude Oil = | 0.00 | bbls | |
| Total Produced Water = | 17.96 | bbls | |
| TOTAL VOLUME RECOVERED | | | |
| Total Crude Oil = | 0.00 | bbls | |
| Total Produced Water = | 10.00 | 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

Action 257477

CONDITIONS

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 257477 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| scwells | None | 8/25/2023 |

State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NAPP2323653065 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

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

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

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

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

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

Page 4

State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NAPP2323653065 |
| District RP | |
| Facility ID | |
| Application ID | |

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: Tommee Lynn Lambert

Title: Environmental Manager

Signature: Tommee L Lambert

Date: Nov 09 2023

_ email: tommeel.lambert@exxonmobil.com

Telephone: 307-727-6083

OCD Only

Received by: Shelly Wells

Date: 11/9/2023

Page 5

State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NAPP2323653065 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Tommee Lambert

Title: Environmental Manager

Signature: Tommee L Lambert

Date: Nov 09 2023

email: tommee.l.lambert@exxonmobil.com

Telephone: 307-727-6083

OCD Only

Received by: Shelly Wells

Date: 11/9/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____

Date: _____

Printed Name: _____

Title: _____



November 9, 2023

New Mexico Oil Conservation Division

1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request
North Indian Flats 26 Fed 1
Incident Number NAPP2323653065
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 assessment, delineation, excavation, and soil sampling activities performed at the North Indian Flats 26 Fed 1 (Site). The purpose of the Site assessment, delineation, excavation, and soil sampling activities was to address impacts to soil resulting from a release of produced water at the Site. Based on excavation activities and laboratory analytical results from the soil sampling events, XTO is submitting this *Closure Request*, describing remedial actions that have occurred and requesting closure for Incident Number NAPP2323653065.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit J, Section 35, Township 21 South, Range 28 East, in Eddy County, New Mexico (32.43431°, -104.05560°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On August 11, 2023, while removing an inactive produced water polyline, a cut on the polyline was found and allowed 17.96 barrels (bbls) of produced water to release onto the surface of a pasture area. A vacuum truck was immediately dispatched to the Site to recover the free-standing fluids; approximately 10.00 bbls of produced water were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on August 24, 2023. The release was assigned Incident Number NAPP2323653065.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) 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.

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 nearest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (OSE) well boring CP-01171 POD3, located approximately 327 feet south of the Site. The soil boring was drilled to a depth of 115 feet bgs and was dry. There are additional soil borings nearby that were also dry, but they were not advanced as

XTO Energy, Inc
 Closure Request
 North Indian Flats 26 Fed 1



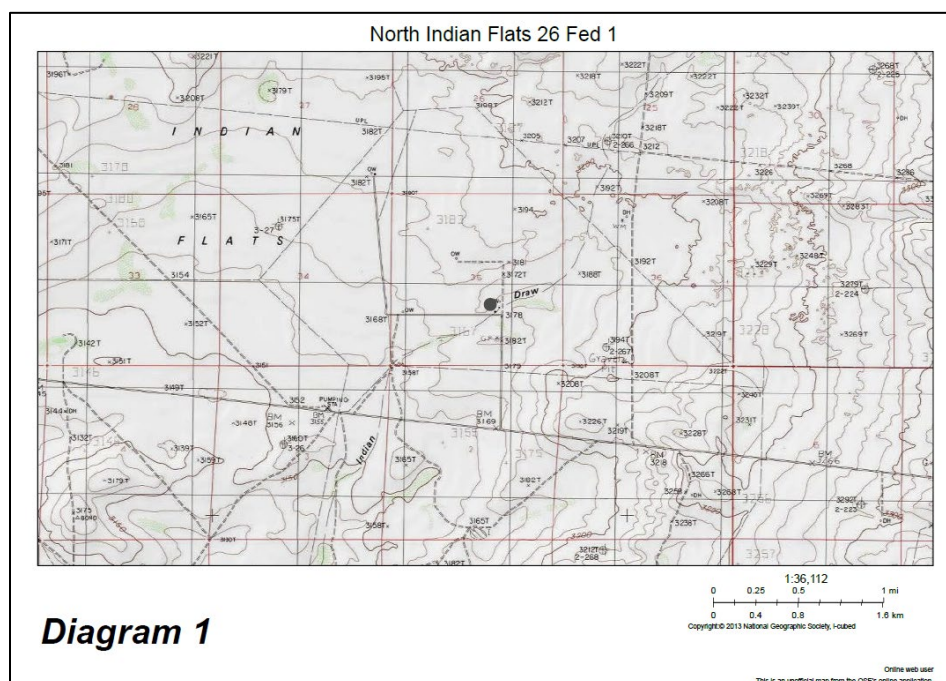
deep as 100 feet.. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well records are included in Appendix A.

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 overlying a subsurface mine. The Site is proximal to, but not within, a 100-year floodplain (Zone A, 1 % annual chance flood hazard). The Site is not underlain by unstable geology (medium potential karst designation area).

Watercourse Survey

The closest potential surface water or significant watercourse to the Site is a seasonal dry wash, located approximately 89 feet southeast of the Site. Because the watercourse appears in satellite imagery to flow through multiple access roads, pipeline right-of-ways, and the nearby facility pad (Figure 2),

Ensolum personnel conducted a field investigation to confirm the presence or absence of the significant watercourse. Field verification is sometimes necessary to measure the distance of the feature from the release extent and to confirm the feature complies with the definition of a significant watercourse per Subsection P of 19.15.17.7 NMAC. Specifically, the definition in Subsection P of 19.15.17.7 NMAC requires a defined bed and bank and either named or identified by a dashed blue line on United States Geological Survey (USGS) 7.5-minute quadrangle map or the next lower order tributary with a defined bed and bank of such watercourse.



The watercourse feature is not identified by a dashed blue line on the current USGS 7.5-minute quadrangle map. The proposed watercourse is identified as a dashed black line (Diagram 1). Additionally, no features with a defined bed or bank were observed within 300 feet of the release during ground truthing, which included a pedestrian survey of the subject watercourse. The survey provided no evidence of fluvial deposition within the watercourse, only a few erosional ruts and swales aligned with the topographic gradient that did not connect to other watercourses. Instead, the watercourses appeared to splay out onto the surface of the desert floor. Photos from the survey are presented in Figure 2.

Based on the observations presented, there are no significant watercourses located within 300 feet of the Site location per the definition of a significant watercourse in Subsection P of 19.15.17.7 NMAC. Instead, only a few faint erosional ruts and swales formed by drainage of water during storm events. The faint erosional features are intercepted by multiple access roads, pipeline right-of-ways, and the facility pad.

XTO Energy, Inc
Closure Request
North Indian Flats 26 Fed 1



Based on the results of the Site Characterization, and the absence of a significant watercourse, the following NMOCD Table I 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

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC.

SITE ASSESSMENT ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On August 31, 2023, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Seven delineation soil samples (SS01 through SS07) were collected at a depth of 0.5 feet bgs to assess the extent of the release. Soil samples SS01 through SS03 were collected within the release area and soil samples SS04 through SS07 were collected outside the release area. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 3. Photographic documentation of the Site assessment is included in Appendix B.

The 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 under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following chemicals of concern (COCs): 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. Soil samples delivered to the laboratory the same day they were collected may not have equilibrated to 6.0 degrees Celsius required for shipment and long-term storage but are considered to have been received in acceptable condition by the laboratory.

Laboratory analytical results for delineation soil samples SS01 through SS03 indicated TPH and chloride concentrations exceeded the reclamation requirement. Based on laboratory analytical results, excavation activities were warranted.

EXCAVATION SOIL SAMPLING ACTIVITIES

From September 26 to September 28, 2023, Ensolum personnel returned to the Site to oversee excavation activities. Two potholes were advanced via backhoe within the release footprint to assess the vertical extent of impacted soil. The potholes were both advanced to a depth of 4 feet bgs. Discrete soil samples were collected at depths ranging from 1-foot to 4 feet bgs and field screened for VOCs and

XTO Energy, Inc
Closure Request
North Indian Flats 26 Fed 1



chloride as described above. Based on potholing field screening results, impacted soil was present from ground surface to 4 feet bgs.

Impacted soil was excavated from the release area as indicated by delineation field screening results and laboratory analytical results. Excavation activities were performed utilizing heavy equipment and transport vehicles. The excavation occurred in a previously disturbed pasture area, just north of the facility pad. To direct excavation activities, soil was field screened as described above. The excavation was completed to a depth of 4 feet bgs. Photographic documentation of the excavation activities is included in Appendix B.

Following removal of the impacted soil, 5-point composite soil samples were collected at least every 200 square feet from the sidewalls and floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples SW01 through SW04 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 4 feet bgs. Composite soil samples FS01 through FS09 were collected from the floor of the excavation at a depth of 4 feet bgs. The soil samples were collected and handled following the same procedures as described above and analyzed for the same COCs as described above. The excavation extent and excavation soil sample locations are presented on Figure 4.

The excavation area measured approximately 1,702 square feet. A total of approximately 265 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Landfill Facility located in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the lateral delineation soil samples and all confirmation soil samples collected from the final excavation extent were compliant with the Closure Criteria. Confirmation samples collected above four feet bgs were compliant with the reclamation requirement. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included as Appendix C. All NMOCD correspondence is provided in Appendix D.

CLOSURE REQUEST

Site assessment, delineation, and excavation activities were conducted at the Site to address the August 2023 release of produced water. Laboratory analytical results for all confirmation soil samples collected from the final excavation extent indicated all COC concentrations were compliant with the Site Closure Criteria and samples representing the top four feet of the excavation were compliant with the reclamation requirement. This includes sidewall soil samples SW01 through SW04, which confirms the edge of the release extent has been fully defined. Based on the soil sample analytical results, no further remediation was required. XTO will backfill the excavation with material purchased locally and recontour the Site to match pre-existing Site conditions. The pasture area affected by the release will be reseeded with an approved BLM seed mixture.

Excavation of impacted soil has mitigated impacts at this Site. Depth to groundwater has been estimated to be greater than 100 feet bgs and no other sensitive receptors were identified near the release extent. XTO believes these remedial actions are protective of human health, the environment, and groundwater. As such, XTO respectfully requests closure for Incident Number NAPP2323653065.

If you have any questions or comments, please contact Mr. Benjamin Belill at (989) 854-0852 or bbelill@ensolum.com.

XTO Energy, Inc
Closure Request
North Indian Flats 26 Fed 1



Sincerely,
Ensolum, LLC

A handwritten signature in black ink, appearing to read "Ben J. Belill".

Benjamin J. Belill
Project Geologist

A handwritten signature in black ink, appearing to read "Ashley L. Ager".

Ashley L. Ager, MS, PG
Principal

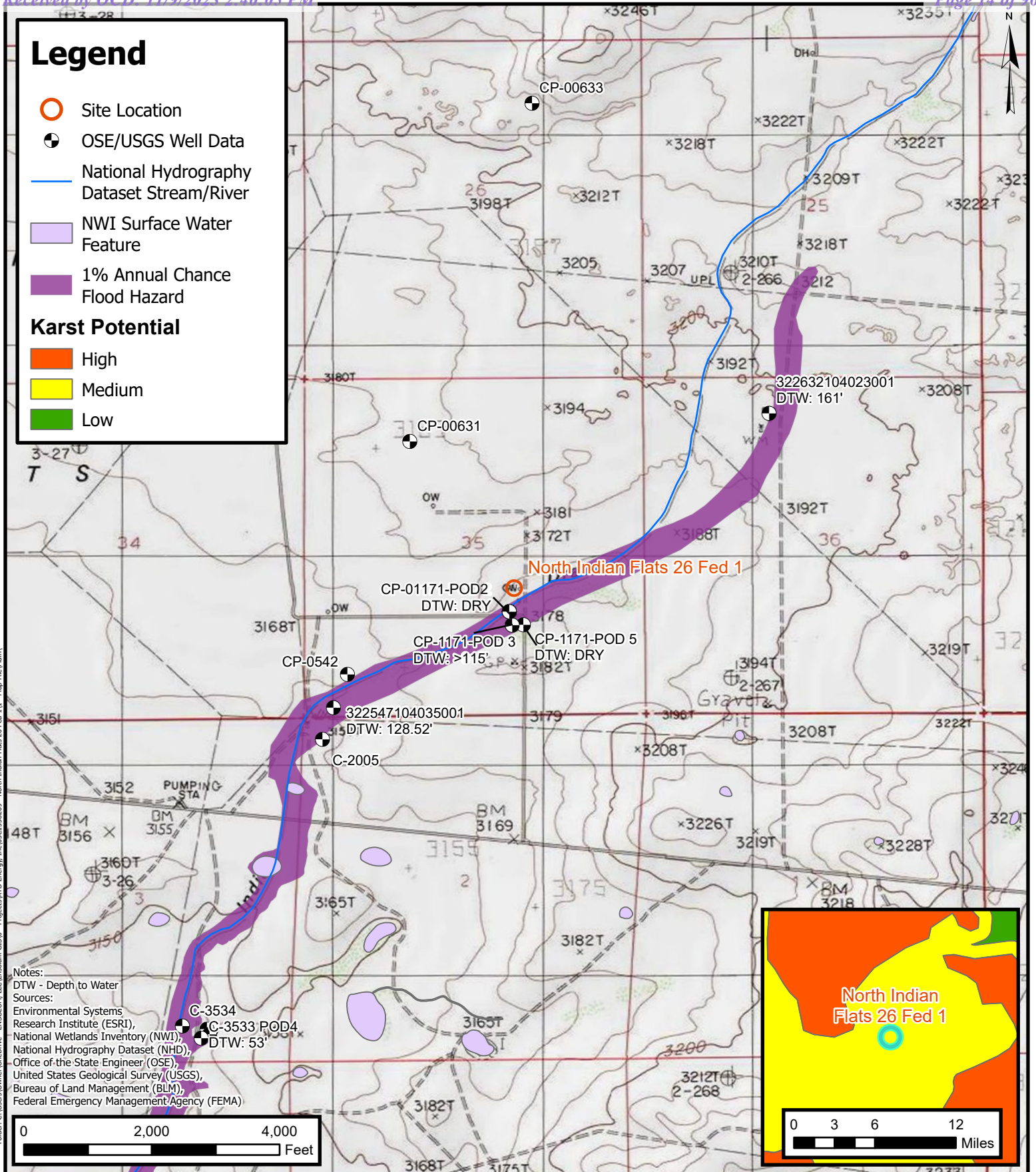
cc: Garrett Green, XTO
Tommee Lambert, XTO
BLM

Appendices:

| | |
|------------|--|
| Figure 1 | Site Receptor Map |
| Figure 2 | Watercourse Survey Map |
| Figure 3 | Delineation Soil Sample Locations |
| Figure 4 | Excavation Soil Sample Locations |
| Table 1 | Soil Sample Analytical Results |
| Appendix A | Referenced Well Records |
| Appendix B | Photographic Log |
| Appendix C | Laboratory Analytical Reports & Chain-of-Custody Documentation |
| Appendix D | NMOCD Correspondence |



FIGURES



Site Receptor Map

XTO Energy, Inc
 North Indian Flats 26 Fed 1
 Incident Number: NAPP2323653065
 Unit J, Sec 35, T21S, R28E
 Eddy County, New Mexico

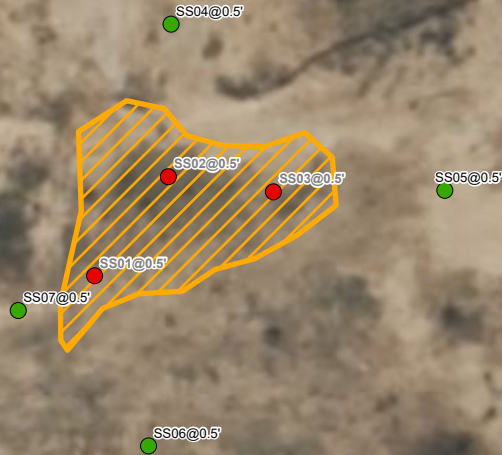
FIGURE

1

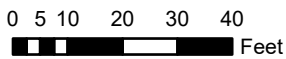


Legend

- Delineation Soil Samples in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Exceeding Closure Criteria
- Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.
 Grey text indicate soil sample was removed during excavation activities.



Sources: Environmental Systems Research Institute (ESRI)



Delineation Soil Sample Locations

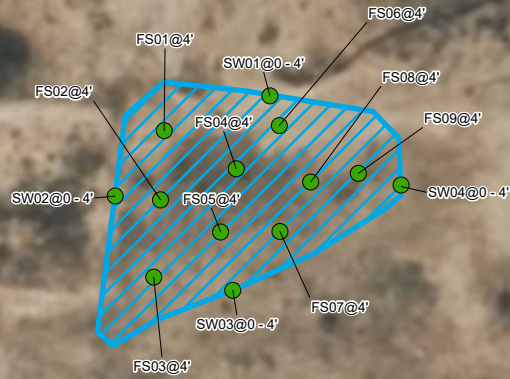
XTO Energy, Inc
 North Indian Flats 26 Fed 1
 Incident Number: NAPP2323653065
 Unit J, Sec 35, T21S, R28E
 Eddy County, New Mexico

FIGURE

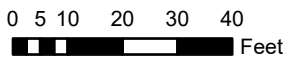
3

Legend

- Confirmation Soil Samples in Compliance with Closure Criteria
- ▨ Excavation Extent



Notes:
Sample ID @ Depth Below Ground Surface.



Sources: Environmental Systems Research Institute (ESRI)



Excavation Soil Sample Locations

XTO Energy, Inc
North Indian Flats 26 Fed 1
Incident Number: NAPP2323653065
Unit J, Sec 35, T21S, R28E
Eddy County, New Mexico

FIGURE

4



TABLES



| TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS North Indian Flats 26 Fed 1 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 I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| SS01* | 08/31/2023 | 0.5 | <0.00202 | <0.00403 | <50.5 | 618 | <50.5 | 618 | 618 | 8,520 |
| SS02* | 08/31/2023 | 0.5 | <0.00199 | <0.00398 | <50.3 | 13,300 | <50.3 | 13,300 | 13,300 | 7,770 |
| SS03* | 08/31/2023 | 0.5 | <0.00198 | <0.00396 | <50.1 | 2,540 | 141 | 2,540 | 2,680 | 8,930 |
| SS04* | 08/31/2023 | 0.5 | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 179 |
| SS05* | 08/31/2023 | 0.5 | <0.00200 | <0.00400 | <49.9 | 85.1 | <49.9 | 85.1 | 85.1 | 61.5 |
| SS06* | 08/31/2023 | 0.5 | <0.00201 | <0.00402 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 54.4 |
| SS07* | 08/31/2023 | 0.5 | <0.00202 | <0.00404 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 208 |
| Confirmation Soil Samples | | | | | | | | | | |
| FS01 | 09/28/2023 | 4 | <0.00199 | <0.00398 | <49.8 | 60.5 | <49.8 | 60.5 | 60.5 | 508 |
| FS02 | 09/28/2023 | 4 | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 444 |
| FS03 | 09/28/2023 | 4 | <0.00201 | <0.00402 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 1,470 |
| FS04 | 09/28/2023 | 4 | <0.00200 | <0.00401 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 745 |
| FS05 | 09/28/2023 | 4 | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 747 |
| FS06 | 09/28/2023 | 4 | <0.00198 | <0.00396 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 891 |
| FS07 | 09/28/2023 | 4 | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 842 |
| FS08 | 09/28/2023 | 4 | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 1,280 |
| FS09 | 09/28/2023 | 4 | <0.00200 | <0.00401 | <50.1 | 53.1 | <50.1 | 53.1 | 53.1 | 1,530 |
| SW01* | 09/28/2023 | 0 - 4 | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 37.4 |
| SW02* | 09/28/2023 | 0 - 4 | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 91 |
| SW03* | 09/28/2023 | 0 - 4 | <0.00200 | <0.00401 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 98.7 |
| SW04* | 09/28/2023 | 0 - 4 | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 95.3 |

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
NMOCD: New Mexico Oil Conservation Division
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable.
Soil samples indicating an * symbol indicate soil sample required to be compliant with reclamation requirement.

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMAC: New Mexico Administrative Code
Grey text indicates soil sample removed during excavation activities



APPENDIX A

Referenced Well Records

**WELL RECORD & LOG****OFFICE OF THE STATE ENGINEER****www.ose.state.nm.us****STATE ENGINEER OFFICE**
ROSWELL, NEW MEXICO

2013 JUN 10 P 1:20

| | | | | | | | | | |
|---|---|------------------------|---|---|------------------------------------|------------------------------------|---|--|---|
| 1. GENERAL AND WELL LOCATION | OSE POD NUMBER (WELL NUMBER) (POD3) INDIAN FLATS BASS FED SWD SB-10 | | | | OSE FILE NUMBER(S) CP 01171 | | | | |
| | WELL OWNER NAME(S) BOPCO OPERATING CO | | | | PHONE (OPTIONAL) | | | | |
| | WELL OWNER MAILING ADDRESS 6 DESTA DRIVE, SUITE 3700, P.O. BOX 2760 | | | | CITY MIDLAND | | STATE TX | ZIP 79702 | |
| | WELL LOCATION (FROM GPS) | DEGREES LATITUDE 32 | | MINUTES 26 | SECONDS 01 | N | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | | |
| | | LONGITUDE 104 | | 03 | 19 | W | * DATUM REQUIRED: WGS 84 | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE 62/140 & MM 43 GO 4.3 MI VEER L & GO E 1.2 MI TURN L GO N TURN INTO SITE. SEC 35, TWP 21S, RANGE 28 E. | | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NUMBER WD1478 | | NAME OF LICENSED DRILLER MARTIN STRAUB | | | | NAME OF WELL DRILLING COMPANY STRAUB CORPORATION | | |
| | DRILLING STARTED 5-31-13 | | DRILLING ENDED 5-31-13 | | DEPTH OF COMPLETED WELL (FT) 0' | | BORE HOLE DEPTH (FT) 115' | | DEPTH WATER FIRST ENCOUNTERED (FT) N/A |
| | COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED) | | | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A | |
| | DRILLING FLUID: <input checked="" type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY: | | | | | | | | |
| | DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY: | | | | | | | | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) | |
| | FROM | TO | | | | | | | |
| | 0 | 115' | 5" | N/A | N/A | N/A | N/A | N/A | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | | | |
| | FROM | TO | | | | | | | |
| | 0 | 2' | 5" | .5 OF CONCRETE | | TOPLOAD | | | |
| | 2' | 115' | 5" | 30 BAGS OF 3/8 HOLEPLUG | | TOPLOAD | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

| | | | | | |
|-------------|------------------------|------------|---|------------|-------------|
| FILE NUMBER | CP-1171 | POD NUMBER | 3 | TRN NUMBER | 527952 |
| LOCATION | Exp 215. 28E. 35. 41 | | | | PAGE 1 OF 2 |

| | DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm) |
|---|---|---|---------------------|--|---|--|
| | FROM | TO | | | | |
| 4. HYDROGEOLOGIC LOG OF WELL | 0 | 8' | 8' | TAN FINE SAND - CALICHE - CEMENT SANDSTONE | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | N/A |
| | 8' | 13' | 5' | TAN FINE SAND - CEMENT SANDSTONE | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | N/A |
| | 13' | 52' | 39' | RED FINE SAND - SANDSTONE - P GRAVEL (LAYERS) | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | N/A |
| | 52' | 63' | 11' | RED SILTY SAND SILTY CLAY | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | N/A |
| | 63' | 86' | 23' | RED SILTY SAND - SILTY SANDSTONE - P GRAVEL | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | N/A |
| | 86' | 108' | 22' | TAN FINE SAND - SANDSTONE (SILICEOUS) | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | N/A |
| | 108' | 115' | 7' | RED AND TAN FINE SAND (LAYERS) SANDSTONE | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | N/A |
| | TD | 115' | | | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | | | | | <input type="radio"/> Y <input type="radio"/> N | |
| | METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP | | | | | TOTAL ESTIMATED WELL YIELD (gpm): |
| <input type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY: | | | | | | |
| 5. TEST; RIG SUPERVISION | WELL TEST | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. | | | | |
| | MISCELLANEOUS INFORMATION: | | | | | |
| | SOIL BORING ONLY - SOIL BORING WAS PLUGGED AND ABANDONED UPON COMPLETION OF SAMPLING. EDDY COUNTY, NM. EDWARD BRYAN (DRILLING RIG SUPERVISOR) | | | | | |
| PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: | | | | | | |
| 6. SIGNATURE | THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING: | | | | | |
| | <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> SIGNATURE OF DRILLER / PRINT SIGNED NAME </div> <div style="text-align: center;"> 6-6-13 DATE </div> </div> | | | | | |

| | | | |
|----------------------|------------|--|-------------|
| FOR USE INTERNAL USE | | WR-20 WELL RECORD & LOG (Version 06/08/2012) | |
| FILE NUMBER | POD NUMBER | TRN NUMBER | |
| LOCATION | | | PAGE 2 OF 2 |



APPENDIX B

Photographic Log

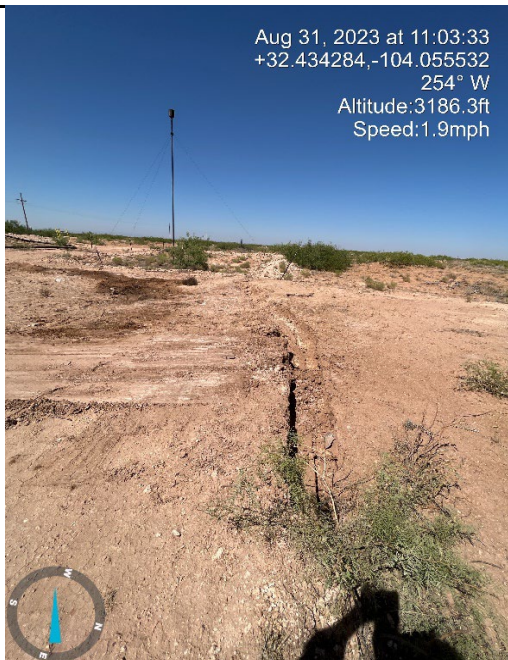


Photographic Log

XTO Energy, Inc

North Indian Flats 26 Fed 1

Incident Number NAPP2323653065



Aug 31, 2023 at 11:03:33
+32.434284,-104.055532
254° W
Altitude: 3186.3ft
Speed: 1.9mph



Aug 31, 2023 at 11:03:24
+32.434220,-104.055608
259° W
Altitude: 3186.7ft
Speed: 1.9mph

Photograph 1 Date: 8/31/2023
Description: Removed polyline near release point.
View: West

Photograph 2 Date: 8/31/2023
Description: Site assessment activities, release extent.
View: West



Date & Time: Thu, Sep 28, 2023 at 09:58:03 MDT
Position: +032.315212° / -104.220771° (+16759.7ft)
Altitude: 3182ft (+8.6ft)
Datum: WGS-84
Azimuth Bearing: 023° N205.0609mils True (+21°)
Elevation Angle: -12.4°
Roll/Angle: -01.9°
Zoom: 1.0X
North Indian Flats 26 Fed 1, excavation



Date & Time: Thu, Sep 28, 2023 at 09:58:54 MDT
Position: +032.315212° / -104.220771° (+16759.7ft)
Altitude: 3182ft (+8.6ft)
Datum: WGS-84
Azimuth Bearing: 267° S6735.6391mils True (+21°)
Elevation Angle: -11.5°
Roll/Angle: -00.8°
Zoom: 1.0X
North Indian Flats 26 Fed 1, excavation

Photograph 3 Date: 9/28/2023
Description: Final excavation extent.
View: Northeast

Photograph 4 Date: 9/28/2023
Description: Final excavation extent.
View: Southwest



APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Belill
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701
Generated 9/6/2023 9:33:51 AM

JOB DESCRIPTION

North Indian Flats 26 Fed 1
SDG NUMBER 03C1558269

JOB NUMBER

890-5188-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
9/6/2023 9:33:51 AM

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

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Laboratory Job ID: 890-5188-1
SDG: 03C1558269

Table of Contents

| | |
|----------------------------------|----|
| Cover Page | 1 |
| Table of Contents | 3 |
| Definitions/Glossary | 4 |
| Case Narrative | 5 |
| Client Sample Results | 6 |
| Surrogate Summary | 12 |
| QC Sample Results | 13 |
| QC Association Summary | 17 |
| Lab Chronicle | 20 |
| Certification Summary | 23 |
| Method Summary | 24 |
| Sample Summary | 25 |
| Chain of Custody | 26 |
| Receipt Checklists | 27 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

Qualifiers

GC VOA

| Qualifier | Qualifier Description |
|-----------|--|
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| 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

| Qualifier | Qualifier Description |
|-----------|--|
| U | Indicates the analyte was analyzed for but not detected. |

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 |
| 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) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

Job ID: 890-5188-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-5188-1

Receipt

The samples were received on 9/1/2023 8:11 AM. 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 3.8°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS01 (890-5188-1), SS02 (890-5188-2), SS03 (890-5188-3), SS04 (890-5188-4), SS05 (890-5188-5), SS06 (890-5188-6) and SS07 (890-5188-7).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS02 (890-5188-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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: The surrogate recovery for the blank associated with preparation batch 880-61797 and analytical batch 880-61786 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS01 (890-5188-1), SS02 (890-5188-2), SS03 (890-5188-3), SS04 (890-5188-4), SS05 (890-5188-5), SS06 (890-5188-6), SS07 (890-5188-7) and (890-5188-A-4-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-61786/20), (CCV 880-61786/31) and (CCV 880-61786/5). 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.

Client Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS01

Lab Sample ID: 890-5188-1

Date Collected: 08/31/23 11:10

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 12:39 | 1 |
| Toluene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 12:39 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 12:39 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | mg/Kg | | 09/05/23 09:19 | 09/05/23 12:39 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 12:39 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | mg/Kg | | 09/05/23 09:19 | 09/05/23 12:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 12:39 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 12:39 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00403 | U | 0.00403 | mg/Kg | | | 09/05/23 17:36 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | 618 | | 50.5 | mg/Kg | | | 09/06/23 09:47 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 12:52 | 1 |
| Diesel Range Organics (Over C10-C28) | 618 | | 50.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 12:52 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 12:52 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 129 | | 70 - 130 | 09/05/23 09:43 | 09/05/23 12:52 | 1 |
| o-Terphenyl | 139 | S1+ | 70 - 130 | 09/05/23 09:43 | 09/05/23 12:52 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 8520 | | 49.7 | mg/Kg | | | 09/05/23 18:53 | 10 |

Client Sample ID: SS02

Lab Sample ID: 890-5188-2

Date Collected: 08/31/23 11:15

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:00 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:00 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:00 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:00 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:00 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:00 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 164 | S1+ | 70 - 130 | 09/05/23 09:19 | 09/05/23 13:00 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS02

Lab Sample ID: 890-5188-2

Date Collected: 08/31/23 11:15

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 86 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 13:00 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 09/05/23 17:36 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|-----|-------|---|----------|----------------|---------|
| Total TPH | 13300 | | 503 | mg/Kg | | | 09/06/23 09:47 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <503 | U | 503 | mg/Kg | | 09/05/23 09:43 | 09/05/23 20:41 | 10 |
| Diesel Range Organics (Over C10-C28) | 13300 | | 503 | mg/Kg | | 09/05/23 09:43 | 09/05/23 20:41 | 10 |
| Oil Range Organics (Over C28-C36) | <503 | U | 503 | mg/Kg | | 09/05/23 09:43 | 09/05/23 20:41 | 10 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 165 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 20:41 | 10 |
| o-Terphenyl | 215 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 20:41 | 10 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 7770 | | 49.8 | mg/Kg | | | 09/05/23 19:00 | 10 |

Client Sample ID: SS03

Lab Sample ID: 890-5188-3

Date Collected: 08/31/23 11:20

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |
| Toluene | <0.00198 | U | 0.00198 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 74 | | 70 - 130 | | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | | | 09/05/23 09:19 | 09/05/23 13:21 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | mg/Kg | | | 09/05/23 17:36 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | 2680 | | 50.1 | mg/Kg | | | 09/06/23 09:47 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS03

Lab Sample ID: 890-5188-3

Date Collected: 08/31/23 11:20

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | mg/Kg | | 09/05/23 09:43 | 09/05/23 13:37 | 1 |
| Diesel Range Organics (Over C10-C28) | 2540 | | 50.1 | mg/Kg | | 09/05/23 09:43 | 09/05/23 13:37 | 1 |
| Oil Range Organics (Over C28-C36) | 141 | | 50.1 | mg/Kg | | 09/05/23 09:43 | 09/05/23 13:37 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 149 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 13:37 | 1 |
| o-Terphenyl | 154 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 13:37 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 8930 | | 50.2 | mg/Kg | | | 09/05/23 19:07 | 10 |

Client Sample ID: SS04

Lab Sample ID: 890-5188-4

Date Collected: 08/31/23 11:25

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |
| 1,4-Difluorobenzene (Surr) | 108 | | 70 - 130 | | | 09/05/23 09:19 | 09/05/23 13:41 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 09/05/23 17:36 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.5 | U | 50.5 | mg/Kg | | | 09/06/23 09:47 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 11:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 11:45 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 11:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 141 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 11:45 | 1 |
| o-Terphenyl | 156 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 11:45 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
 Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
 SDG: 03C1558269

Client Sample ID: SS04

Lab Sample ID: 890-5188-4

Date Collected: 08/31/23 11:25

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 179 | | 25.2 | mg/Kg | | | 09/05/23 19:13 | 5 |

Client Sample ID: SS05

Lab Sample ID: 890-5188-5

Date Collected: 08/31/23 11:35

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 87 | | 70 - 130 | | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 | | | 09/05/23 09:19 | 09/05/23 14:02 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U | 0.00400 | mg/Kg | | | 09/05/23 17:36 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | 85.1 | | 49.9 | mg/Kg | | | 09/06/23 09:47 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | mg/Kg | | 09/05/23 09:43 | 09/05/23 13:59 | 1 |
| Diesel Range Organics (Over C10-C28) | 85.1 | | 49.9 | mg/Kg | | 09/05/23 09:43 | 09/05/23 13:59 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | mg/Kg | | 09/05/23 09:43 | 09/05/23 13:59 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 140 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 13:59 | 1 |
| o-Terphenyl | 153 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 13:59 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 61.5 | | 5.04 | mg/Kg | | | 09/05/23 19:20 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS06

Lab Sample ID: 890-5188-6

Date Collected: 08/31/23 11:40

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:23 | 1 |
| Toluene | <0.00201 | U | 0.00201 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:23 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:23 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:23 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:23 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 92 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 14:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 14:23 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 09/05/23 17:36 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | mg/Kg | | | 09/06/23 09:47 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | mg/Kg | | 09/05/23 09:43 | 09/05/23 14:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | mg/Kg | | 09/05/23 09:43 | 09/05/23 14:21 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | mg/Kg | | 09/05/23 09:43 | 09/05/23 14:21 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 132 | S1+ | 70 - 130 | 09/05/23 09:43 | 09/05/23 14:21 | 1 |
| o-Terphenyl | 141 | S1+ | 70 - 130 | 09/05/23 09:43 | 09/05/23 14:21 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 54.4 | | 5.00 | mg/Kg | | | 09/05/23 19:27 | 1 |

Client Sample ID: SS07

Lab Sample ID: 890-5188-7

Date Collected: 08/31/23 11:30

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:43 | 1 |
| Toluene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:43 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:43 | 1 |
| m-Xylene & p-Xylene | <0.00404 | U | 0.00404 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:43 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:43 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | mg/Kg | | 09/05/23 09:19 | 09/05/23 14:43 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 84 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 14:43 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS07

Lab Sample ID: 890-5188-7

Date Collected: 08/31/23 11:30

Matrix: Solid

Date Received: 09/01/23 08:11

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 106 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 14:43 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U | 0.00404 | mg/Kg | | | 09/05/23 17:36 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.5 | U | 49.5 | mg/Kg | | | 09/06/23 09:47 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 14:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 14:43 | 1 |
| Oil Range Organics (Over C28-C36) | <49.5 | U | 49.5 | mg/Kg | | 09/05/23 09:43 | 09/05/23 14:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 143 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 14:43 | 1 |
| o-Terphenyl | 153 | S1+ | 70 - 130 | | | 09/05/23 09:43 | 09/05/23 14:43 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 208 | | 25.0 | mg/Kg | | | 09/05/23 19:33 | 5 |

Eurofins Carlsbad

Surrogate Summary

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|-----------------------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-32807-A-1-B MS | Matrix Spike | 94 | 104 |
| 880-32807-A-1-C MSD | Matrix Spike Duplicate | 103 | 101 |
| 890-5188-1 | SS01 | 90 | 101 |
| 890-5188-2 | SS02 | 164 S1+ | 86 |
| 890-5188-3 | SS03 | 74 | 78 |
| 890-5188-4 | SS04 | 93 | 108 |
| 890-5188-5 | SS05 | 87 | 105 |
| 890-5188-6 | SS06 | 92 | 101 |
| 890-5188-7 | SS07 | 84 | 106 |
| LCS 880-61792/1-A | Lab Control Sample | 109 | 100 |
| LCSD 880-61792/2-A | Lab Control Sample Dup | 94 | 96 |
| MB 880-61792/5-A | Method Blank | 82 | 89 |
| Surrogate Legend | | | |
| BFB = 4-Bromofluorobenzene (Surr) | | | |
| DFBZ = 1,4-Difluorobenzene (Surr) | | | |

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

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|-------------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 890-5188-1 | SS01 | 129 | 139 S1+ |
| 890-5188-2 | SS02 | 165 S1+ | 215 S1+ |
| 890-5188-3 | SS03 | 149 S1+ | 154 S1+ |
| 890-5188-4 | SS04 | 141 S1+ | 156 S1+ |
| 890-5188-4 MS | SS04 | 127 | 129 |
| 890-5188-4 MSD | SS04 | 145 S1+ | 141 S1+ |
| 890-5188-5 | SS05 | 140 S1+ | 153 S1+ |
| 890-5188-6 | SS06 | 132 S1+ | 141 S1+ |
| 890-5188-7 | SS07 | 143 S1+ | 153 S1+ |
| LCS 880-61797/2-A | Lab Control Sample | 93 | 109 |
| LCSD 880-61797/3-A | Lab Control Sample Dup | 85 | 97 |
| MB 880-61797/1-A | Method Blank | 132 S1+ | 151 S1+ |
| Surrogate Legend | | | |
| 1CO = 1-Chlorooctane | | | |
| OTPH = o-Terphenyl | | | |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-61792/5-A

Matrix: Solid

Analysis Batch: 61790

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61792

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|--------------|-----------------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 11:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 11:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 11:36 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 09/05/23 09:19 | 09/05/23 11:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 09/05/23 09:19 | 09/05/23 11:36 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 09/05/23 09:19 | 09/05/23 11:36 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 82 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 11:36 | 1 |
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 | 09/05/23 09:19 | 09/05/23 11:36 | 1 |

Lab Sample ID: LCS 880-61792/1-A

Matrix: Solid

Analysis Batch: 61790

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61792

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|----------------|---------------|------------------|-------|---|------|----------------|
| Benzene | 0.100 | 0.07257 | | mg/Kg | | 73 | 70 - 130 |
| Toluene | 0.100 | 0.08360 | | mg/Kg | | 84 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09101 | | mg/Kg | | 91 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1929 | | mg/Kg | | 96 | 70 - 130 |
| o-Xylene | 0.100 | 0.09226 | | mg/Kg | | 92 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

Lab Sample ID: LCSD 880-61792/2-A

Matrix: Solid

Analysis Batch: 61790

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61792

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| Benzene | 0.100 | 0.07131 | | mg/Kg | | 71 | 70 - 130 | 2 | 35 |
| Toluene | 0.100 | 0.07437 | | mg/Kg | | 74 | 70 - 130 | 12 | 35 |
| Ethylbenzene | 0.100 | 0.07582 | | mg/Kg | | 76 | 70 - 130 | 18 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1548 | | mg/Kg | | 77 | 70 - 130 | 22 | 35 |
| o-Xylene | 0.100 | 0.07453 | | mg/Kg | | 75 | 70 - 130 | 21 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|-------------------|-------------------|----------|
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 |

Lab Sample ID: 880-32807-A-1-B MS

Matrix: Solid

Analysis Batch: 61790

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 61792

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Benzene | <0.00199 | U | 0.0996 | 0.07683 | | mg/Kg | | 77 | 70 - 130 |
| Toluene | <0.00199 | U | 0.0996 | 0.07608 | | mg/Kg | | 76 | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

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

Lab Sample ID: 880-32807-A-1-B MS

Matrix: Solid

Analysis Batch: 61790

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 61792

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Ethylbenzene | <0.00199 | U | 0.0996 | 0.07529 | | mg/Kg | | 76 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.199 | 0.1509 | | mg/Kg | | 76 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.0996 | 0.07090 | | mg/Kg | | 71 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 94 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 |

Lab Sample ID: 880-32807-A-1-C MSD

Matrix: Solid

Analysis Batch: 61790

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 61792

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene | <0.00199 | U | 0.100 | 0.08037 | | mg/Kg | | 80 | 70 - 130 | 5 | 35 |
| Toluene | <0.00199 | U | 0.100 | 0.08412 | | mg/Kg | | 84 | 70 - 130 | 10 | 35 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.08422 | | mg/Kg | | 84 | 70 - 130 | 11 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1706 | | mg/Kg | | 85 | 70 - 130 | 12 | 35 |
| o-Xylene | <0.00199 | U | 0.100 | 0.08032 | | mg/Kg | | 80 | 70 - 130 | 12 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

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

Lab Sample ID: MB 880-61797/1-A

Matrix: Solid

Analysis Batch: 61786

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 61797

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|--------------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 09/05/23 07:40 | 09/05/23 08:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 09/05/23 07:40 | 09/05/23 08:20 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 09/05/23 07:40 | 09/05/23 08:20 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|--------------|--------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 132 | S1+ | 70 - 130 | 09/05/23 07:40 | 09/05/23 08:20 | 1 |
| o-Terphenyl | 151 | S1+ | 70 - 130 | 09/05/23 07:40 | 09/05/23 08:20 | 1 |

Lab Sample ID: LCS 880-61797/2-A

Matrix: Solid

Analysis Batch: 61786

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61797

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 973.8 | | mg/Kg | | 97 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 967.7 | | mg/Kg | | 97 | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

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

Lab Sample ID: LCS 880-61797/2-A

Matrix: Solid

Analysis Batch: 61786

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 61797

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 93 | | 70 - 130 |
| o-Terphenyl | 109 | | 70 - 130 |

Lab Sample ID: LCSD 880-61797/3-A

Matrix: Solid

Analysis Batch: 61786

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 61797

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 831.1 | | mg/Kg | | 83 | 70 - 130 | 16 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 822.5 | | mg/Kg | | 82 | 70 - 130 | 16 | 20 |

| | LCSD | LCSD | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 85 | | 70 - 130 |
| o-Terphenyl | 97 | | 70 - 130 |

Lab Sample ID: 890-5188-4 MS

Matrix: Solid

Analysis Batch: 61786

Client Sample ID: SS04

Prep Type: Total/NA

Prep Batch: 61797

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 998 | 924.8 | | mg/Kg | | 88 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 998 | 1076 | | mg/Kg | | 104 | 70 - 130 | | |

| | MS | MS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 127 | | 70 - 130 |
| o-Terphenyl | 129 | | 70 - 130 |

Lab Sample ID: 890-5188-4 MSD

Matrix: Solid

Analysis Batch: 61786

Client Sample ID: SS04

Prep Type: Total/NA

Prep Batch: 61797

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 998 | 1082 | | mg/Kg | | 104 | 70 - 130 | 16 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 998 | 1220 | | mg/Kg | | 119 | 70 - 130 | 12 | 20 |

| | MSD | MSD | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 145 | S1+ | 70 - 130 |
| o-Terphenyl | 141 | S1+ | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-61798/1-A

Matrix: Solid

Analysis Batch: 61847

Client Sample ID: Method Blank

Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------------|-----------------|------|-------|---|----------|----------------|---------|
| Chloride | <5.00 | U | 5.00 | mg/Kg | | | 09/05/23 16:14 | 1 |

Lab Sample ID: LCS 880-61798/2-A

Matrix: Solid

Analysis Batch: 61847

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|----------------|---------------|------------------|-------|---|------|----------------|
| Chloride | 250 | 245.1 | | mg/Kg | | 98 | 90 - 110 |

Lab Sample ID: LCSD 880-61798/3-A

Matrix: Solid

Analysis Batch: 61847

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 250 | 239.0 | | mg/Kg | | 96 | 90 - 110 | 3 | 20 |

Lab Sample ID: 880-32585-A-8-B MS

Matrix: Solid

Analysis Batch: 61847

Client Sample ID: Matrix Spike

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Chloride | 3940 | | 1260 | 5242 | | mg/Kg | | 103 | 90 - 110 |

Lab Sample ID: 880-32585-A-8-C MSD

Matrix: Solid

Analysis Batch: 61847

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 3940 | | 1260 | 5245 | | mg/Kg | | 103 | 90 - 110 | 0 | 20 |

Lab Sample ID: 880-32797-A-5-C MS

Matrix: Solid

Analysis Batch: 61847

Client Sample ID: Matrix Spike

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Chloride | 33.8 | | 250 | 293.9 | | mg/Kg | | 104 | 90 - 110 |

Lab Sample ID: 880-32797-A-5-D MSD

Matrix: Solid

Analysis Batch: 61847

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 33.8 | | 250 | 293.6 | | mg/Kg | | 104 | 90 - 110 | 0 | 20 |

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
 Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
 SDG: 03C1558269

GC VOA

Analysis Batch: 61790

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-5188-1 | SS01 | Total/NA | Solid | 8021B | 61792 |
| 890-5188-2 | SS02 | Total/NA | Solid | 8021B | 61792 |
| 890-5188-3 | SS03 | Total/NA | Solid | 8021B | 61792 |
| 890-5188-4 | SS04 | Total/NA | Solid | 8021B | 61792 |
| 890-5188-5 | SS05 | Total/NA | Solid | 8021B | 61792 |
| 890-5188-6 | SS06 | Total/NA | Solid | 8021B | 61792 |
| 890-5188-7 | SS07 | Total/NA | Solid | 8021B | 61792 |
| MB 880-61792/5-A | Method Blank | Total/NA | Solid | 8021B | 61792 |
| LCS 880-61792/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 61792 |
| LCSD 880-61792/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 61792 |
| 880-32807-A-1-B MS | Matrix Spike | Total/NA | Solid | 8021B | 61792 |
| 880-32807-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 61792 |

Prep Batch: 61792

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-5188-1 | SS01 | Total/NA | Solid | 5035 | |
| 890-5188-2 | SS02 | Total/NA | Solid | 5035 | |
| 890-5188-3 | SS03 | Total/NA | Solid | 5035 | |
| 890-5188-4 | SS04 | Total/NA | Solid | 5035 | |
| 890-5188-5 | SS05 | Total/NA | Solid | 5035 | |
| 890-5188-6 | SS06 | Total/NA | Solid | 5035 | |
| 890-5188-7 | SS07 | Total/NA | Solid | 5035 | |
| MB 880-61792/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-61792/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-61792/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-32807-A-1-B MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-32807-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 61878

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-5188-1 | SS01 | Total/NA | Solid | Total BTEX | |
| 890-5188-2 | SS02 | Total/NA | Solid | Total BTEX | |
| 890-5188-3 | SS03 | Total/NA | Solid | Total BTEX | |
| 890-5188-4 | SS04 | Total/NA | Solid | Total BTEX | |
| 890-5188-5 | SS05 | Total/NA | Solid | Total BTEX | |
| 890-5188-6 | SS06 | Total/NA | Solid | Total BTEX | |
| 890-5188-7 | SS07 | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Analysis Batch: 61786

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 890-5188-1 | SS01 | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-2 | SS02 | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-3 | SS03 | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-4 | SS04 | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-5 | SS05 | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-6 | SS06 | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-7 | SS07 | Total/NA | Solid | 8015B NM | 61797 |
| MB 880-61797/1-A | Method Blank | Total/NA | Solid | 8015B NM | 61797 |
| LCS 880-61797/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 61797 |

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1Job ID: 890-5188-1
SDG: 03C1558269

GC Semi VOA (Continued)

Analysis Batch: 61786 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| LCSD 880-61797/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-4 MS | SS04 | Total/NA | Solid | 8015B NM | 61797 |
| 890-5188-4 MSD | SS04 | Total/NA | Solid | 8015B NM | 61797 |

Prep Batch: 61797

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 890-5188-1 | SS01 | Total/NA | Solid | 8015NM Prep | |
| 890-5188-2 | SS02 | Total/NA | Solid | 8015NM Prep | |
| 890-5188-3 | SS03 | Total/NA | Solid | 8015NM Prep | |
| 890-5188-4 | SS04 | Total/NA | Solid | 8015NM Prep | |
| 890-5188-5 | SS05 | Total/NA | Solid | 8015NM Prep | |
| 890-5188-6 | SS06 | Total/NA | Solid | 8015NM Prep | |
| 890-5188-7 | SS07 | Total/NA | Solid | 8015NM Prep | |
| MB 880-61797/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-61797/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-61797/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-5188-4 MS | SS04 | Total/NA | Solid | 8015NM Prep | |
| 890-5188-4 MSD | SS04 | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 61914

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-5188-1 | SS01 | Total/NA | Solid | 8015 NM | |
| 890-5188-2 | SS02 | Total/NA | Solid | 8015 NM | |
| 890-5188-3 | SS03 | Total/NA | Solid | 8015 NM | |
| 890-5188-4 | SS04 | Total/NA | Solid | 8015 NM | |
| 890-5188-5 | SS05 | Total/NA | Solid | 8015 NM | |
| 890-5188-6 | SS06 | Total/NA | Solid | 8015 NM | |
| 890-5188-7 | SS07 | Total/NA | Solid | 8015 NM | |

HPLC/IC

Leach Batch: 61798

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-5188-1 | SS01 | Soluble | Solid | DI Leach | |
| 890-5188-2 | SS02 | Soluble | Solid | DI Leach | |
| 890-5188-3 | SS03 | Soluble | Solid | DI Leach | |
| 890-5188-4 | SS04 | Soluble | Solid | DI Leach | |
| 890-5188-5 | SS05 | Soluble | Solid | DI Leach | |
| 890-5188-6 | SS06 | Soluble | Solid | DI Leach | |
| 890-5188-7 | SS07 | Soluble | Solid | DI Leach | |
| MB 880-61798/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-61798/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-61798/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-32585-A-8-B MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-32585-A-8-C MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |
| 880-32797-A-5-C MS | Matrix Spike | Soluble | Solid | DI Leach | |
| 880-32797-A-5-D MSD | Matrix Spike Duplicate | Soluble | Solid | DI Leach | |

Analysis Batch: 61847

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 890-5188-1 | SS01 | Soluble | Solid | 300.0 | 61798 |

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

HPLC/IC (Continued)

Analysis Batch: 61847 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 890-5188-2 | SS02 | Soluble | Solid | 300.0 | 61798 |
| 890-5188-3 | SS03 | Soluble | Solid | 300.0 | 61798 |
| 890-5188-4 | SS04 | Soluble | Solid | 300.0 | 61798 |
| 890-5188-5 | SS05 | Soluble | Solid | 300.0 | 61798 |
| 890-5188-6 | SS06 | Soluble | Solid | 300.0 | 61798 |
| 890-5188-7 | SS07 | Soluble | Solid | 300.0 | 61798 |
| MB 880-61798/1-A | Method Blank | Soluble | Solid | 300.0 | 61798 |
| LCS 880-61798/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 61798 |
| LCSD 880-61798/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 61798 |
| 880-32585-A-8-B MS | Matrix Spike | Soluble | Solid | 300.0 | 61798 |
| 880-32585-A-8-C MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 61798 |
| 880-32797-A-5-C MS | Matrix Spike | Soluble | Solid | 300.0 | 61798 |
| 880-32797-A-5-D MSD | Matrix Spike Duplicate | Soluble | Solid | 300.0 | 61798 |

Lab Chronicle

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS01

Lab Sample ID: 890-5188-1

Date Collected: 08/31/23 11:10

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 61792 | 09/05/23 09:19 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 61790 | 09/05/23 12:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 61878 | 09/05/23 17:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 61914 | 09/06/23 09:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 61797 | 09/05/23 09:43 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 61786 | 09/05/23 12:52 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 61798 | 09/05/23 10:27 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 61847 | 09/05/23 18:53 | CH | EET MID |

Client Sample ID: SS02

Lab Sample ID: 890-5188-2

Date Collected: 08/31/23 11:15

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 61792 | 09/05/23 09:19 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 61790 | 09/05/23 13:00 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 61878 | 09/05/23 17:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 61914 | 09/06/23 09:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 61797 | 09/05/23 09:43 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 10 | 1 uL | 1 uL | 61786 | 09/05/23 20:41 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 61798 | 09/05/23 10:27 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 61847 | 09/05/23 19:00 | CH | EET MID |

Client Sample ID: SS03

Lab Sample ID: 890-5188-3

Date Collected: 08/31/23 11:20

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 61792 | 09/05/23 09:19 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 61790 | 09/05/23 13:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 61878 | 09/05/23 17:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 61914 | 09/06/23 09:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 61797 | 09/05/23 09:43 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 61786 | 09/05/23 13:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 61798 | 09/05/23 10:27 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 10 | | | 61847 | 09/05/23 19:07 | CH | EET MID |

Client Sample ID: SS04

Lab Sample ID: 890-5188-4

Date Collected: 08/31/23 11:25

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 61792 | 09/05/23 09:19 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 61790 | 09/05/23 13:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 61878 | 09/05/23 17:36 | SM | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS04

Lab Sample ID: 890-5188-4

Date Collected: 08/31/23 11:25

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 61914 | 09/06/23 09:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 61797 | 09/05/23 09:43 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 61786 | 09/05/23 11:45 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 61798 | 09/05/23 10:27 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 61847 | 09/05/23 19:13 | CH | EET MID |

Client Sample ID: SS05

Lab Sample ID: 890-5188-5

Date Collected: 08/31/23 11:35

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 61792 | 09/05/23 09:19 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 61790 | 09/05/23 14:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 61878 | 09/05/23 17:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 61914 | 09/06/23 09:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 61797 | 09/05/23 09:43 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 61786 | 09/05/23 13:59 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 61798 | 09/05/23 10:27 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 61847 | 09/05/23 19:20 | CH | EET MID |

Client Sample ID: SS06

Lab Sample ID: 890-5188-6

Date Collected: 08/31/23 11:40

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 61792 | 09/05/23 09:19 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 61790 | 09/05/23 14:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 61878 | 09/05/23 17:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 61914 | 09/06/23 09:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 61797 | 09/05/23 09:43 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 61786 | 09/05/23 14:21 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 61798 | 09/05/23 10:27 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 61847 | 09/05/23 19:27 | CH | EET MID |

Client Sample ID: SS07

Lab Sample ID: 890-5188-7

Date Collected: 08/31/23 11:30

Matrix: Solid

Date Received: 09/01/23 08:11

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 61792 | 09/05/23 09:19 | EL | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 61790 | 09/05/23 14:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 61878 | 09/05/23 17:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 61914 | 09/06/23 09:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 61797 | 09/05/23 09:43 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 61786 | 09/05/23 14:43 | SM | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

Client Sample ID: SS07
Date Collected: 08/31/23 11:30
Date Received: 09/01/23 08:11

Lab Sample ID: 890-5188-7
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 61798 | 09/05/23 10:27 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 61847 | 09/05/23 19:33 | CH | EET MID |

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|------------|
| 8015 NM | | Solid | Total TPH |
| Total BTEX | | Solid | Total BTEX |

Method Summary

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | EET MID |
| Total BTEX | Total BTEX Calculation | TAL SOP | EET MID |
| 8015 NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 300.0 | Anions, Ion Chromatography | EPA | EET MID |
| 5035 | Closed System Purge and Trap | SW846 | EET MID |
| 8015NM Prep | Microextraction | SW846 | EET MID |
| DI Leach | Deionized Water Leaching Procedure | ASTM | EET MID |

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: North Indian Flats 26 Fed 1

Job ID: 890-5188-1
SDG: 03C1558269

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---------------|------------------|--------|----------------|----------------|-------|
| 890-5188-1 | SS01 | Solid | 08/31/23 11:10 | 09/01/23 08:11 | 0.5 |
| 890-5188-2 | SS02 | Solid | 08/31/23 11:15 | 09/01/23 08:11 | 0.5 |
| 890-5188-3 | SS03 | Solid | 08/31/23 11:20 | 09/01/23 08:11 | 0.5 |
| 890-5188-4 | SS04 | Solid | 08/31/23 11:25 | 09/01/23 08:11 | 0.5 |
| 890-5188-5 | SS05 | Solid | 08/31/23 11:35 | 09/01/23 08:11 | 0.5 |
| 890-5188-6 | SS06 | Solid | 08/31/23 11:40 | 09/01/23 08:11 | 0.5 |
| 890-5188-7 | SS07 | Solid | 08/31/23 11:30 | 09/01/23 08:11 | 0.5 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 1 of 1

| | | | |
|------------------|----------------------|-------------------------|--------------------|
| Project Manager: | Ben Bell | Bill to: (if different) | Garrett Green |
| Company Name: | Ensolum, LLC | Company Name: | XTO Energy |
| Address: | 3122 Nat'l Parks Hwy | Address: | 3104 E Greene St |
| City, State ZIP: | Carlsbad, NM 88220 | City, State ZIP: | Carlsbad, NM 88220 |
| Phone: | 989-854-6852 | Email: | bbell@ensolum.com |

| | |
|--|--|
| Work Order Comments | |
| Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> | |
| State of Project: | |
| Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> | |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: | |

| | | | | | |
|--------------------------|--|---|---|------------|--|
| Project Name: | North Indian Flats 26 Feil | Turn Around | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | Pres. Code | |
| Project Number: | 03C1558269 | Due Date: | | | |
| Project Location: | 32.43431, -104.0556 | TAT starts the day received by the lab, if received by 4:30pm | | | |
| Sampler's Name: | Meredith Roberts | | | | |
| P.O. #: | | | | | |
| SAMPLE RECEIPT | Temp Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Wet Ice: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Samples Received Intact: | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Thermometer ID: | TM1107 | | |
| Cooler Custody Seals: | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Correction Factor: | -0.2 | | |
| Sample Custody Seals: | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Temperature Reading: | 11.0 | | |
| Total Containers: | | Corrected Temperature: | 3.8 | | |



890-5188 Chain of Custody

| Sample Identification | Matrix | Date Sampled | Time | Depth | Glab/Comp | # of Cont | Parameters | Preservative Codes |
|-----------------------|--------|--------------|------|-------|-----------|-----------|------------|---|
| SS01 | S | 8/31/23 | 1110 | 0.5' | G | 1 | X BTEX | None: NO DI Water: H ₂ O |
| SS02 | | | 1115 | | | | X Chlondes | Cool: Cool MeOH: Me |
| SS03 | | | 1120 | | | | X TPH | HCL: HC HNO: HN |
| SS04 | | | 1125 | | | | | H ₂ SO ₄ : H ₂ NaOH: Na |
| SS05 | | | 1135 | | | | | H ₃ PO ₄ : HP |
| SS06 | | | 1140 | | | | | NaHSO ₄ : NABIS |
| SS07 | | | 1130 | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ |
| | | | | | | | | Zn Acetate+NaOH: Zn |
| | | | | | | | | NaOH+Ascorbic Acid: SACP |

Incident #: NAPP2323653065

mroberts@ensolum.com

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

| | | | | | |
|------------------------------|--------------------------|-------------|------------------------------|--------------------------|-----------|
| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
| <i>[Signature]</i> | <i>[Signature]</i> | 9-1-23 8:19 | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-5188-1

SDG Number: 03C1558269

Login Number: 5188

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

| 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. | N/A | Refer to Job Narrative for details. |
| 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 <6mm (1/4"). | N/A | |

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-5188-1

SDG Number: 03C1558269

Login Number: 5188

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 09/05/23 08:34 AM

| 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 <6mm (1/4"). | N/A | |



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tacoma Morrissey
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 10/9/2023 3:09:49 PM

JOB DESCRIPTION

NORTH INDIAN FLATS 26 FED 1
SDG NUMBER 03C1558269

JOB NUMBER

890-5365-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/9/2023 3:09:49 PM

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

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Laboratory Job ID: 890-5365-1
SDG: 03C1558269

Table of Contents

| | |
|----------------------------------|----|
| Cover Page | 1 |
| Table of Contents | 3 |
| Definitions/Glossary | 4 |
| Case Narrative | 5 |
| Client Sample Results | 7 |
| Surrogate Summary | 18 |
| QC Sample Results | 20 |
| QC Association Summary | 26 |
| Lab Chronicle | 30 |
| Certification Summary | 34 |
| Method Summary | 35 |
| Sample Summary | 36 |
| Chain of Custody | 37 |
| Receipt Checklists | 38 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Ensolum
 Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
 SDG: 03C1558269

Qualifiers

GC VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| 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

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| U | Indicates the analyte was analyzed for but not detected. |

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 |
| 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) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Job ID: 890-5365-1

Laboratory: Eurofins Carlsbad

Narrative**Job Narrative
890-5365-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method. Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/28/2023 11:46 AM. 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 3.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW01 (890-5365-1), SW02 (890-5365-2), SW03 (890-5365-3), SW04 (890-5365-4), FS01 (890-5365-5), FS02 (890-5365-6), FS03 (890-5365-7), FS04 (890-5365-8), FS05 (890-5365-9), FS06 (890-5365-10), FS07 (890-5365-11), FS08 (890-5365-12) and FS09 (890-5365-13).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-63776 and analytical batch 880-64078 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-63776 and analytical batch 880-64078 was outside the control 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: The surrogate recovery for the blank associated with preparation batch 880-63700 and analytical batch 880-63835 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-63700/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-63936 and analytical batch 880-63913 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-63936/2-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

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-63653 and analytical batch 880-63879 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Case Narrative

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Job ID: 890-5365-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

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

| |
|----|
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |
| 8 |
| 9 |
| 10 |
| 11 |
| 12 |
| 13 |
| 14 |

Client Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: SW01

Lab Sample ID: 890-5365-1

Date Collected: 09/28/23 09:00

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 0-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U F1 | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:04 | 1 |
| Toluene | <0.00199 | U F1 | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:04 | 1 |
| Ethylbenzene | <0.00199 | U F1 | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:04 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U F1 | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:04 | 1 |
| o-Xylene | <0.00199 | U F1 | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:04 | 1 |
| Xylenes, Total | <0.00398 | U F1 | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 12:04 | 1 |
| 1,4-Difluorobenzene (Surr) | 108 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 12:04 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 10/06/23 12:04 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.8 | U | 49.8 | mg/Kg | | | 10/03/23 11:20 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | mg/Kg | | 09/30/23 19:46 | 10/03/23 11:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | mg/Kg | | 09/30/23 19:46 | 10/03/23 11:20 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | mg/Kg | | 09/30/23 19:46 | 10/03/23 11:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 108 | | 70 - 130 | 09/30/23 19:46 | 10/03/23 11:20 | 1 |
| o-Terphenyl | 96 | | 70 - 130 | 09/30/23 19:46 | 10/03/23 11:20 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 37.4 | F1 | 5.04 | mg/Kg | | | 10/03/23 17:43 | 1 |

Client Sample ID: SW02

Lab Sample ID: 890-5365-2

Date Collected: 09/28/23 09:05

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 0-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:30 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:30 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 12:30 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: SW02

Lab Sample ID: 890-5365-2

Date Collected: 09/28/23 09:05

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 0-4

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 112 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 12:30 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 10/06/23 12:30 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.3 | U | 50.3 | mg/Kg | | | 10/03/23 12:27 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | mg/Kg | | 09/30/23 19:46 | 10/03/23 12:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | mg/Kg | | 09/30/23 19:46 | 10/03/23 12:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.3 | U | 50.3 | mg/Kg | | 09/30/23 19:46 | 10/03/23 12:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 122 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 12:27 | 1 |
| o-Terphenyl | 106 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 12:27 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 91.0 | | 5.05 | mg/Kg | | | 10/03/23 18:00 | 1 |

Client Sample ID: SW03

Lab Sample ID: 890-5365-3

Date Collected: 09/28/23 09:10

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 0-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:57 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:57 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | mg/Kg | | 10/02/23 15:48 | 10/06/23 12:57 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 85 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 12:57 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 12:57 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | mg/Kg | | | 10/06/23 12:57 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.4 | U | 50.4 | mg/Kg | | | 10/03/23 12:49 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: SW03

Lab Sample ID: 890-5365-3

Date Collected: 09/28/23 09:10

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 0-4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | mg/Kg | | 09/30/23 19:46 | 10/03/23 12:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | mg/Kg | | 09/30/23 19:46 | 10/03/23 12:49 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | mg/Kg | | 09/30/23 19:46 | 10/03/23 12:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 126 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 12:49 | 1 |
| o-Terphenyl | 109 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 12:49 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 98.7 | | 5.03 | mg/Kg | | | 10/03/23 18:06 | 1 |

Client Sample ID: SW04

Lab Sample ID: 890-5365-4

Date Collected: 09/28/23 09:15

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 0-4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 13:23 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 10/06/23 13:23 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.5 | U | 50.5 | mg/Kg | | | 10/03/23 13:12 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:12 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 110 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 13:12 | 1 |
| o-Terphenyl | 94 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 13:12 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
 Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
 SDG: 03C1558269

Client Sample ID: SW04

Lab Sample ID: 890-5365-4

Date Collected: 09/28/23 09:15

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 0-4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 95.3 | | 5.02 | mg/Kg | | | 10/03/23 18:12 | 1 |

Client Sample ID: FS01

Lab Sample ID: 890-5365-5

Date Collected: 09/28/23 09:30

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |
| 1,4-Difluorobenzene (Surr) | 109 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 13:49 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 10/06/23 13:49 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | 60.5 | | 49.8 | mg/Kg | | | 10/03/23 13:34 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:34 | 1 |
| Diesel Range Organics (Over C10-C28) | 60.5 | | 49.8 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:34 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:34 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 123 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 13:34 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 13:34 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 508 | | 5.02 | mg/Kg | | | 10/03/23 18:18 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: FS02

Lab Sample ID: 890-5365-6

Date Collected: 09/28/23 09:35

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:15 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:15 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:15 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 14:15 | 1 |
| 1,4-Difluorobenzene (Surr) | 105 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 14:15 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 10/06/23 14:15 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 10/03/23 13:56 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:56 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 09/30/23 19:46 | 10/03/23 13:56 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 110 | | 70 - 130 | 09/30/23 19:46 | 10/03/23 13:56 | 1 |
| o-Terphenyl | 93 | | 70 - 130 | 09/30/23 19:46 | 10/03/23 13:56 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 444 | | 4.99 | mg/Kg | | | 10/04/23 08:37 | 1 |

Client Sample ID: FS03

Lab Sample ID: 890-5365-7

Date Collected: 09/28/23 09:40

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:41 | 1 |
| Toluene | <0.00201 | U | 0.00201 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:41 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:41 | 1 |
| m-Xylene & p-Xylene | <0.00402 | U | 0.00402 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:41 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:41 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | | 10/02/23 15:48 | 10/06/23 14:41 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 14:41 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: FS03

Lab Sample ID: 890-5365-7

Date Collected: 09/28/23 09:40

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 14:41 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 10/06/23 14:41 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.2 | U | 50.2 | mg/Kg | | | 10/03/23 14:19 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | mg/Kg | | 09/30/23 19:46 | 10/03/23 14:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | mg/Kg | | 09/30/23 19:46 | 10/03/23 14:19 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | mg/Kg | | 09/30/23 19:46 | 10/03/23 14:19 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 108 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 14:19 | 1 |
| o-Terphenyl | 95 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 14:19 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 1470 | | 24.9 | mg/Kg | | | 10/04/23 08:43 | 5 |

Client Sample ID: FS04

Lab Sample ID: 890-5365-8

Date Collected: 09/28/23 09:45

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:07 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:07 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:07 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:07 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 15:07 | 1 |
| 1,4-Difluorobenzene (Surr) | 118 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 15:07 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | mg/Kg | | | 10/06/23 15:07 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.4 | U | 50.4 | mg/Kg | | | 10/03/23 14:41 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: FS04

Lab Sample ID: 890-5365-8

Date Collected: 09/28/23 09:45

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | mg/Kg | | 09/30/23 19:46 | 10/03/23 14:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | mg/Kg | | 09/30/23 19:46 | 10/03/23 14:41 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | mg/Kg | | 09/30/23 19:46 | 10/03/23 14:41 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 106 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 14:41 | 1 |
| o-Terphenyl | 93 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 14:41 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 745 | | 4.97 | mg/Kg | | | 10/04/23 08:49 | 1 |

Client Sample ID: FS05

Lab Sample ID: 890-5365-9

Date Collected: 09/28/23 10:00

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |
| 1,4-Difluorobenzene (Surr) | 111 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 15:33 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 10/06/23 15:33 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | mg/Kg | | | 10/03/23 15:03 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | mg/Kg | | 09/30/23 19:46 | 10/03/23 15:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | mg/Kg | | 09/30/23 19:46 | 10/03/23 15:03 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | mg/Kg | | 09/30/23 19:46 | 10/03/23 15:03 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 128 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 15:03 | 1 |
| o-Terphenyl | 110 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 15:03 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
 Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
 SDG: 03C1558269

Client Sample ID: FS05

Lab Sample ID: 890-5365-9

Date Collected: 09/28/23 10:00

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 747 | | 4.97 | mg/Kg | | | 10/04/23 08:55 | 1 |

Client Sample ID: FS06

Lab Sample ID: 890-5365-10

Date Collected: 09/28/23 10:05

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | mg/Kg | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |
| Toluene | <0.00198 | U | 0.00198 | mg/Kg | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | mg/Kg | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |
| m-Xylene & p-Xylene | <0.00396 | U | 0.00396 | mg/Kg | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | mg/Kg | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | mg/Kg | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |
| 1,4-Difluorobenzene (Surr) | 108 | | 70 - 130 | | | 10/02/23 15:48 | 10/06/23 16:06 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00396 | U | 0.00396 | mg/Kg | | | 10/06/23 16:06 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9 | U | 49.9 | mg/Kg | | | 10/03/23 15:25 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | mg/Kg | | 09/30/23 19:46 | 10/03/23 15:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | mg/Kg | | 09/30/23 19:46 | 10/03/23 15:25 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | mg/Kg | | 09/30/23 19:46 | 10/03/23 15:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 119 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 15:25 | 1 |
| o-Terphenyl | 104 | | 70 - 130 | | | 09/30/23 19:46 | 10/03/23 15:25 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 891 | | 5.00 | mg/Kg | | | 10/04/23 09:00 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
 Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
 SDG: 03C1558269

Client Sample ID: FS07

Lab Sample ID: 890-5365-11

Date Collected: 09/28/23 10:10

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 17:50 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 17:50 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 17:50 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 17:50 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 10/02/23 15:48 | 10/06/23 17:50 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 10/02/23 15:48 | 10/06/23 17:50 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 17:50 | 1 |
| 1,4-Difluorobenzene (Surr) | 106 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 17:50 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 10/06/23 17:50 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.7 | U | 49.7 | mg/Kg | | | 10/05/23 01:09 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:09 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 114 | | 70 - 130 | 10/04/23 09:49 | 10/05/23 01:09 | 1 |
| o-Terphenyl | 100 | | 70 - 130 | 10/04/23 09:49 | 10/05/23 01:09 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 842 | | 4.96 | mg/Kg | | | 10/04/23 09:06 | 1 |

Client Sample ID: FS08

Lab Sample ID: 890-5365-12

Date Collected: 09/28/23 10:15

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:16 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:16 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:16 | 1 |
| m-Xylene & p-Xylene | <0.00399 | U | 0.00399 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:16 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:16 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 18:16 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
 Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
 SDG: 03C1558269

Client Sample ID: FS08

Lab Sample ID: 890-5365-12

Date Collected: 09/28/23 10:15

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 18:16 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 10/06/23 18:16 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 10/05/23 01:31 | 1 |

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:31 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:31 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 125 | | 70 - 130 | | | 10/04/23 09:49 | 10/05/23 01:31 | 1 |
| o-Terphenyl | 109 | | 70 - 130 | | | 10/04/23 09:49 | 10/05/23 01:31 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 1280 | | 25.2 | mg/Kg | | | 10/04/23 09:24 | 5 |

Client Sample ID: FS09

Lab Sample ID: 890-5365-13

Date Collected: 09/28/23 10:20

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:42 | 1 |
| m-Xylene & p-Xylene | <0.00401 | U | 0.00401 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:42 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | mg/Kg | | 10/02/23 15:48 | 10/06/23 18:42 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 18:42 | 1 |
| 1,4-Difluorobenzene (Surr) | 112 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 18:42 | 1 |

Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U | 0.00401 | mg/Kg | | | 10/06/23 18:42 | 1 |

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | 53.1 | | 50.1 | mg/Kg | | | 10/05/23 01:52 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: FS09

Lab Sample ID: 890-5365-13

Date Collected: 09/28/23 10:20

Matrix: Solid

Date Received: 09/28/23 11:46

Sample Depth: 4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:52 | 1 |
| Diesel Range Organics (Over C10-C28) | 53.1 | | 50.1 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:52 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | mg/Kg | | 10/04/23 09:49 | 10/05/23 01:52 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 120 | | 70 - 130 | | | 10/04/23 09:49 | 10/05/23 01:52 | 1 |
| o-Terphenyl | 105 | | 70 - 130 | | | 10/04/23 09:49 | 10/05/23 01:52 | 1 |

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 1530 | | 24.9 | mg/Kg | | | 10/04/23 09:29 | 5 |

Surrogate Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|-----------------------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 890-5365-1 | SW01 | 95 | 108 |
| 890-5365-1 MS | SW01 | 88 | 107 |
| 890-5365-1 MSD | SW01 | 91 | 103 |
| 890-5365-2 | SW02 | 99 | 112 |
| 890-5365-3 | SW03 | 85 | 104 |
| 890-5365-4 | SW04 | 89 | 101 |
| 890-5365-5 | FS01 | 98 | 109 |
| 890-5365-6 | FS02 | 97 | 105 |
| 890-5365-7 | FS03 | 96 | 107 |
| 890-5365-8 | FS04 | 102 | 118 |
| 890-5365-9 | FS05 | 90 | 111 |
| 890-5365-10 | FS06 | 96 | 108 |
| 890-5365-11 | FS07 | 97 | 106 |
| 890-5365-12 | FS08 | 96 | 102 |
| 890-5365-13 | FS09 | 111 | 112 |
| LCS 880-63776/1-A | Lab Control Sample | 90 | 104 |
| LCSD 880-63776/2-A | Lab Control Sample Dup | 89 | 103 |
| MB 880-63776/5-A | Method Blank | 55 S1- | 96 |
| Surrogate Legend | | | |
| BFB = 4-Bromofluorobenzene (Surr) | | | |
| DFBZ = 1,4-Difluorobenzene (Surr) | | | |

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

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---------------------|------------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 890-5365-1 | SW01 | 108 | 96 |
| 890-5365-1 MS | SW01 | 107 | 83 |
| 890-5365-1 MSD | SW01 | 108 | 85 |
| 890-5365-2 | SW02 | 122 | 106 |
| 890-5365-3 | SW03 | 126 | 109 |
| 890-5365-4 | SW04 | 110 | 94 |
| 890-5365-5 | FS01 | 123 | 105 |
| 890-5365-6 | FS02 | 110 | 93 |
| 890-5365-7 | FS03 | 108 | 95 |
| 890-5365-8 | FS04 | 106 | 93 |
| 890-5365-9 | FS05 | 128 | 110 |
| 890-5365-10 | FS06 | 119 | 104 |
| 890-5365-11 | FS07 | 114 | 100 |
| 890-5365-12 | FS08 | 125 | 109 |
| 890-5365-13 | FS09 | 120 | 105 |
| 890-5376-A-15-E MS | Matrix Spike | 129 | 107 |
| 890-5376-A-15-F MSD | Matrix Spike Duplicate | 129 | 105 |
| LCS 880-63700/2-A | Lab Control Sample | 136 S1+ | 145 S1+ |
| LCS 880-63936/2-A | Lab Control Sample | 136 S1+ | 143 S1+ |
| LCSD 880-63700/3-A | Lab Control Sample Dup | 110 | 117 |
| LCSD 880-63936/3-A | Lab Control Sample Dup | 102 | 107 |

Eurofins Carlsbad

Surrogate Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

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

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|----------------------|------------------|--|-------------------|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| MB 880-63700/1-A | Method Blank | 159 S1+ | 150 S1+ |
| MB 880-63936/1-A | Method Blank | 138 S1+ | 129 |
| Surrogate Legend | | | |
| 1CO = 1-Chlorooctane | | | |
| OTPH = o-Terphenyl | | | |

QC Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-63776/5-A

Matrix: Solid

Analysis Batch: 64078

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63776

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|--------------|-----------------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 11:38 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 11:38 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 11:38 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 10/02/23 15:48 | 10/06/23 11:38 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/02/23 15:48 | 10/06/23 11:38 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 10/02/23 15:48 | 10/06/23 11:38 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 55 | S1- | 70 - 130 | 10/02/23 15:48 | 10/06/23 11:38 | 1 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 | 10/02/23 15:48 | 10/06/23 11:38 | 1 |

Lab Sample ID: LCS 880-63776/1-A

Matrix: Solid

Analysis Batch: 64078

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63776

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|----------------|---------------|------------------|-------|---|------|----------------|
| Benzene | 0.100 | 0.07044 | | mg/Kg | | 70 | 70 - 130 |
| Toluene | 0.100 | 0.08066 | | mg/Kg | | 81 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.07569 | | mg/Kg | | 76 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1494 | | mg/Kg | | 75 | 70 - 130 |
| o-Xylene | 0.100 | 0.07498 | | mg/Kg | | 75 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 |

Lab Sample ID: LCSD 880-63776/2-A

Matrix: Solid

Analysis Batch: 64078

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63776

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| Benzene | 0.100 | 0.07310 | | mg/Kg | | 73 | 70 - 130 | 4 | 35 |
| Toluene | 0.100 | 0.07874 | | mg/Kg | | 79 | 70 - 130 | 2 | 35 |
| Ethylbenzene | 0.100 | 0.07952 | | mg/Kg | | 80 | 70 - 130 | 5 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1580 | | mg/Kg | | 79 | 70 - 130 | 6 | 35 |
| o-Xylene | 0.100 | 0.07679 | | mg/Kg | | 77 | 70 - 130 | 2 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|-------------------|-------------------|----------|
| 4-Bromofluorobenzene (Surr) | 89 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

Lab Sample ID: 890-5365-1 MS

Matrix: Solid

Analysis Batch: 64078

Client Sample ID: SW01

Prep Type: Total/NA

Prep Batch: 63776

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Benzene | <0.00199 | U F1 | 0.0998 | 0.06917 | F1 | mg/Kg | | 69 | 70 - 130 |
| Toluene | <0.00199 | U F1 | 0.0998 | 0.06608 | F1 | mg/Kg | | 66 | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

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

Lab Sample ID: 890-5365-1 MS

Matrix: Solid

Analysis Batch: 64078

Client Sample ID: SW01

Prep Type: Total/NA

Prep Batch: 63776

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Ethylbenzene | <0.00199 | U F1 | 0.0998 | 0.05899 | F1 | mg/Kg | | 58 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U F1 | 0.200 | 0.1130 | F1 | mg/Kg | | 57 | 70 - 130 |
| o-Xylene | <0.00199 | U F1 | 0.0998 | 0.05946 | F1 | mg/Kg | | 60 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 88 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 |

Lab Sample ID: 890-5365-1 MSD

Matrix: Solid

Analysis Batch: 64078

Client Sample ID: SW01

Prep Type: Total/NA

Prep Batch: 63776

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene | <0.00199 | U F1 | 0.0990 | 0.05614 | F1 | mg/Kg | | 57 | 70 - 130 | 21 | 35 |
| Toluene | <0.00199 | U F1 | 0.0990 | 0.05472 | F1 | mg/Kg | | 55 | 70 - 130 | 19 | 35 |
| Ethylbenzene | <0.00199 | U F1 | 0.0990 | 0.04984 | F1 | mg/Kg | | 49 | 70 - 130 | 17 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U F1 | 0.198 | 0.09469 | F1 | mg/Kg | | 48 | 70 - 130 | 18 | 35 |
| o-Xylene | <0.00199 | U F1 | 0.0990 | 0.04966 | F1 | mg/Kg | | 50 | 70 - 130 | 18 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 91 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

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

Lab Sample ID: MB 880-63700/1-A

Matrix: Solid

Analysis Batch: 63835

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63700

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|--------------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 09/30/23 19:46 | 10/03/23 08:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 09/30/23 19:46 | 10/03/23 08:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 09/30/23 19:46 | 10/03/23 08:44 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|--------------|--------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 159 | S1+ | 70 - 130 | 09/30/23 19:46 | 10/03/23 08:44 | 1 |
| o-Terphenyl | 150 | S1+ | 70 - 130 | 09/30/23 19:46 | 10/03/23 08:44 | 1 |

Lab Sample ID: LCS 880-63700/2-A

Matrix: Solid

Analysis Batch: 63835

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63700

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 939.7 | | mg/Kg | | 94 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 964.0 | | mg/Kg | | 96 | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
 Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
 SDG: 03C1558269

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

Lab Sample ID: LCS 880-63700/2-A
 Matrix: Solid
 Analysis Batch: 63835

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 63700

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 136 | S1+ | 70 - 130 |
| o-Terphenyl | 145 | S1+ | 70 - 130 |

Lab Sample ID: LCSD 880-63700/3-A
 Matrix: Solid
 Analysis Batch: 63835

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 63700

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|-----------|-----------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 944.3 | | mg/Kg | | 94 | 70 - 130 | 0 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 976.9 | | mg/Kg | | 98 | 70 - 130 | 1 | 20 |
| Surrogate | LCSD | LCSD | | | | | | | | | |
| | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 110 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 117 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 890-5365-1 MS
 Matrix: Solid
 Analysis Batch: 63835

Client Sample ID: SW01
 Prep Type: Total/NA
 Prep Batch: 63700

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|--|--|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 992 | 1192 | | mg/Kg | | 118 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 992 | 987.7 | | mg/Kg | | 97 | 70 - 130 | | |
| Surrogate | MS | MS | | | | | | | | | |
| | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 107 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 83 | | 70 - 130 | | | | | | | | |

Lab Sample ID: 890-5365-1 MSD
 Matrix: Solid
 Analysis Batch: 63835

Client Sample ID: SW01
 Prep Type: Total/NA
 Prep Batch: 63700

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 992 | 1205 | | mg/Kg | | 120 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 992 | 1030 | | mg/Kg | | 102 | 70 - 130 | 4 | 20 |
| Surrogate | MSD | MSD | | | | | | | | | |
| | %Recovery | Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 108 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 85 | | 70 - 130 | | | | | | | | |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
 Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
 SDG: 03C1558269

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

Lab Sample ID: MB 880-63936/1-A

Matrix: Solid

Analysis Batch: 63913

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63936

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|-----------|--------------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 10/04/23 09:49 | 10/04/23 19:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 10/04/23 09:49 | 10/04/23 19:21 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 10/04/23 09:49 | 10/04/23 19:21 | 1 |
| Surrogate | %Recovery | MB Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 138 | S1+ | 70 - 130 | | | 10/04/23 09:49 | 10/04/23 19:21 | 1 |
| o-Terphenyl | 129 | | 70 - 130 | | | 10/04/23 09:49 | 10/04/23 19:21 | 1 |

Lab Sample ID: LCS 880-63936/2-A

Matrix: Solid

Analysis Batch: 63913

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63936

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|---------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 995.3 | | mg/Kg | | 100 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 957.7 | | mg/Kg | | 96 | 70 - 130 |
| Surrogate | %Recovery | LCS Qualifier | Limits | | | | |
| 1-Chlorooctane | 136 | S1+ | 70 - 130 | | | | |
| o-Terphenyl | 143 | S1+ | 70 - 130 | | | | |

Lab Sample ID: LCSD 880-63936/3-A

Matrix: Solid

Analysis Batch: 63913

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63936

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|----------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 903.4 | | mg/Kg | | 90 | 70 - 130 | 10 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 895.3 | | mg/Kg | | 90 | 70 - 130 | 7 | 20 |
| Surrogate | %Recovery | LCSD Qualifier | Limits | | | | | | |
| 1-Chlorooctane | 102 | | 70 - 130 | | | | | | |
| o-Terphenyl | 107 | | 70 - 130 | | | | | | |

Lab Sample ID: 890-5376-A-15-E MS

Matrix: Solid

Analysis Batch: 63913

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 63936

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 991 | 850.5 | | mg/Kg | | 83 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 991 | 1107 | | mg/Kg | | 112 | 70 - 130 |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

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

Lab Sample ID: 890-5376-A-15-E MS

Matrix: Solid

Analysis Batch: 63913

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 63936

| | MS | MS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 129 | | 70 - 130 |
| o-Terphenyl | 107 | | 70 - 130 |

Lab Sample ID: 890-5376-A-15-F MSD

Matrix: Solid

Analysis Batch: 63913

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63936

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 991 | 844.8 | | mg/Kg | | 83 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 991 | 1075 | | mg/Kg | | 108 | 70 - 130 | 3 | 20 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 129 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 105 | | 70 - 130 | | | | | | | | |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-63653/1-A

Matrix: Solid

Analysis Batch: 63879

Client Sample ID: Method Blank

Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-------|---|----------|----------------|---------|
| Chloride | <5.00 | U | 5.00 | mg/Kg | | | 10/03/23 17:25 | 1 |

Lab Sample ID: LCS 880-63653/2-A

Matrix: Solid

Analysis Batch: 63879

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250 | 238.4 | | mg/Kg | | 95 | 90 - 110 |

Lab Sample ID: LCSD 880-63653/3-A

Matrix: Solid

Analysis Batch: 63879

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Chloride | 250 | 238.2 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

Lab Sample ID: 890-5365-1 MS

Matrix: Solid

Analysis Batch: 63879

Client Sample ID: SW01

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 37.4 | F1 | 252 | 341.2 | F1 | mg/Kg | | 121 | 90 - 110 |

Eurofins Carlsbad

QC Sample Results

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-5365-1 MSD

Matrix: Solid

Analysis Batch: 63879

Client Sample ID: SW01

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 37.4 | F1 | 252 | 341.7 | F1 | mg/Kg | | 121 | 90 - 110 | 0 | 20 |

Lab Sample ID: 890-5365-11 MS

Matrix: Solid

Analysis Batch: 63879

Client Sample ID: FS07

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|--|--|
| Chloride | 842 | | 248 | 1106 | | mg/Kg | | 107 | 90 - 110 | | |

Lab Sample ID: 890-5365-11 MSD

Matrix: Solid

Analysis Batch: 63879

Client Sample ID: FS07

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 842 | | 248 | 1104 | | mg/Kg | | 106 | 90 - 110 | 0 | 20 |

QC Association Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

GC VOA

Prep Batch: 63776

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-5365-1 | SW01 | Total/NA | Solid | 5035 | |
| 890-5365-2 | SW02 | Total/NA | Solid | 5035 | |
| 890-5365-3 | SW03 | Total/NA | Solid | 5035 | |
| 890-5365-4 | SW04 | Total/NA | Solid | 5035 | |
| 890-5365-5 | FS01 | Total/NA | Solid | 5035 | |
| 890-5365-6 | FS02 | Total/NA | Solid | 5035 | |
| 890-5365-7 | FS03 | Total/NA | Solid | 5035 | |
| 890-5365-8 | FS04 | Total/NA | Solid | 5035 | |
| 890-5365-9 | FS05 | Total/NA | Solid | 5035 | |
| 890-5365-10 | FS06 | Total/NA | Solid | 5035 | |
| 890-5365-11 | FS07 | Total/NA | Solid | 5035 | |
| 890-5365-12 | FS08 | Total/NA | Solid | 5035 | |
| 890-5365-13 | FS09 | Total/NA | Solid | 5035 | |
| MB 880-63776/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-63776/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-63776/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 890-5365-1 MS | SW01 | Total/NA | Solid | 5035 | |
| 890-5365-1 MSD | SW01 | Total/NA | Solid | 5035 | |

Analysis Batch: 64078

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-5365-1 | SW01 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-2 | SW02 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-3 | SW03 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-4 | SW04 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-5 | FS01 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-6 | FS02 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-7 | FS03 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-8 | FS04 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-9 | FS05 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-10 | FS06 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-11 | FS07 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-12 | FS08 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-13 | FS09 | Total/NA | Solid | 8021B | 63776 |
| MB 880-63776/5-A | Method Blank | Total/NA | Solid | 8021B | 63776 |
| LCS 880-63776/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 63776 |
| LCSD 880-63776/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 63776 |
| 890-5365-1 MS | SW01 | Total/NA | Solid | 8021B | 63776 |
| 890-5365-1 MSD | SW01 | Total/NA | Solid | 8021B | 63776 |

Analysis Batch: 64290

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-5365-1 | SW01 | Total/NA | Solid | Total BTEX | |
| 890-5365-2 | SW02 | Total/NA | Solid | Total BTEX | |
| 890-5365-3 | SW03 | Total/NA | Solid | Total BTEX | |
| 890-5365-4 | SW04 | Total/NA | Solid | Total BTEX | |
| 890-5365-5 | FS01 | Total/NA | Solid | Total BTEX | |
| 890-5365-6 | FS02 | Total/NA | Solid | Total BTEX | |
| 890-5365-7 | FS03 | Total/NA | Solid | Total BTEX | |
| 890-5365-8 | FS04 | Total/NA | Solid | Total BTEX | |
| 890-5365-9 | FS05 | Total/NA | Solid | Total BTEX | |

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

GC VOA (Continued)

Analysis Batch: 64290 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-5365-10 | FS06 | Total/NA | Solid | Total BTEX | |
| 890-5365-11 | FS07 | Total/NA | Solid | Total BTEX | |
| 890-5365-12 | FS08 | Total/NA | Solid | Total BTEX | |
| 890-5365-13 | FS09 | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 63700

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 890-5365-1 | SW01 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-2 | SW02 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-3 | SW03 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-4 | SW04 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-5 | FS01 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-6 | FS02 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-7 | FS03 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-8 | FS04 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-9 | FS05 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-10 | FS06 | Total/NA | Solid | 8015NM Prep | |
| MB 880-63700/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-63700/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-63700/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-5365-1 MS | SW01 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-1 MSD | SW01 | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 63835

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 890-5365-1 | SW01 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-2 | SW02 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-3 | SW03 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-4 | SW04 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-5 | FS01 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-6 | FS02 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-7 | FS03 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-8 | FS04 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-9 | FS05 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-10 | FS06 | Total/NA | Solid | 8015B NM | 63700 |
| MB 880-63700/1-A | Method Blank | Total/NA | Solid | 8015B NM | 63700 |
| LCS 880-63700/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 63700 |
| LCSD 880-63700/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-1 MS | SW01 | Total/NA | Solid | 8015B NM | 63700 |
| 890-5365-1 MSD | SW01 | Total/NA | Solid | 8015B NM | 63700 |

Analysis Batch: 63913

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 890-5365-11 | FS07 | Total/NA | Solid | 8015B NM | 63936 |
| 890-5365-12 | FS08 | Total/NA | Solid | 8015B NM | 63936 |
| 890-5365-13 | FS09 | Total/NA | Solid | 8015B NM | 63936 |
| MB 880-63936/1-A | Method Blank | Total/NA | Solid | 8015B NM | 63936 |
| LCS 880-63936/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 63936 |
| LCSD 880-63936/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 63936 |

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

GC Semi VOA (Continued)

Analysis Batch: 63913 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-5376-A-15-E MS | Matrix Spike | Total/NA | Solid | 8015B NM | 63936 |
| 890-5376-A-15-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 63936 |

Analysis Batch: 63931

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-5365-1 | SW01 | Total/NA | Solid | 8015 NM | |
| 890-5365-2 | SW02 | Total/NA | Solid | 8015 NM | |
| 890-5365-3 | SW03 | Total/NA | Solid | 8015 NM | |
| 890-5365-4 | SW04 | Total/NA | Solid | 8015 NM | |
| 890-5365-5 | FS01 | Total/NA | Solid | 8015 NM | |
| 890-5365-6 | FS02 | Total/NA | Solid | 8015 NM | |
| 890-5365-7 | FS03 | Total/NA | Solid | 8015 NM | |
| 890-5365-8 | FS04 | Total/NA | Solid | 8015 NM | |
| 890-5365-9 | FS05 | Total/NA | Solid | 8015 NM | |
| 890-5365-10 | FS06 | Total/NA | Solid | 8015 NM | |
| 890-5365-11 | FS07 | Total/NA | Solid | 8015 NM | |
| 890-5365-12 | FS08 | Total/NA | Solid | 8015 NM | |
| 890-5365-13 | FS09 | Total/NA | Solid | 8015 NM | |

Prep Batch: 63936

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 890-5365-11 | FS07 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-12 | FS08 | Total/NA | Solid | 8015NM Prep | |
| 890-5365-13 | FS09 | Total/NA | Solid | 8015NM Prep | |
| MB 880-63936/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-63936/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-63936/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-5376-A-15-E MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 890-5376-A-15-F MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

HPLC/IC

Leach Batch: 63653

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 890-5365-1 | SW01 | Soluble | Solid | DI Leach | |
| 890-5365-2 | SW02 | Soluble | Solid | DI Leach | |
| 890-5365-3 | SW03 | Soluble | Solid | DI Leach | |
| 890-5365-4 | SW04 | Soluble | Solid | DI Leach | |
| 890-5365-5 | FS01 | Soluble | Solid | DI Leach | |
| 890-5365-6 | FS02 | Soluble | Solid | DI Leach | |
| 890-5365-7 | FS03 | Soluble | Solid | DI Leach | |
| 890-5365-8 | FS04 | Soluble | Solid | DI Leach | |
| 890-5365-9 | FS05 | Soluble | Solid | DI Leach | |
| 890-5365-10 | FS06 | Soluble | Solid | DI Leach | |
| 890-5365-11 | FS07 | Soluble | Solid | DI Leach | |
| 890-5365-12 | FS08 | Soluble | Solid | DI Leach | |
| 890-5365-13 | FS09 | Soluble | Solid | DI Leach | |
| MB 880-63653/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-63653/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-63653/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-5365-1 MS | SW01 | Soluble | Solid | DI Leach | |

Eurofins Carlsbad

QC Association Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

HPLC/IC (Continued)

Leach Batch: 63653 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|----------|------------|
| 890-5365-1 MSD | SW01 | Soluble | Solid | DI Leach | |
| 890-5365-11 MS | FS07 | Soluble | Solid | DI Leach | |
| 890-5365-11 MSD | FS07 | Soluble | Solid | DI Leach | |

Analysis Batch: 63879

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-5365-1 | SW01 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-2 | SW02 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-3 | SW03 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-4 | SW04 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-5 | FS01 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-6 | FS02 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-7 | FS03 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-8 | FS04 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-9 | FS05 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-10 | FS06 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-11 | FS07 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-12 | FS08 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-13 | FS09 | Soluble | Solid | 300.0 | 63653 |
| MB 880-63653/1-A | Method Blank | Soluble | Solid | 300.0 | 63653 |
| LCS 880-63653/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 63653 |
| LCSD 880-63653/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 63653 |
| 890-5365-1 MS | SW01 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-1 MSD | SW01 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-11 MS | FS07 | Soluble | Solid | 300.0 | 63653 |
| 890-5365-11 MSD | FS07 | Soluble | Solid | 300.0 | 63653 |

Lab Chronicle

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: SW01

Lab Sample ID: 890-5365-1

Date Collected: 09/28/23 09:00

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 12:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 12:04 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 11:20 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 11:20 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/03/23 17:43 | CH | EET MID |

Client Sample ID: SW02

Lab Sample ID: 890-5365-2

Date Collected: 09/28/23 09:05

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 12:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 12:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 12:27 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 12:27 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/03/23 18:00 | CH | EET MID |

Client Sample ID: SW03

Lab Sample ID: 890-5365-3

Date Collected: 09/28/23 09:10

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 12:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 12:57 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 12:49 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 12:49 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/03/23 18:06 | CH | EET MID |

Client Sample ID: SW04

Lab Sample ID: 890-5365-4

Date Collected: 09/28/23 09:15

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 13:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 13:23 | SM | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: SW04

Lab Sample ID: 890-5365-4

Date Collected: 09/28/23 09:15

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 13:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 13:12 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/03/23 18:12 | CH | EET MID |

Client Sample ID: FS01

Lab Sample ID: 890-5365-5

Date Collected: 09/28/23 09:30

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 13:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 13:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 13:34 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 13:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/03/23 18:18 | CH | EET MID |

Client Sample ID: FS02

Lab Sample ID: 890-5365-6

Date Collected: 09/28/23 09:35

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 14:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 14:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 13:56 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 13:56 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/04/23 08:37 | CH | EET MID |

Client Sample ID: FS03

Lab Sample ID: 890-5365-7

Date Collected: 09/28/23 09:40

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 14:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 14:41 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 14:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 14:19 | SM | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: FS03

Lab Sample ID: 890-5365-7

Date Collected: 09/28/23 09:40

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 63879 | 10/04/23 08:43 | CH | EET MID |

Client Sample ID: FS04

Lab Sample ID: 890-5365-8

Date Collected: 09/28/23 09:45

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 15:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 15:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 14:41 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 14:41 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/04/23 08:49 | CH | EET MID |

Client Sample ID: FS05

Lab Sample ID: 890-5365-9

Date Collected: 09/28/23 10:00

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 15:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 15:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 15:03 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 15:03 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/04/23 08:55 | CH | EET MID |

Client Sample ID: FS06

Lab Sample ID: 890-5365-10

Date Collected: 09/28/23 10:05

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 16:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 16:06 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/03/23 15:25 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 63700 | 09/30/23 19:46 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63835 | 10/03/23 15:25 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/04/23 09:00 | CH | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1Job ID: 890-5365-1
SDG: 03C1558269

Client Sample ID: FS07

Lab Sample ID: 890-5365-11

Date Collected: 09/28/23 10:10

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 17:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 17:50 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/05/23 01:09 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 63936 | 10/04/23 09:49 | AM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63913 | 10/05/23 01:09 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 63879 | 10/04/23 09:06 | CH | EET MID |

Client Sample ID: FS08

Lab Sample ID: 890-5365-12

Date Collected: 09/28/23 10:15

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 18:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 18:16 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/05/23 01:31 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 63936 | 10/04/23 09:49 | AM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63913 | 10/05/23 01:31 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 63879 | 10/04/23 09:24 | CH | EET MID |

Client Sample ID: FS09

Lab Sample ID: 890-5365-13

Date Collected: 09/28/23 10:20

Matrix: Solid

Date Received: 09/28/23 11:46

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 63776 | 10/02/23 15:48 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64078 | 10/06/23 18:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 64290 | 10/06/23 18:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 63931 | 10/05/23 01:52 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 63936 | 10/04/23 09:49 | AM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 63913 | 10/05/23 01:52 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 63653 | 09/29/23 13:31 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 63879 | 10/04/23 09:29 | CH | EET MID |

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|------------|
| 8015 NM | | Solid | Total TPH |
| Total BTEX | | Solid | Total BTEX |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

| Method | Method Description | Protocol | Laboratory |
|-------------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | EET MID |
| Total BTEX | Total BTEX Calculation | TAL SOP | EET MID |
| 8015 NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 8015B NM | Diesel Range Organics (DRO) (GC) | SW846 | EET MID |
| 300.0 | Anions, Ion Chromatography | EPA | EET MID |
| 5035 | Closed System Purge and Trap | SW846 | EET MID |
| 8015NM Prep | Microextraction | SW846 | EET MID |
| DI Leach | Deionized Water Leaching Procedure | ASTM | EET MID |

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: NORTH INDIAN FLATS 26 FED 1

Job ID: 890-5365-1
SDG: 03C1558269

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---------------|------------------|--------|----------------|----------------|-------|
| 890-5365-1 | SW01 | Solid | 09/28/23 09:00 | 09/28/23 11:46 | 0-4 |
| 890-5365-2 | SW02 | Solid | 09/28/23 09:05 | 09/28/23 11:46 | 0-4 |
| 890-5365-3 | SW03 | Solid | 09/28/23 09:10 | 09/28/23 11:46 | 0-4 |
| 890-5365-4 | SW04 | Solid | 09/28/23 09:15 | 09/28/23 11:46 | 0-4 |
| 890-5365-5 | FS01 | Solid | 09/28/23 09:30 | 09/28/23 11:46 | 4 |
| 890-5365-6 | FS02 | Solid | 09/28/23 09:35 | 09/28/23 11:46 | 4 |
| 890-5365-7 | FS03 | Solid | 09/28/23 09:40 | 09/28/23 11:46 | 4 |
| 890-5365-8 | FS04 | Solid | 09/28/23 09:45 | 09/28/23 11:46 | 4 |
| 890-5365-9 | FS05 | Solid | 09/28/23 10:00 | 09/28/23 11:46 | 4 |
| 890-5365-10 | FS06 | Solid | 09/28/23 10:05 | 09/28/23 11:46 | 4 |
| 890-5365-11 | FS07 | Solid | 09/28/23 10:10 | 09/28/23 11:46 | 4 |
| 890-5365-12 | FS08 | Solid | 09/28/23 10:15 | 09/28/23 11:46 | 4 |
| 890-5365-13 | FS09 | Solid | 09/28/23 10:20 | 09/28/23 11:46 | 4 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Environment Testing
 Xenco

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
 El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 2

| | | | |
|------------------|-------------------------|-------------------------|------------------------------|
| Project Manager: | Ben Belli | Bill to: (if different) | Garrett Green |
| Company Name: | Ensolum | Company Name: | XTO Energy |
| Address: | 3122 National Parks Hwy | Address: | 3104 E. Green St. |
| City, State ZIP: | Carlsbad, NM 88220 | City, State ZIP: | Carlsbad, NM 88220 |
| Phone: | 303-887-2946 | Email: | Garrett.Green@ExxonMobil.com |

| | |
|--|--|
| Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: _____ Reporting: Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____ | |
| Work Order Comments _____ _____ _____ | |

| Project Name: | | North Indian Flats 26 Fed 1 | | Turn Around | | Pres. Code | | ANALYSIS REQUEST | | | | | | | | | | Preservative Codes | |
|--------------------------|--|-----------------------------|--|--|--|--------------|--|------------------|--|-----------|--|-----------|--|---|--|---|--|--------------------|--|
| Project Number: | | 03C1558269 | | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush <th colspan="2"></th> <th colspan="2"></th> <th colspan="2"></th> <th colspan="2"></th> <th colspan="2"></th> <th colspan="2">None: NO DI Water: H₂O</th> | | | | | | | | | | | | None: NO DI Water: H ₂ O | | | |
| Project Location: | | | | Due Date: | | | | | | | | | | | | Cool: Cool MeOH: Me | | | |
| Sampler's Name: | | Connor Whitman | | TAT starts the day received by the lab, if received by 4:30pm | | | | | | | | | | | | HCL: HC HNO ₃ : HN | | | |
| PO #: | | | | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ NaOH: Na | | | |
| SAMPLE RECEIPT: | | Temp Blank: | | Yes No | | Wet Ice: | | Yes No | | | | | | | | H ₃ PO ₄ : HP | | | |
| Samples Received Intact: | | Yes No | | Thermometer ID: | | TMM007 | | | | | | | | | | NaHSO ₄ : NABIS | | | |
| Cooler Custody Seals: | | Yes No | | Correction Factor: | | 0.8 | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | | | |
| Sample Custody Seals: | | Yes No | | Temperature Reading: | | 3.8 | | | | | | | | | | Zn Acetate+NaOH: Zn | | | |
| Total Containers: | | Yes No | | Corrected Temperature: | | 3.6 | | | | | | | | | | NaOH+Ascorbic Acid: SASC | | | |
| Sample Identification | | Matrix | | Date Sampled | | Time Sampled | | Depth | | Grab/Comp | | # of Cont | | | | Sample Comments | | | |
| SW01 | | S | | 9/28/2023 | | 9:00 | | 0 - 4 | | Comp | | 1 | | X | | Incident ID: | | | |
| SW02 | | S | | 9/28/2023 | | 9:05 | | 0 - 4 | | Comp | | 1 | | X | | nAPP2323653065 | | | |
| SW03 | | S | | 9/28/2023 | | 9:10 | | 0 - 4 | | Comp | | 1 | | X | | | | | |
| SW04 | | S | | 9/28/2023 | | 9:15 | | 0 - 4 | | Comp | | 1 | | X | | | | | |
| FS01 | | S | | 9/28/2023 | | 9:30 | | 4 | | Comp | | 1 | | X | | | | | |
| FS02 | | S | | 9/28/2023 | | 9:35 | | 4 | | Comp | | 1 | | X | | Cost Center: | | | |
| FS03 | | S | | 9/28/2023 | | 9:40 | | 4 | | Comp | | 1 | | X | | 1657411001 | | | |
| FS04 | | S | | 9/28/2023 | | 9:45 | | 4 | | Comp | | 1 | | X | | AFE: | | | |
| FS05 | | S | | 9/28/2023 | | 10:00 | | 4 | | Comp | | 1 | | X | | | | | |
| FS06 | | S | | 9/28/2023 | | 10:05 | | 4 | | Comp | | 1 | | X | | | | | |

| | | | |
|--|---------------|---|---|
| Total 200.7 / 6010 | 200.8 / 6020: | 8RCRA 13PPM Texas 11 | Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn |
| Circle Method(s) and Metal(s) to be analyzed | | TC1P / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471 | |

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$95.00 will be applied to each project and a charge of \$3 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|------------------------------|--------------------------|-----------|
| <i>Lib</i> | <i>Garrett Green</i> | 9/28 1146 |
| | | |
| | | |
| | | |

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-5365-1

SDG Number: 03C1558269

Login Number: 5365

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

| 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. | N/A | Refer to Job Narrative for details. |
| 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 <6mm (1/4"). | N/A | |

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-5365-1

SDG Number: 03C1558269

Login Number: 5365

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 09/29/23 11:04 AM

| 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 <6mm (1/4"). | N/A | |



APPENDIX D

NMOCD Notifications

From: [Rodgers, Scott, EMNRD](#)
To: [Green, Garrett J](#); [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Velez, Nelson, EMNRD](#)
Cc: [Ben Belill](#); [DelawareSpills /SM](#); [Collins, Melanie](#)
Subject: RE: [EXTERNAL] XTO - Sampling Notification (Week of 9/25/23 - 9/29/23)
Date: Wednesday, September 20, 2023 5:41:28 PM

You don't often get email from scott.rodgers@emnrd.nm.gov. [Learn why this is important](#)

[**EXTERNAL EMAIL]**

The OCD has received your notification. When reporting sampling at multiple locations it is required to provide and date and time for each location. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Scott Rodgers • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



From: Green, Garrett J <garrett.green@exxonmobil.com>
Sent: Wednesday, September 20, 2023 3:18 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ben Belill <bbelill@ensolum.com>; DelawareSpills /SM <DelawareSpills@exxonmobil.com>; Collins, Melanie <melanie.collins@exxonmobil.com>
Subject: [EXTERNAL] XTO - Sampling Notification (Week of 9/25/23 - 9/29/23)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

XTO plans to complete final sampling activities at the sites listed below for the week of September 25, 2023.

Monday

- JRU 21 DI 9 Riser / NAPP2322141858
- Poker Lake Unit 301H / NAPP2322646789

Tuesday

- North Indian Flats 26 Fed 1 / nAPP2323653065
- Poker Lake Unit 301H / NAPP2322646789

Wednesday

- North Indian Flats 26 Fed 1 / nAPP2323653065
- BEU 70 / NAPP2318139530

Thursday

- PLU 15 Twin Wells Ranch CTB / Napp2323449490
- Perla Verde 31 State Battery / nAPP2322751480 (SLO)

Thank you,

Garrett Green

Environmental Coordinator

Delaware Business Unit

(575) 200-0729

Garrett.Green@ExxonMobil.com

XTO Energy, Inc.

3104 E. Greene Street | Carlsbad, NM 88220 | M: (575)200-0729

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

Action 284407

CONDITIONS

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 284407 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| bhall | Closure approved. A reclamation report will need to be submitted and include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. | 3/11/2024 |
| bhall | Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures of revegetation. | 3/11/2024 |
| bhall | Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website. | 3/11/2024 |