Northeast Blanco Unit 438A/ Spill ID nAPP2535052037

Simcoe Energy LLC
1199 Main Ave, Suite 101
Durango, CO 81301

To whom it may concern,

**Event Background:**

On 12/16/2025 at approximately 10:00am a transfer pump failed on the NEBU 438A causing the produced water tank on site to overflow and release into the secondary containment. Approximately 75.7 BBLS of produced water was released and an estimated 70 BBLS was recovered. Initial delineation soil sampling indicated no impact in the release area or outside of the secondary containment. Confirmation soil sampling was conducted on 1/21/2026 with results returning below the strictest standards on Table 1 of NMAC 19.15.29.

**Site Assessment:**

1. Potential impacts from contaminates of concern.
    a. Produced water of Fruitland coal gas production impacts to soil.
2. Distance to nearest surface water, irrigation, or waters of the US
    a. 1050' East of the release.
3. Distance to nearest permitted well
    a. Domestic well SJ-03685 is located 8726' north of the location.
    b. Total well depth – 460'
    c. Static water level – 310'
    d. See attached document and map.
4. Geologic and Hydrological characteristics
    a. Soil type - Penistaja-Buckle association, gently sloping.
    b. Seasonal hydrological characteristics include runoff from snowmelt and rain.
    c. Soil report attached.
5. Determination of cleanup standards
    a. Due to ground water estimated to be greater than 100' in depth Simcoe would propose cleaning up to the GW > 100' in depth criteria. However the sampling results from confirmation do meet the strictest standard of Table 1.

**Remediation Plan:**

1. Simcoe is proposing no remediation due to delineation and confirmation soil sampling meeting the strictest threshold in Table 1 of NMAC 19.15.29

Simcoe Energy LLC
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Durango, CO 81301

2. Simcoe is not planning any interim reclamation due to the release area remaining within the secondary containment of an active wellsite.
3. Re-seeding will not occur for the reasons stated above.

**Soil Sampling**

1. Sampling an analysis:
    a. Soil samples were collected on 12/23/2025 for initial assessment and delineation. They were analyzed for TPH, BTEX, Benzene and Chlorides.
    b. Soil samples were collected on 1/21/2026 for final confirmation and analyzed for TPH, BTEX, Benzene and Chlorides.
    c. Results indicate no impact to soil compared to NMAC 19.15.29 Table 1.
    d. A map is attached for soil sampling locations.

**Notifications**

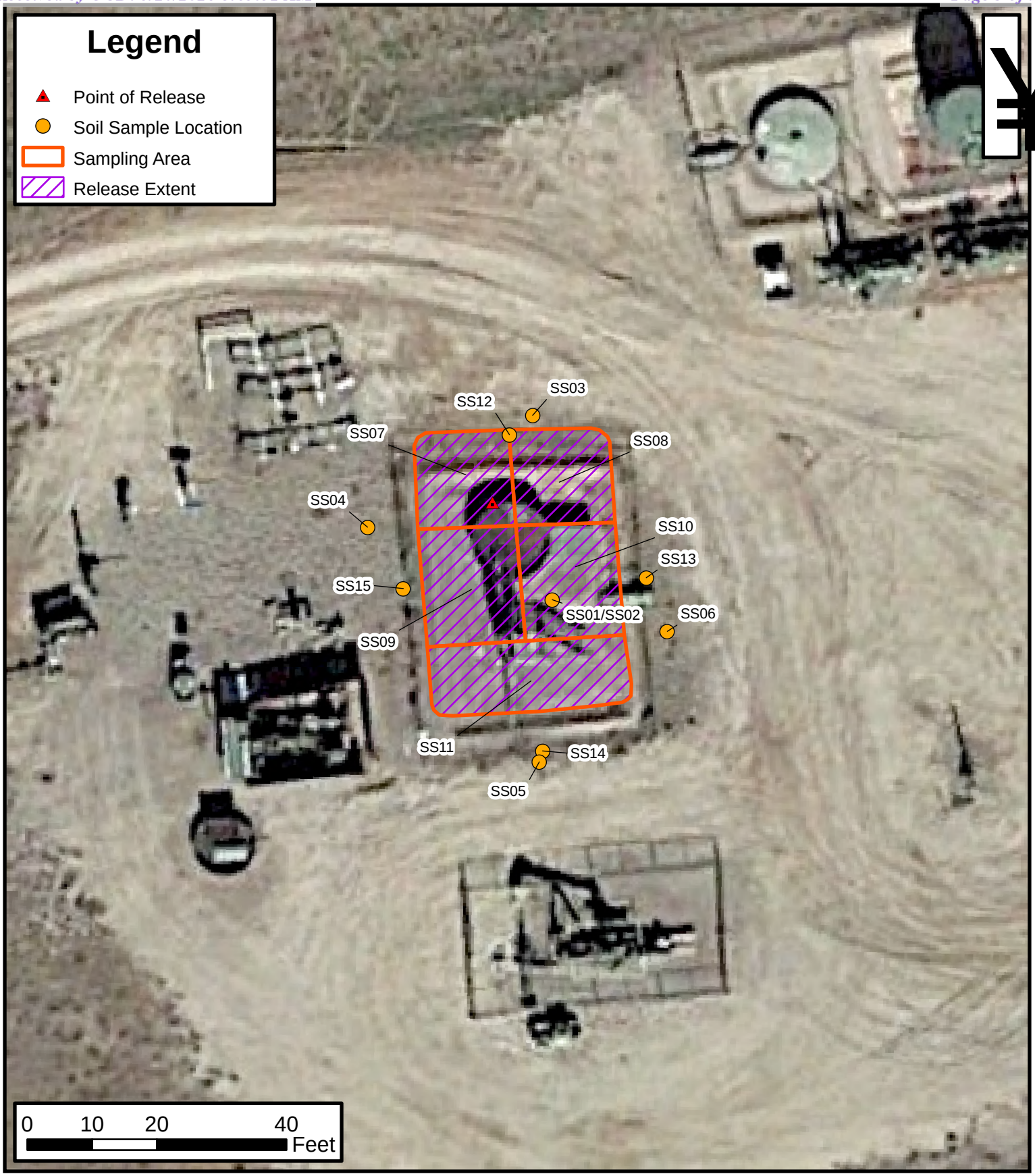
Per NMAC 19.15.29.10 the NMOCD was notified by NOR 12/16/2025, and C-141 submission on 12/18/2025.

An Undesirable Event form was submitted to the BLM on 12/18/2025

Per NMAC 19.15.29.12.D.1.a, the NMOCD was notified on 12/19/2025 by C-141N of sampling occurring on 12/23/2025. The NMOCD was again notified by C-141N on 1/16/2026 of sampling occurring on 1/21/2026.

**Conclusion**

Closure sampling results indicate that no contamination remains in the soil impacted by the release. Sampling results are below the most stringent standards set by NMAC Table 1. Simcoe is requesting closure of this release.

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Environmental, Engineering and Hydrogeologic Consultants

# Project Map

NEBU #438A
Simcoe LLC

36.894598, -107.503893
San Juan County, New Mexico

**FIGURE**

**1**

Sources: Google Earth (2016)

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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



## QUESTIONS

| | |
|---|---|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736 |
| | Action Number:<br>535914 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2535052037** |
| Incident Name | **NAPP2535052037 NORTHEAST BLANCO UNIT 438A @ 30-045-32280** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Initial C-141 Received** |
| Incident Well | **[30-045-32280] NORTHEAST BLANCO UNIT #438A** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | Northeast Blanco Unit 438A |
| Date Release Discovered | 12/16/2025 |
| Surface Owner | Federal |

| **Incident Details** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| **Nature and Volume of Release** | |
|---|---|
| *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Overflow - Tank, Pit, Etc. \| Tank (Any) \| Produced Water \| Released: 76 BBL \| Recovered: 70 BBL \| Lost: 6 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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# Energy, Minerals and Natural Resources
# Oil Conservation Division
# 1220 S. St Francis Dr.
# Santa Fe, NM 87505



## QUESTIONS (continued)

| Operator: | OGRID: |
|---|---|
| SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | 329736 |
| | Action Number:<br>535914 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| **Nature and Volume of Release (continued)** | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | **Yes** |
| Reasons why this would be considered a submission for a notification of a major release | **From paragraph A. "Major release" determine using:**<br>**(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.** |

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

| **Initial Response** | |
|---|---|
| *The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | *Not answered.* |

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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.

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Jerrid Brann<br>Title: Environmental Coordinator<br>Email: jerrid.brann@machnr.com<br>Date: 12/18/2025 |

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# Energy, Minerals and Natural Resources
# Oil Conservation Division
# 1220 S. St Francis Dr.
# Santa Fe, NM 87505



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736 |
| | Action Number:<br>535914 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**QUESTIONS**

| **Site Characterization** | |
|---|---|
| *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs) | *Not answered.* |
| What method was used to determine the depth to ground water | *Not answered.* |
| Did this release impact groundwater or surface water | *Not answered.* |
| **What is the minimum distance, between the closest lateral extents of the release and the following surface areas:** | |
| A continuously flowing watercourse or any other significant watercourse | *Not answered.* |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | *Not answered.* |
| An occupied permanent residence, school, hospital, institution, or church | *Not answered.* |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | *Not answered.* |
| Any other fresh water well or spring | *Not answered.* |
| Incorporated municipal boundaries or a defined municipal fresh water well field | *Not answered.* |
| A wetland | *Not answered.* |
| A subsurface mine | *Not answered.* |
| An (non-karst) unstable area | *Not answered.* |
| Categorize the risk of this well / site being in a karst geology | *Not answered.* |
| A 100-year floodplain | *Not answered.* |
| Did the release impact areas not on an exploration, development, production, or storage site | *Not answered.* |

| **Remediation Plan** | |
|---|---|
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| Requesting a remediation plan approval with this submission | No |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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

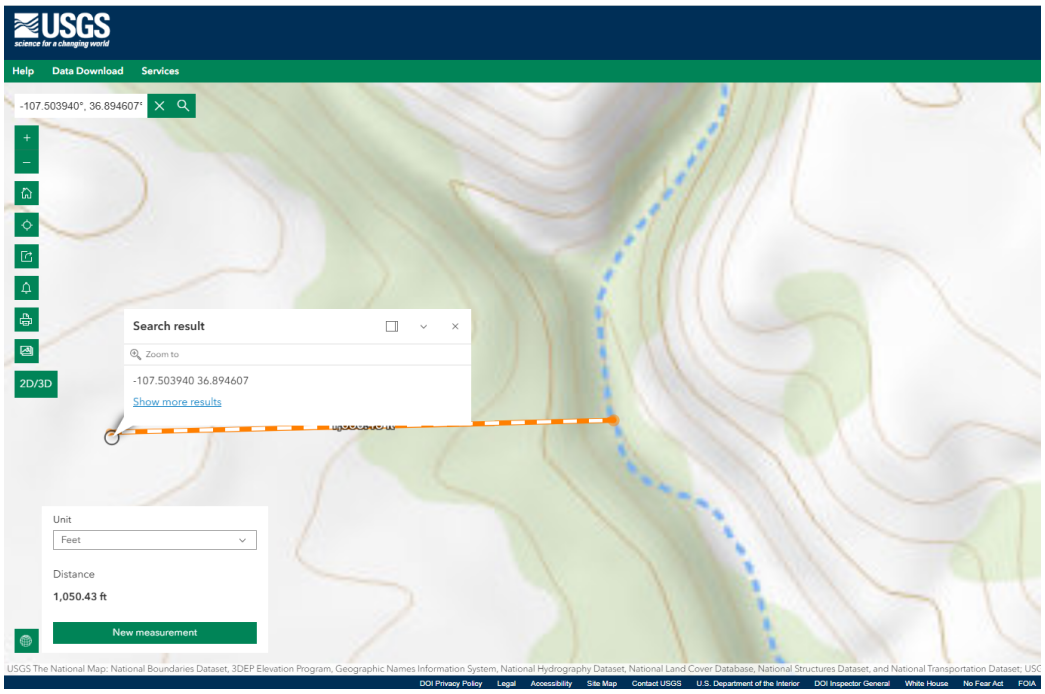


## CONDITIONS

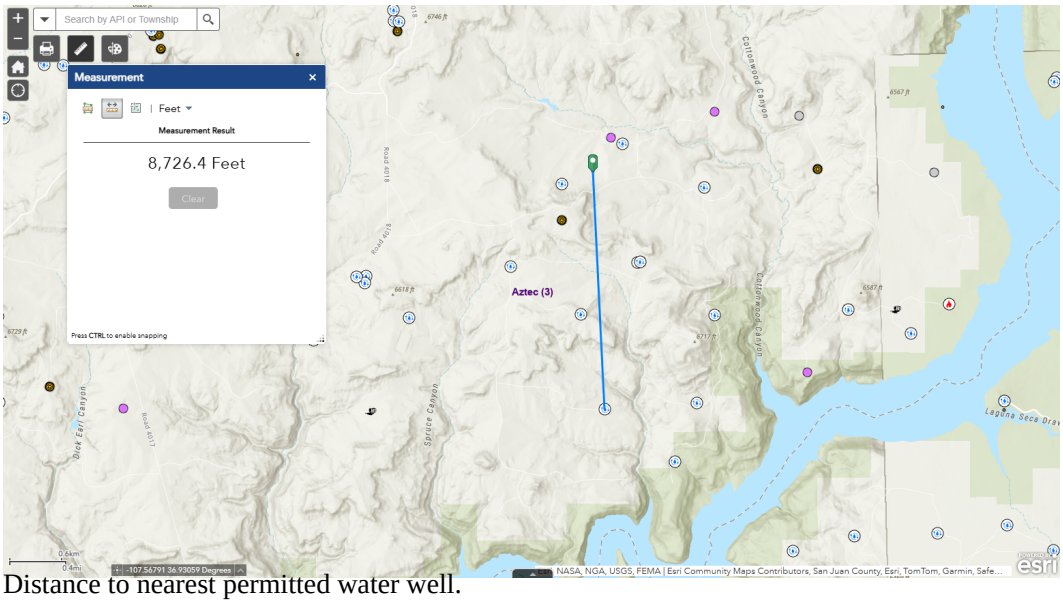
| Operator: | OGRID: |
|---|---|
| SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | 329736 |
| | Action Number:<br>535914 |
| | Action Type:<br>[C-141] Initial C-141 (C-141-v-Initial) |

**CONDITIONS**

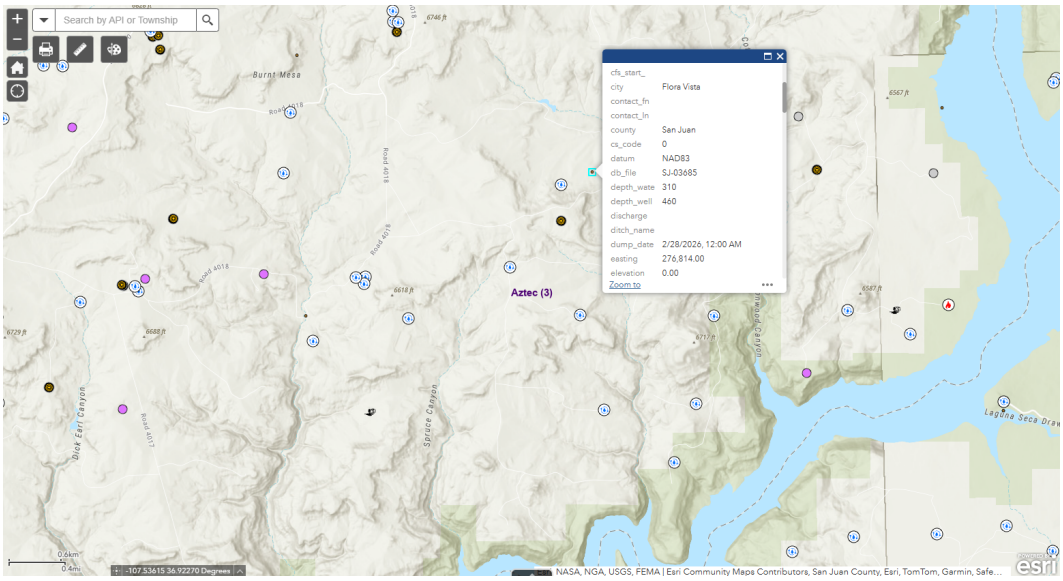
| Created By | Condition | Condition Date |
|---|---|---|
| scwells | Initial C-141 approved. A remediation plan or a remediation closure report is due to the OCD by 3/16/2026. | 12/18/2025 |



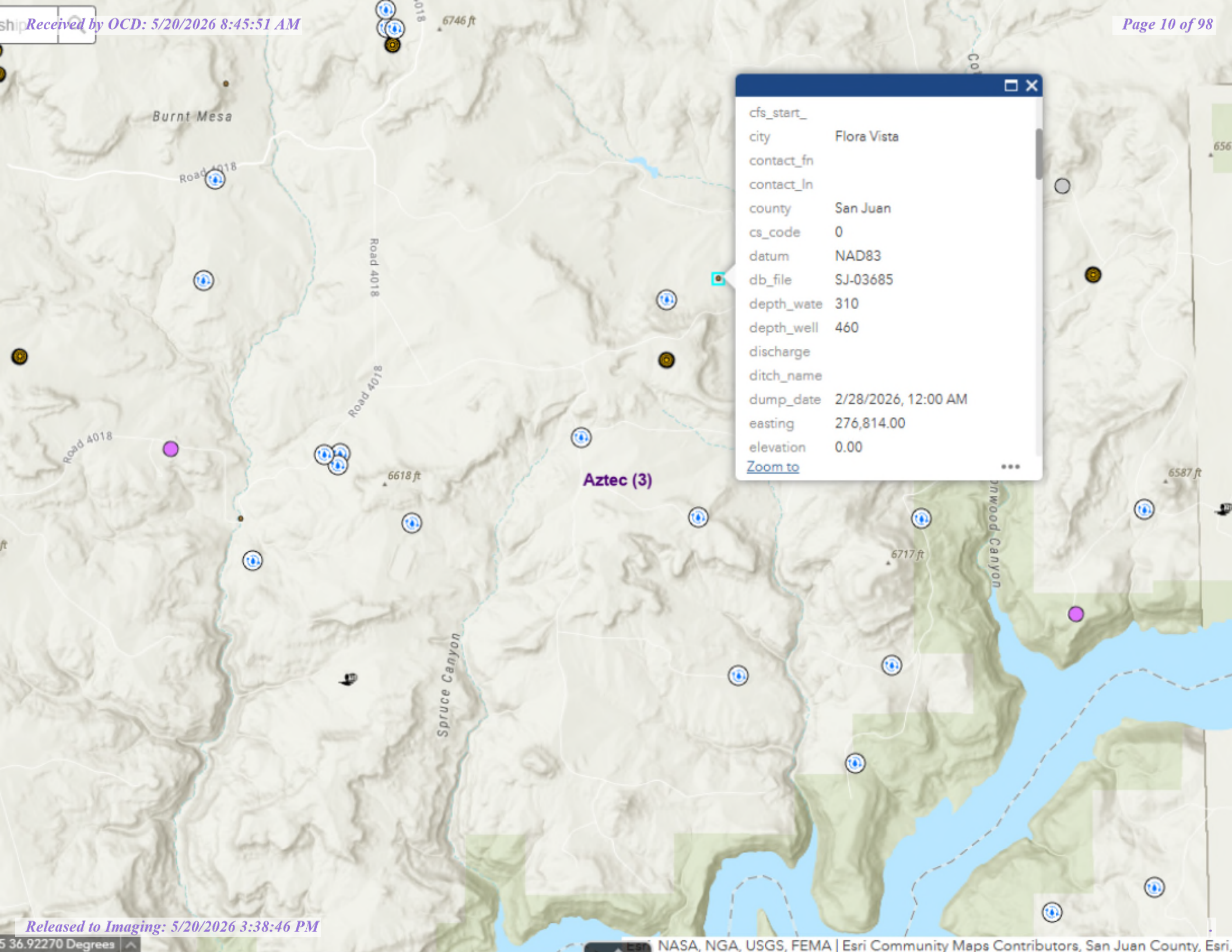

.Distance to nearest surface water.




Distance to nearest permitted water well.




Water well information


Burnt Mesa
Road 4018
Road 4018
Road 4018
6746 ft
6618 ft
6717 ft
6587 ft
Aztec (3)
Spruce Canyon
Canyon
cfs_start_
city Flora Vista
contact_fn
contact_ln
county San Juan
cs_code 0
datum NAD83
db_file SJ-03685
depth_wate 310
depth_well 460
discharge
ditch_name
dump_date 2/28/2026, 12:00 AM
easting 276,814.00
elevation 0.00
Zoom to
NASA, NGA, USGS, FEMA | Esri Community Maps Contributors, San Juan County, Esri,

Revised June 1972

STATE ENGINEER OFFICE

# WELL RECORD

## Section 1. GENERAL INFORMATION

(A) Owner of well Dee Giles Owner's Well No. 1
Street or Post Office Address PO Box 1315
City and State Flora Vista, NM 87415

Well was drilled under Permit No. SJ-3685 and is located in the:

a. ___ ¼ SE ¼ NE ¼NW ¼ of Section 7 Township 31N Range 6W N.M.P.M.

b. Tract No. ___ of Map No. ___ of the ___

c. Lot No. ___ of Block No. ___ of the ___
Subdivision, recorded in San Juan County.

d. X= ___ feet, Y= ___ feet, N.M. Coordinate System ___ Zone in the ___ Grant.

(B) Drilling Contractor 3D Drilling License No. WD-1479

Address PO Box 1297 Flora Vista, NM 87415

Drilling Began 3/03/06 Completed 03/03/06 Type tools Top Drive Size of hole 7.44 in.

Elevation of land surface or ___ at well is ___ ft. Total depth of well 460 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 310 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 420 | 440 | 20 | Sandstone and shell | 1 |
| | | | | |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 6 5/8 | 12.92 | weld | 0 | 460 | 460 | Drilldex 6 | 420 | 460 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

| Depth in Feet From | Depth in Feet To | Hole Diameter | Sacks of Mud | Cubic Feet of Cement | Method of Placement |
|---|---|---|---|---|---|
| 0 | 100 | 8 3/4" | 50 | | treme pipe |
| | | | | | |
| | | | | | |

2006 MAR 22 8 32
STATE ENGR OFFICE
AZTEC, NM

## Section 5. PLUGGING RECORD

Plugging Contractor ___
Address ___
Plugging Method ___
Date Well Plugged ___
Plugging approved by:
___
State Engineer Representative

| No. | Depth in Feet Top | Depth in Feet Bottom | Cubic Feet of Cement |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |

FOR USE OF STATE ENGINEER ONLY

Date Received March 22, 2006
Quad ___ FWL ___ FSL ___
File No. SJ-3685 Use Domestic Location No. 31N.6W.7.124

Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 20 | 60 | Brown Clay |
| 20 | 460 | 440 | Blue Shell and Sandstone |
| | | | |
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Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Dd Hiles

Driller

INSTRUCTIONS: This form should be executed in triplicate, ~~preferably~~ typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

| | | |
|---|---|---|
| **Length of Spill=** | 27.00 | feet |
| **Width of Spill=** | 42.00 | feet |
| **Saturation (or depth) of Spill=** | 4.50 | inches |

**OR**

| | | |
|---|---|---|
| **Area=** | | $ft^2$ |
| **Saturation (or depth) of Spill=** | | inches |

**OR**

| | | |
|---|---|---|
| **Soil Volume=** | | $yd^3$ |

| | | |
|---|---|---|
| **Oil Cut=** | - | % Oil |
| | 1.00 | |

| | | |
|---|---|---|
| | | $yd^3$ |
| **Oil** | **-** | barrels |
| **Water** | **75.74** | barrels |

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**Table 1**
**Soil Sampling Results**
**NEBU #438A**
**Simcoe LLC**

| Parameter | SS01<br>12/23/2025<br>Release Area | SS02<br>12/23/2025<br>Vertical Delineation | SS03<br>12/23/2025<br>North of Release | SS04<br>12/23/2025<br>West of Release | SS05<br>12/23/2025<br>South of Release | SS06<br>12/23/2025<br>East of Release | Units |
|---|---|---|---|---|---|---|---|
| Depth | 0-1 | 3 | 0-1 | 1.5 | 1.5 | 1.5 | feet bgs |
| PID | 0.3 | 0.1 | 0.1 | 0.0 | 0.2 | 0.2 | ppm |
| Chloride | 244 | 346 | <20.0 | <20.0 | <20.0 | 35.6 | mg/kg |
| Benzene | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Toluene | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Ethylbenzene | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Total Xylenes | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Total BTEX | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | mg/kg |
| TPH (GRO) | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | mg/kg |
| TPH (DRO) | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | mg/kg |
| TPH (EXT DRO) | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | mg/kg |
| Total TPH | <95.0 | <95.0 | <95.0 | <95.0 | <95.0 | <95.0 | mg/kg |

**Notes:** SS01-SS06 & SS12-SS15 collected as discrete samples. SS07-SS11 collected as five-point composite samples.
PID - Photoionization Detector
BTEX - Benzene, Toluene, Ethylbenzene, & Total Xylenes
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
EXT - Extended
ppm - parts per million
bgs - below ground surface
mg/kg - milligrams per kilogram

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**Table 1 (continued)**
**Soil Sampling Results**
**NEBU #438A**
**Simcoe LLC**

| Parameter | SS07<br>1/21/2026<br>Northwest Portion of Release | SS08<br>1/21/2026<br>Northeast Portion of Release | SS09<br>1/21/2026<br>West Portion of Release | SS10<br>1/21/2026<br>East Portion of Release | SS11<br>1/21/2026<br>South Portion of Release | SS12<br>4/24/2026<br>North of Release | Units |
|---|---|---|---|---|---|---|---|
| Depth | 0-0.67 | 0-0.67 | 0-0.67 | 0-0.67 | 0-0.67 | 0-0.5 | feet bgs |
| PID | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | ppm |
| Chloride | 142 | 261 | 315 | 342 | 255 | 81.2 | mg/kg |
| Benzene | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Toluene | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Ethylbenzene | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Total Xylenes | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Total BTEX | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | <0.100 | mg/kg |
| TPH (GRO) | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | mg/kg |
| TPH (DRO) | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | mg/kg |
| TPH (EXT DRO) | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | mg/kg |
| Total TPH | <95.0 | <95.0 | <95.0 | <95.0 | <95.0 | <95.0 | mg/kg |

**Notes:** SS01-SS06 & SS12-SS15 collected as discrete samples. SS07-SS11 collected as five-point composite samples.
PID - Photoionization Detector
BTEX - Benzene, Toluene, Ethylbenzene, & Total Xylenes
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
EXT - Extended
ppm - parts per million
bgs - below ground surface
mg/kg - milligrams per kilogram

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**Table 1 (continued)**
**Soil Sampling Results**
**NEBU #438A**
**Simcoe LLC**

| Parameter | SS13<br>4/24/2026<br>East of Release | SS14<br>4/24/2026<br>South of Release | SS15<br>4/24/2026<br>West of Release | Units |
|---|---|---|---|---|
| Depth | 0-0.5 | 0-0.5 | 0-0.5 | feet bgs |
| PID | 0.0 | 0.0 | 0.0 | ppm |
| Chloride | <20.0 | <20.0 | <20.0 | mg/kg |
| Benzene | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Toluene | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Ethylbenzene | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Total Xylenes | <0.0250 | <0.0250 | <0.0250 | mg/kg |
| Total BTEX | <0.100 | <0.100 | <0.100 | mg/kg |
| TPH (GRO) | <20.0 | <20.0 | <20.0 | mg/kg |
| TPH (DRO) | <25.0 | <25.0 | <25.0 | mg/kg |
| TPH (EXT DRO) | <50.0 | <50.0 | <50.0 | mg/kg |
| Total TPH | <95.0 | <95.0 | <95.0 | mg/kg |

**Notes:** SS01-SS06 & SS12-SS15 collected as discrete samples. SS07-SS11 collected as five-point composite samples.
PID - Photoionization Detector
BTEX - Benzene, Toluene, Ethylbenzene, & Total Xylenes
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
EXT - Extended
ppm - parts per million
bgs - below ground surface
mg/kg - milligrams per kilogram

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**


Photo 1: NEBU #438A well sign.

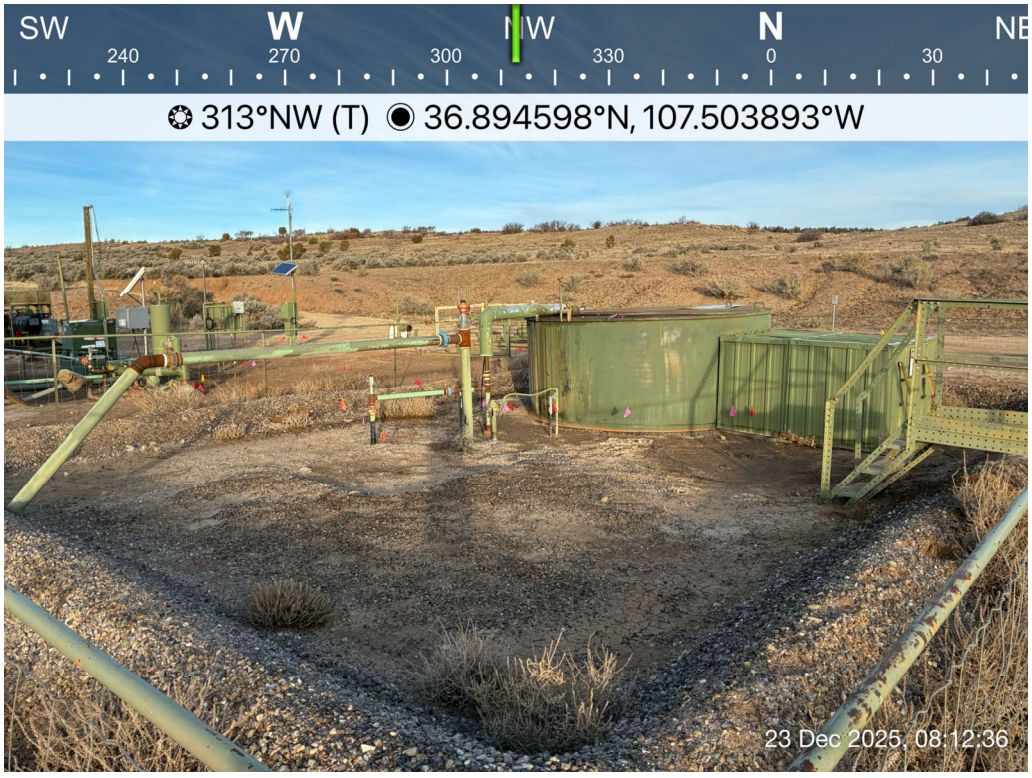



Photo 2: Release area.

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**

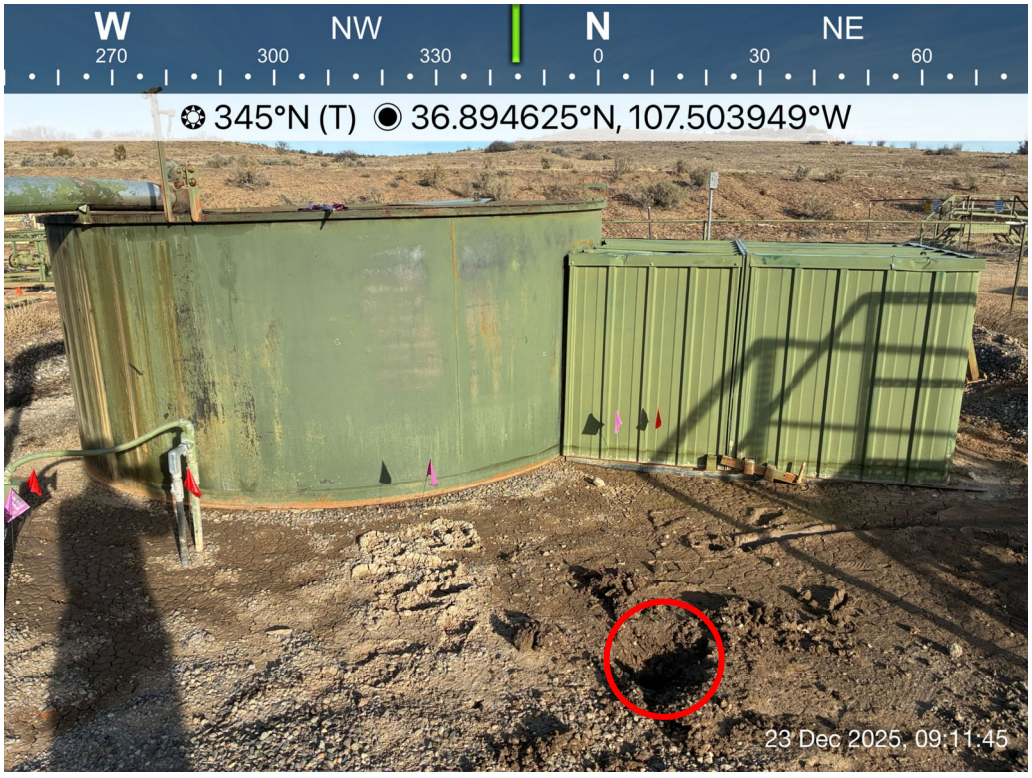



Photo 3: SS01 and SS02 collected from the release area, SS02 collected as a vertical delineation sample three feet below ground surface.


Photo 4: SS03 collected north of the release area.

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**

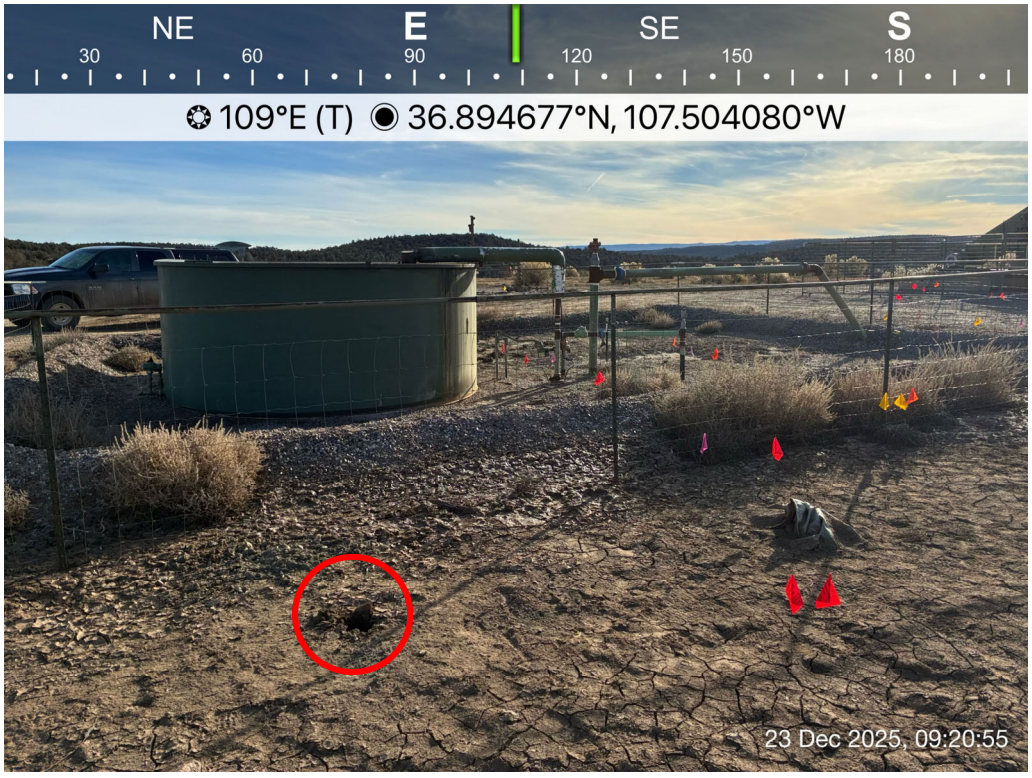



Photo 5: SS04 collected west of the release area.

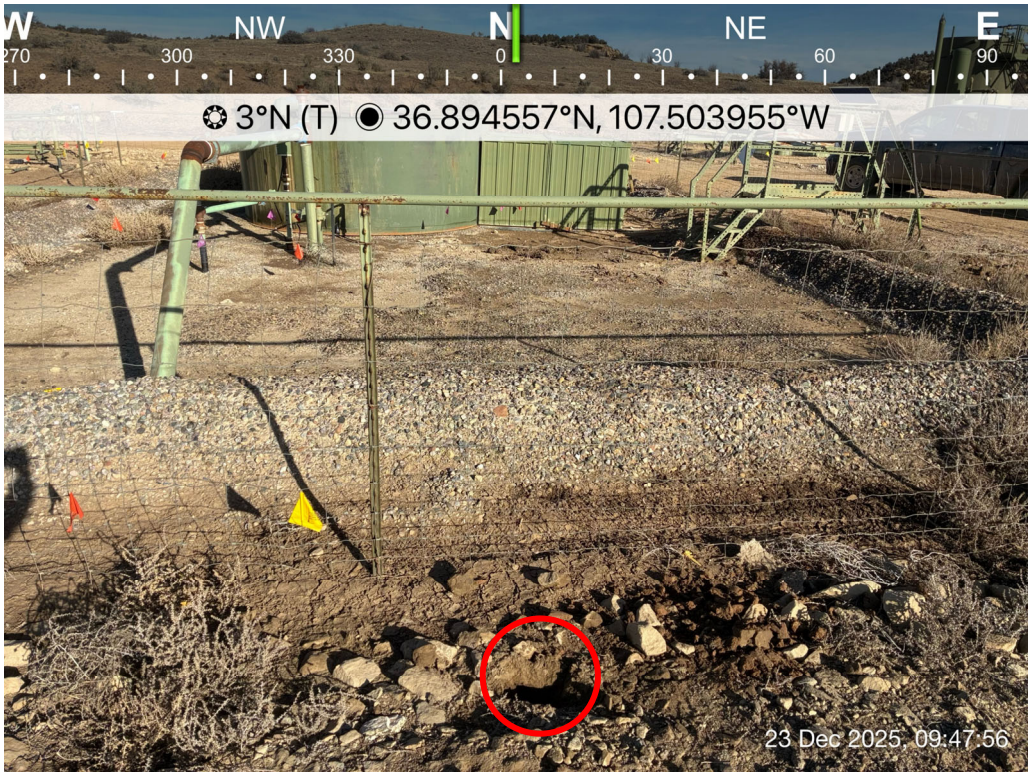



Photo 6: SS05 collected south of the release area.

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**

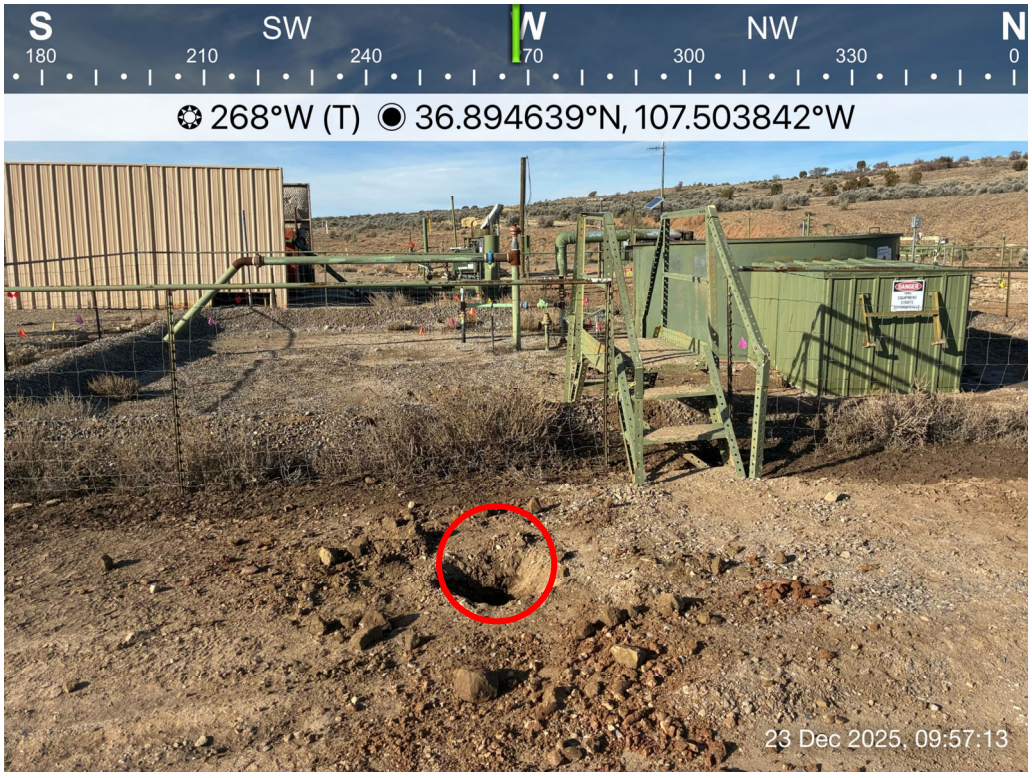



Photo 7: SS06 collected east of the release area.

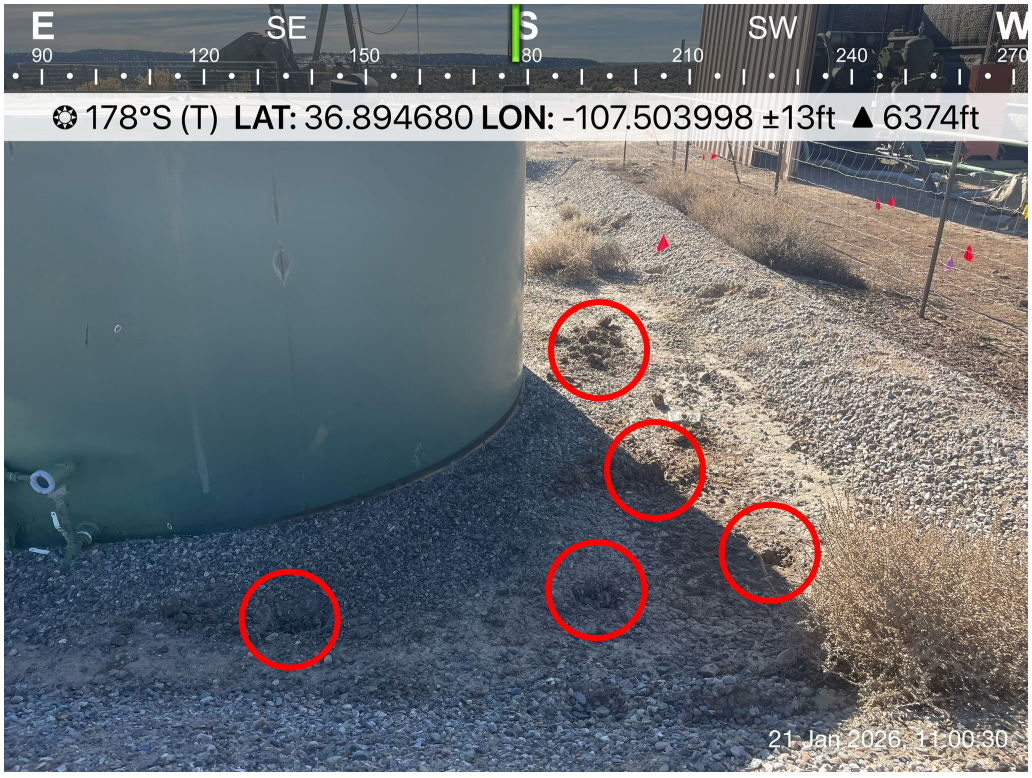



Photo 8: SS07 collected as a five-point composite sample from northwest portion of release area.

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**

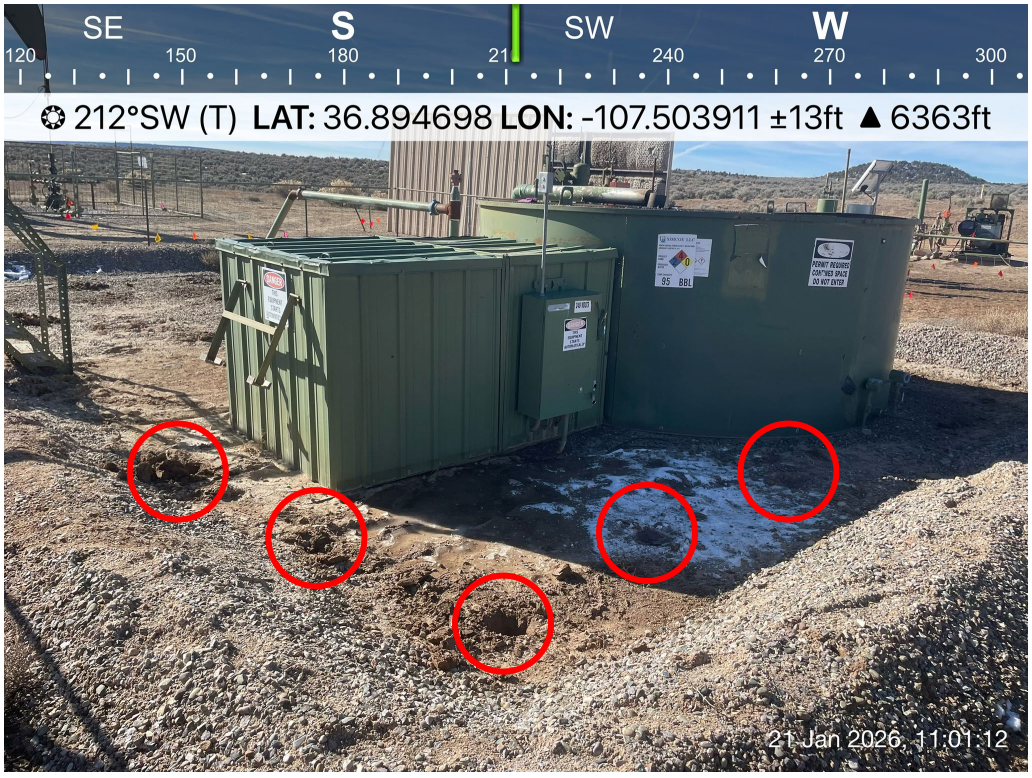



Photo 9: SS08 collected as a five-point composite sample from northeast portion of release area.


Photo 10: SS09 collected as a five-point composite sample from west portion of release area.

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**

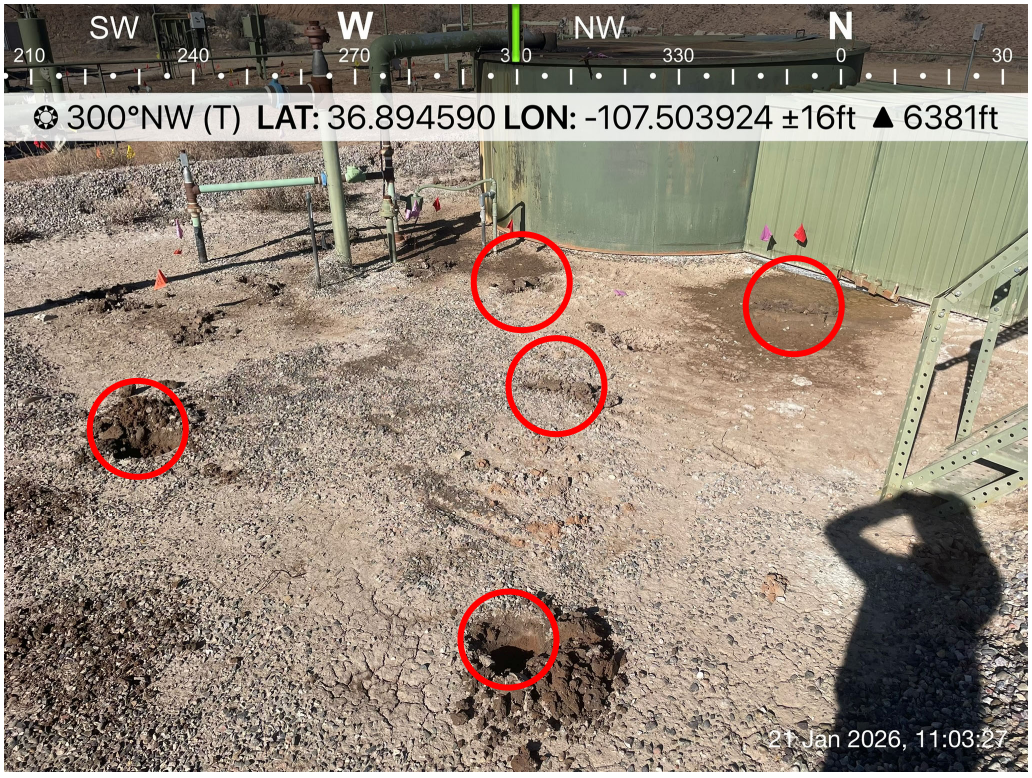



Photo 11: SS10 collected as a five-point composite sample from east portion of release area.

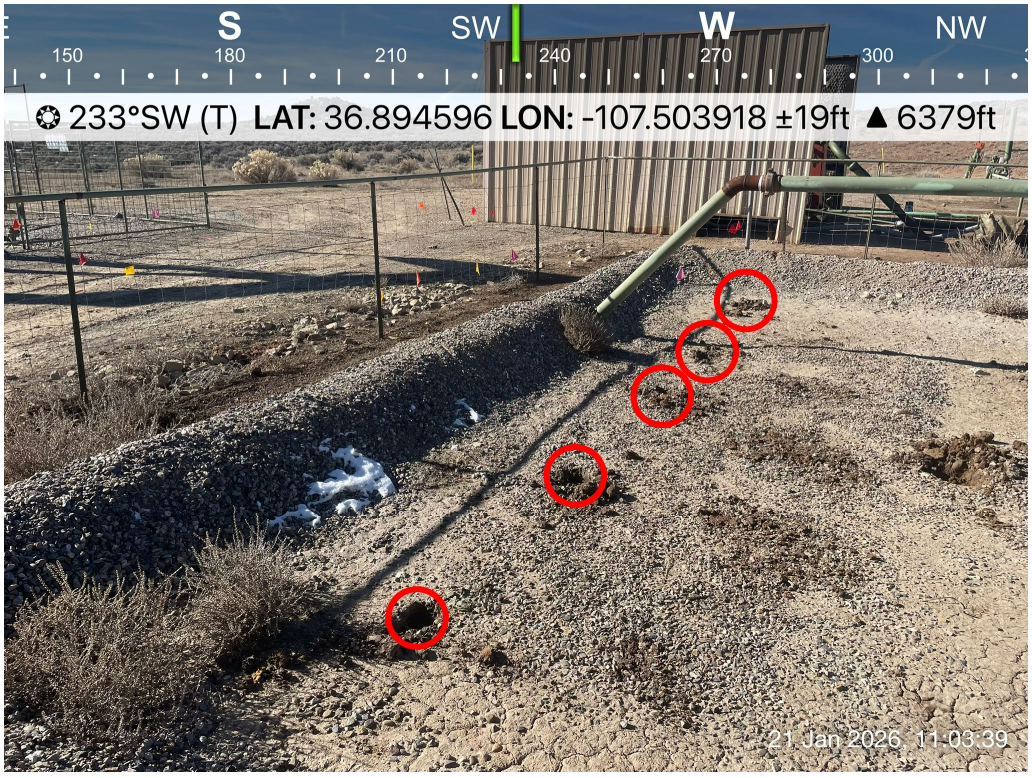



Photo 12: SS11 collected as a five-point composite sample from south portion of release area.

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**


Photo 13: SS12 collected north of the release area.


Photo 14: SS13 collected east of the release area.

ENSOLUM

**NEBU #438A**
**Photographic Log**
**SIMCOE LLC**


Photo 15: SS14 collected south of the release area.

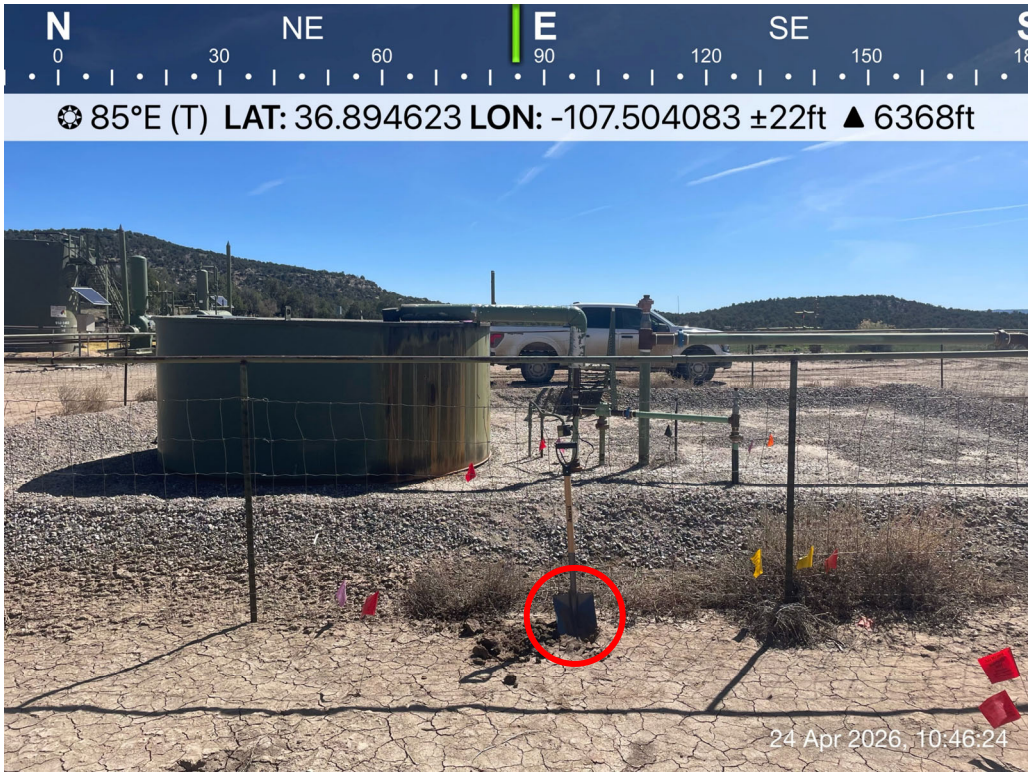
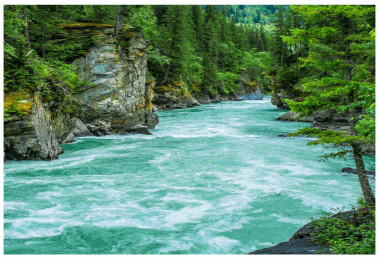
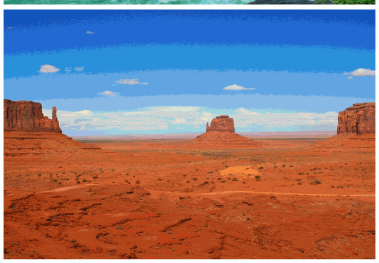



Photo 16: SS15 collected west of the release area.

Report to:

Kyle Siesser





5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Cottonwood Consulting

| | |
|---|---|
| Project Name: | NEBU #438A |
| Work Order: | E512215 |
| Job Number: | 20035-C-0001 |
| Received: | 12/23/2025 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/6/26

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

Date Reported: 1/6/26

Kyle Siesser
PO Box 1653
Durango, CO 81302

Project Name: NEBU #438A
Workorder: E512215
Date Received: 12/23/2025 12:46:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/23/2025 12:46:00PM, under the Project Name: NEBU #438A.

The analytical test results summarized in this report with the Project Name: NEBU #438A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 01/06/26 08:29 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SS01 | E512215-01A | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| | E512215-01B | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| SS02 | E512215-02A | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| | E512215-02B | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| SS03 | E512215-03A | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| | E512215-03B | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| SS04 | E512215-04A | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| | E512215-04B | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| SS05 | E512215-05A | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| | E512215-05B | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| SS06 | E512215-06A | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |
| | E512215-06B | Soil | 12/23/25 | 12/23/25 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

**SS01**

**E512215-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Benzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Toluene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/29/25 | 12/29/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.4 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KH | | | Batch: 2553008 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 12/29/25 | 12/29/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: n-Nonane* | | *100 %* | *61-141* | *12/29/25* | *12/29/25* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2553011 |
| Chloride | **244** | 20.0 | 1 | 12/29/25 | 12/29/25 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

**SS02**

**E512215-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Benzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Toluene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/29/25 | 12/29/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.6 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KH | | | Batch: 2553008 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 12/29/25 | 12/29/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: n-Nonane* | | *97.8 %* | *61-141* | *12/29/25* | *12/29/25* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2553011 |
| Chloride | **346** | 20.0 | 1 | 12/29/25 | 12/29/25 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

**SS03**

**E512215-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Benzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Toluene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/29/25 | 12/29/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.4 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KH | | | Batch: 2553008 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 12/29/25 | 12/29/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: n-Nonane* | | *96.3 %* | *61-141* | *12/29/25* | *12/29/25* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2553011 |
| Chloride | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

**SS04**

**E512215-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Benzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Toluene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/29/25 | 12/29/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.2 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KH | | | Batch: 2553008 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 12/29/25 | 12/29/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: n-Nonane* | | *96.7 %* | *61-141* | *12/29/25* | *12/29/25* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2553011 |
| Chloride | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

**SS05**

**E512215-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Benzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Toluene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/29/25 | 12/29/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.1 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KH | | | Batch: 2553008 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 12/29/25 | 12/29/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: n-Nonane* | | *102 %* | *61-141* | *12/29/25* | *12/29/25* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2553011 |
| Chloride | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

**SS06**

**E512215-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Benzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| Toluene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| o-Xylene | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/29/25 | 12/29/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *97.4 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: SL | | | Batch: 2553001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *12/29/25* | *12/29/25* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KH | | | Batch: 2553008 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 12/29/25 | 12/29/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 12/29/25 | 12/29/25 | |
| *Surrogate: n-Nonane* | | *98.7 %* | *61-141* | *12/29/25* | *12/29/25* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2553011 |
| Chloride | **35.6** | 20.0 | 1 | 12/29/25 | 12/29/25 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

## Volatile Organics by EPA 8021B

Analyst: SL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2553001-BLK1)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.10* | | *8.00* | | *88.8* | *70-130* | | | |
| **LCS (2553001-BS1)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Benzene | 4.96 | 0.0250 | 5.00 | | 99.1 | 70-130 | | | |
| Ethylbenzene | 4.73 | 0.0250 | 5.00 | | 94.6 | 70-130 | | | |
| Toluene | 4.91 | 0.0250 | 5.00 | | 98.2 | 70-130 | | | |
| o-Xylene | 4.78 | 0.0250 | 5.00 | | 95.7 | 70-130 | | | |
| p,m-Xylene | 9.69 | 0.0500 | 10.0 | | 96.9 | 70-130 | | | |
| Total Xylenes | 14.5 | 0.0250 | 15.0 | | 96.5 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.55* | | *8.00* | | *94.4* | *70-130* | | | |
| **Matrix Spike (2553001-MS1)** | | | | **Source: E512213-02** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Benzene | 4.98 | 0.0250 | 5.00 | ND | 99.7 | 70-130 | | | |
| Ethylbenzene | 4.74 | 0.0250 | 5.00 | ND | 94.7 | 70-130 | | | |
| Toluene | 4.90 | 0.0250 | 5.00 | ND | 98.0 | 70-130 | | | |
| o-Xylene | 4.78 | 0.0250 | 5.00 | ND | 95.6 | 70-130 | | | |
| p,m-Xylene | 9.70 | 0.0500 | 10.0 | ND | 97.0 | 70-130 | | | |
| Total Xylenes | 14.5 | 0.0250 | 15.0 | ND | 96.5 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.59* | | *8.00* | | *94.9* | *70-130* | | | |
| **Matrix Spike Dup (2553001-MSD1)** | | | | **Source: E512213-02** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Benzene | 5.15 | 0.0250 | 5.00 | ND | 103 | 70-130 | 3.22 | 27 | |
| Ethylbenzene | 4.93 | 0.0250 | 5.00 | ND | 98.6 | 70-130 | 4.00 | 26 | |
| Toluene | 5.08 | 0.0250 | 5.00 | ND | 102 | 70-130 | 3.58 | 20 | |
| o-Xylene | 4.99 | 0.0250 | 5.00 | ND | 99.9 | 70-130 | 4.41 | 25 | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 70-130 | 3.91 | 23 | |
| Total Xylenes | 15.1 | 0.0250 | 15.0 | ND | 101 | 70-130 | 4.08 | 26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.72* | | *8.00* | | *96.5* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2553001-BLK1)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *9.17* | | *8.00* | | *115* | *70-130* | | | |
| **LCS (2553001-BS2)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Gasoline Range Organics (C6-C10) | 51.1 | 20.0 | 50.0 | | 102 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *9.10* | | *8.00* | | *114* | *70-130* | | | |
| **Matrix Spike (2553001-MS2)** | | | | **Source: E512213-02** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Gasoline Range Organics (C6-C10) | 53.4 | 20.0 | 50.0 | ND | 107 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *8.83* | | *8.00* | | *110* | *70-130* | | | |
| **Matrix Spike Dup (2553001-MSD2)** | | | | **Source: E512213-02** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Gasoline Range Organics (C6-C10) | 52.6 | 20.0 | 50.0 | ND | 105 | 70-130 | 1.51 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *8.76* | | *8.00* | | *109* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2553008-BLK1)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *46.2* | | *50.0* | | *92.4* | *61-141* | | | |
| **LCS (2553008-BS1)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | | 102 | 66-144 | | | |
| *Surrogate: n-Nonane* | *47.8* | | *50.0* | | *95.6* | *61-141* | | | |
| **Matrix Spike (2553008-MS1)** | | | | **Source: E512215-03** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 56-156 | | | |
| *Surrogate: n-Nonane* | *49.2* | | *50.0* | | *98.3* | *61-141* | | | |
| **Matrix Spike Dup (2553008-MSD1)** | | | | **Source: E512215-03** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Diesel Range Organics (C10-C28) | 277 | 25.0 | 250 | ND | 111 | 56-156 | 3.27 | 20 | |
| *Surrogate: n-Nonane* | *50.9* | | *50.0* | | *102* | *61-141* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/6/2026 8:29:29AM |

## Anions by EPA 300.0/9056A

Analyst: DT

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2553011-BLK1)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2553011-BS1)** | | | | | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Chloride | 259 | 20.0 | 250 | | 103 | 90-110 | | | |
| **Matrix Spike (2553011-MS1)** | | | | **Source: E512215-03** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Chloride | 275 | 20.0 | 250 | ND | 110 | 80-120 | | | |
| **Matrix Spike Dup (2553011-MSD1)** | | | | **Source: E512215-03** | | | | | Prepared: 12/29/25 Analyzed: 12/29/25 |
| Chloride | 276 | 20.0 | 250 | ND | 110 | 80-120 | 0.234 | 20 | |

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

# Definitions and Notes

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 01/06/26 08:29 |

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

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

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

envirotech
Analytical Laboratory

# Chain of Custody

Page 1 of 1

| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Cottonwood Consulting LLC | Company: Cottonwood Consulting LLC | Lab WO# E612215 | 1D 2D 3D Std | NM CO UT TX |
| Project Name: NEBU #438A | Address: PO Box 1653 | Job Number 20035-C0001 | | x |
| Project Manager: Kyle Siesser | City, State, Zip: Durango CO 81302 | | X | |
| Address: PO Box 1653 | Phone: 970-764-7356 | | | |
| City, State, Zip: Durango CO 81302 | Email: ksiesser@cottonwoodconsulting.com | | | |
| Phone: 970-764-7356 | Miscellaneous: | | | |
| Email: ksiesser@cottonwoodconsulting.com | | | | |

## Sample Information

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TCEQ 1005 - TX | RCRA 8 Metals | | BGDOC - NM | BGDOC - TX | | Sample Temp | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0820 | 12/23/25 | S | 2 | SS01 | | 1 | ✓ | ✓ | ✓ | | ✓ | | | | | | | 4.6 | |
| 0845 | | S | 2 | SS02 | | 2 | X | X | X | | X | | | | | | | 4.4 | |
| 0910 | | S | 2 | SS03 | | 3 | X | X | X | | X | | | | | | | 4.5 | |
| 0915 | | S | 2 | SS04 | | 4 | X | X | X | | X | | | | | | | 4.5 | |
| 0945 | | S | 2 | SS05 | | 5 | X | X | X | | X | | | | | | | 4.2 | |
| 0950 | ↓ | S | 2 | SS06 | | 6 | X | X | X | | X | | | | | | | 4.0 | |

## Analysis and Method

## EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

**Additional Instructions:** Please CC jharter@cottonwoodconsulting.com emillar@cottonwoodconsulting.com kobrien@cottonwoodconsulting.com jlafortune@cottonwoodconsulting.com dsonger@cottonwoodconsulting.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Kelsey O'Brien/Emma Millar

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 12/23/25 | 1154 | | 12/23/25 | 11:55 |
| | 12/23/25 | 1246 | | 12.23.25 | 12:46 |
| | | | | | |
| | | | | | |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y)/ N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

# Envirotech Analytical Laboratory

Printed: 12/23/2025 12:51:20PM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Cottonwood Consulting | Date Received: | 12/23/25 12:46 | Work Order ID: | E512215 |
| Phone: | 970-764-7356 | Date Logged In: | 12/23/25 12:47 | Logged In By: | Caitlin Mars |
| Email: | ksiesser@cottonwoodconsulting.com | Due Date: | 01/06/26 17:00 (5 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Comments/Resolution**

**Sample Turn Around Time (TAT)**

| | |
|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes |

**Sample Cooler**

| | |
|---|---|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling | Yes |

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

**Sample Container**

| | |
|---|---|
| 14. Are aqueous VOC samples present? | No |
| 15. Are VOC samples collected in VOA Vials? | NA |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA |
| 17. Was a trip blank (TB) included for VOC analyses? | NA |
| 18. Are non-VOC samples collected in the correct containers? | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

**Field Label**

| | |
|---|---|
| 20. Were field sample labels filled out with the minimum information: | |
| Sample ID? | Yes |
| Date/Time Collected? | Yes |
| Collectors name? | Yes |

**Sample Preservation**

| | |
|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No |
| 22. Are sample(s) correctly preserved? | NA |
| 24. Is lab filtration required and/or requested for dissolved metals? | No |

**Multiphase Sample Matrix**

| | |
|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Client Instruction**

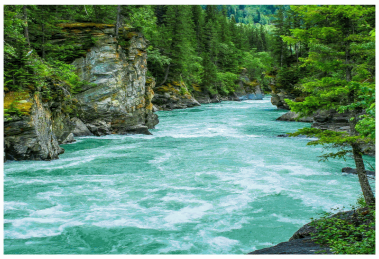
Signature of client authorizing changes to the COC or sample disposition.

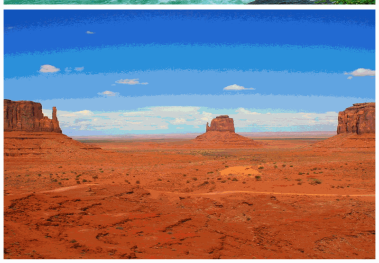
Date

envirotech Inc.

Report to:

Kyle Siesser





5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Cottonwood Consulting

| | |
|---|---|
| Project Name: | NEBU #438A |
| Work Order: | E601208 |
| Job Number: | 20035-C-0001 |
| Received: | 1/21/2026 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/28/26

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

Date Reported: 1/28/26

Kyle Siesser
PO Box 1653
Durango, CO 81302

Project Name: NEBU #438A
Workorder: E601208
Date Received: 1/21/2026 3:57:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/21/2026 3:57:00PM, under the Project Name: NEBU #438A.

The analytical test results summarized in this report with the Project Name: NEBU #438A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**
Laboratory Technical Representative
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ljarboe@envirotech-inc.com

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Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 01/28/26 09:05 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SS07 | E601208-01A | Soil | 01/21/26 | 01/21/26 | Glass Jar, 4 oz. |
| SS08 | E601208-02A | Soil | 01/21/26 | 01/21/26 | Glass Jar, 4 oz. |
| SS09 | E601208-03A | Soil | 01/21/26 | 01/21/26 | Glass Jar, 4 oz. |
| SS10 | E601208-04A | Soil | 01/21/26 | 01/21/26 | Glass Jar, 4 oz. |
| SS11 | E601208-05A | Soil | 01/21/26 | 01/21/26 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

**SS07**

**E601208-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Benzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Toluene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| o-Xylene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/22/26 | 01/24/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.5 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.8 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2604136 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/23/26 | 01/23/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/23/26 | 01/23/26 | |
| *Surrogate: n-Nonane* | | *104 %* | *61-141* | *01/23/26* | *01/23/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2604122 |
| Chloride | **142** | 20.0 | 1 | 01/22/26 | 01/23/26 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

**SS08**

**E601208-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Benzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Toluene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| o-Xylene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/22/26 | 01/24/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.9 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.5 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2604136 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/23/26 | 01/23/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/23/26 | 01/23/26 | |
| *Surrogate: n-Nonane* | | *100 %* | *61-141* | *01/23/26* | *01/23/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2604122 |
| Chloride | **261** | 20.0 | 1 | 01/22/26 | 01/23/26 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

**SS09**

**E601208-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Benzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Toluene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| o-Xylene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/22/26 | 01/24/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.9 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.9 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2604136 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/23/26 | 01/23/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/23/26 | 01/23/26 | |
| *Surrogate: n-Nonane* | | *102 %* | *61-141* | *01/23/26* | *01/23/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2604122 |
| Chloride | **315** | 20.0 | 1 | 01/22/26 | 01/23/26 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

**SS10**

**E601208-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Benzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Toluene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| o-Xylene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/22/26 | 01/24/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *91.0 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.5 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2604136 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/23/26 | 01/23/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/23/26 | 01/23/26 | |
| *Surrogate: n-Nonane* | | *104 %* | *61-141* | *01/23/26* | *01/23/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2604122 |
| Chloride | **342** | 20.0 | 1 | 01/22/26 | 01/23/26 | |

# Sample Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

**SS11**

**E601208-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Benzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| Toluene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| o-Xylene | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/22/26 | 01/24/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.7 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2604123 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/22/26 | 01/24/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.5 %* | *70-130* | *01/22/26* | *01/24/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2604136 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/23/26 | 01/24/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/23/26 | 01/24/26 | |
| *Surrogate: n-Nonane* | | *102 %* | *61-141* | *01/23/26* | *01/24/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2604122 |
| Chloride | **255** | 20.0 | 1 | 01/22/26 | 01/23/26 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

## Volatile Organics by EPA 8021B

Analyst: MB

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2604123-BLK1)** | | | | | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.37* | | *8.00* | | *92.1* | *70-130* | | | |
| **LCS (2604123-BS1)** | | | | | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Benzene | 4.42 | 0.0250 | 5.00 | | 88.4 | 70-130 | | | |
| Ethylbenzene | 4.08 | 0.0250 | 5.00 | | 81.7 | 70-130 | | | |
| Toluene | 4.29 | 0.0250 | 5.00 | | 85.8 | 70-130 | | | |
| o-Xylene | 4.19 | 0.0250 | 5.00 | | 83.8 | 70-130 | | | |
| p,m-Xylene | 8.32 | 0.0500 | 10.0 | | 83.2 | 70-130 | | | |
| Total Xylenes | 12.5 | 0.0250 | 15.0 | | 83.4 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.31* | | *8.00* | | *91.3* | *70-130* | | | |
| **Matrix Spike (2604123-MS1)** | | | | **Source: E601208-04** | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Benzene | 4.63 | 0.0250 | 5.00 | ND | 92.6 | 70-130 | | | |
| Ethylbenzene | 4.28 | 0.0250 | 5.00 | ND | 85.7 | 70-130 | | | |
| Toluene | 4.50 | 0.0250 | 5.00 | ND | 89.9 | 70-130 | | | |
| o-Xylene | 4.39 | 0.0250 | 5.00 | ND | 87.8 | 70-130 | | | |
| p,m-Xylene | 8.71 | 0.0500 | 10.0 | ND | 87.1 | 70-130 | | | |
| Total Xylenes | 13.1 | 0.0250 | 15.0 | ND | 87.4 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.40* | | *8.00* | | *92.5* | *70-130* | | | |
| **Matrix Spike Dup (2604123-MSD1)** | | | | **Source: E601208-04** | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Benzene | 5.47 | 0.0250 | 5.00 | ND | 109 | 70-130 | 16.8 | 27 | |
| Ethylbenzene | 5.10 | 0.0250 | 5.00 | ND | 102 | 70-130 | 17.5 | 26 | |
| Toluene | 5.33 | 0.0250 | 5.00 | ND | 107 | 70-130 | 16.9 | 20 | |
| o-Xylene | 5.22 | 0.0250 | 5.00 | ND | 104 | 70-130 | 17.3 | 25 | |
| p,m-Xylene | 10.4 | 0.0500 | 10.0 | ND | 104 | 70-130 | 17.4 | 23 | |
| Total Xylenes | 15.6 | 0.0250 | 15.0 | ND | 104 | 70-130 | 17.4 | 26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.42* | | *8.00* | | *92.7* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2604123-BLK1)** | | | | | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.84* | | *8.00* | | *98.0* | *70-130* | | | |
| **LCS (2604123-BS2)** | | | | | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Gasoline Range Organics (C6-C10) | 43.0 | 20.0 | 50.0 | | 86.1 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.89* | | *8.00* | | *98.6* | *70-130* | | | |
| **Matrix Spike (2604123-MS2)** | | | | **Source: E601208-04** | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Gasoline Range Organics (C6-C10) | 48.5 | 20.0 | 50.0 | ND | 97.1 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.71* | | *8.00* | | *96.4* | *70-130* | | | |
| **Matrix Spike Dup (2604123-MSD2)** | | | | **Source: E601208-04** | | | | | Prepared: 01/22/26 Analyzed: 01/24/26 |
| Gasoline Range Organics (C6-C10) | 48.9 | 20.0 | 50.0 | ND | 97.7 | 70-130 | 0.674 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.76* | | *8.00* | | *97.0* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2604136-BLK1)** | | | | | | | | | Prepared: 01/23/26 Analyzed: 01/23/26 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *48.2* | | *50.0* | | *96.4* | *61-141* | | | |
| **LCS (2604136-BS1)** | | | | | | | | | Prepared: 01/23/26 Analyzed: 01/23/26 |
| Diesel Range Organics (C10-C28) | 240 | 25.0 | 250 | | 96.0 | 66-144 | | | |
| *Surrogate: n-Nonane* | *47.9* | | *50.0* | | *95.8* | *61-141* | | | |
| **Matrix Spike (2604136-MS1)** | | | | **Source: E601207-01** | | | | | Prepared: 01/23/26 Analyzed: 01/23/26 |
| Diesel Range Organics (C10-C28) | 269 | 25.0 | 250 | ND | 108 | 56-156 | | | |
| *Surrogate: n-Nonane* | *52.9* | | *50.0* | | *106* | *61-141* | | | |
| **Matrix Spike Dup (2604136-MSD1)** | | | | **Source: E601207-01** | | | | | Prepared: 01/23/26 Analyzed: 01/23/26 |
| Diesel Range Organics (C10-C28) | 260 | 25.0 | 250 | ND | 104 | 56-156 | 3.34 | 20 | |
| *Surrogate: n-Nonane* | *52.5* | | *50.0* | | *105* | *61-141* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | **Reported:** |
| PO Box 1653 | Project Number: | 20035-C-0001 | |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 1/28/2026 9:05:39AM |

## Anions by EPA 300.0/9056A

Analyst: DT

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2604122-BLK1)** | | | | | | | | | Prepared: 01/22/26 Analyzed: 01/23/26 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2604122-BS1)** | | | | | | | | | Prepared: 01/22/26 Analyzed: 01/23/26 |
| Chloride | 259 | 20.0 | 250 | | 104 | 90-110 | | | |
| **Matrix Spike (2604122-MS1)** | | | | **Source: E601208-05** | | | | | Prepared: 01/22/26 Analyzed: 01/23/26 |
| Chloride | 510 | 20.0 | 250 | 255 | 102 | 80-120 | | | |
| **Matrix Spike Dup (2604122-MSD1)** | | | | **Source: E601208-05** | | | | | Prepared: 01/22/26 Analyzed: 01/23/26 |
| Chloride | 518 | 20.0 | 250 | 255 | 105 | 80-120 | 1.39 | 20 | |

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

# Definitions and Notes

| | | | |
|---|---|---|---|
| Cottonwood Consulting | Project Name: | NEBU #438A | |
| PO Box 1653 | Project Number: | 20035-C-0001 | **Reported:** |
| Durango CO, 81302 | Project Manager: | Kyle Siesser | 01/28/26 09:05 |

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

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

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

envirotech Analytical Laboratory

# Chain of Custody

Page 1 of 1

| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Cottonwood Consulting LLC | Company: Cottonwood Consulting LLC | Lab WO# E601208 | 1D 2D 3D Std | NM CO UT TX |
| Project Name: NEBU #438A | Address: PO Box 1653 | Job Number 20035-C-0001 | X | X |
| Project Manager: Kyle Siesser | City, State, Zip: Durango CO 81302 | | | |
| Address: PO Box 1653 | Phone: 970-764-7356 | | | |
| City, State, Zip: Durango CO 81302 | Email: ksiesser@cottonwoodconsulting.com | | | |
| Phone: 970-764-7356 | Miscellaneous: | | | |
| Email: ksiesser@cottonwoodconsulting.com | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TCEQ 1005 - TX | RCRA 8 Metals | | BGDOC - NM | BGDOC - TX | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1010 | 1/21/26 | S | 1 | SS07 | | 1 | | | | | | | | | X | | |
| 1020 | | | | SS08 | | 2 | | | | | | | | | | | |
| 1030 | | | | SS09 | | 3 | | | | | | | | | | | |
| 1040 | | | | SS10 | | 4 | | | | | | | | | | | |
| 1050 | | | | SS11 | | 5 | | | | | | | | | | | |

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

Sample Temp | Remarks

1010: 4.3 — 1020: 4.2 — 1030: 4.5 — 1040: 4.7 — 1050: 4.6

**Additional Instructions:** Please CC jharter@cottonwoodconsulting.com emillar@cottonwoodconsulting.com kobrien@cottonwoodconsulting.com jlafortune@cottonwoodconsulting.com dsonger@cottonwoodconsulting.com, rcochran@cottonwoodconsulting.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Dylan Songer / Robert Cochran

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 1/21/26 | 1557 | Joe Sato | 1-21-26 | 1557 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

# Envirotech Analytical Laboratory

Printed: 1/22/2026 12:54:12PM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Cottonwood Consulting | Date Received: | 01/21/26 15:57 | Work Order ID: | E601208 |
| Phone: | 970-764-7356 | Date Logged In: | 01/22/26 12:43 | Logged In By: | Noe Soto |
| Email: | ksiesser@cottonwoodconsulting.com | Due Date: | 01/28/26 17:00 (5 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Dylan Songer |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Comments/Resolution**

**Sample Turn Around Time (TAT)**

| | |
|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes |

**Sample Cooler**

| | |
|---|---|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling | Yes |

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

**Sample Container**

| | |
|---|---|
| 14. Are aqueous VOC samples present? | No |
| 15. Are VOC samples collected in VOA Vials? | NA |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA |
| 17. Was a trip blank (TB) included for VOC analyses? | NA |
| 18. Are non-VOC samples collected in the correct containers? | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

**Field Label**

| | |
|---|---|
| 20. Were field sample labels filled out with the minimum information: | |
| Sample ID? | Yes |
| Date/Time Collected? | Yes |
| Collectors name? | Yes |

**Sample Preservation**

| | |
|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No |
| 22. Are sample(s) correctly preserved? | NA |
| 24. Is lab filtration required and/or requested for dissolved metals? | No |

**Multiphase Sample Matrix**

| | |
|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Client Instruction**

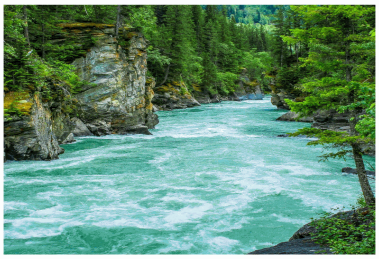
Signature of client authorizing changes to the COC or sample disposition.

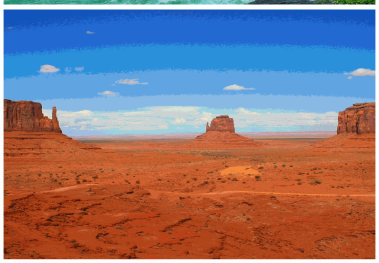
Date

envirotech Inc.

Report to:

Dylan Songer





5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Ensolum LLC- Farmington

| | |
|---|---|
| Project Name: | NEBU #438A |
| Work Order: | E604314 |
| Job Number: | 23003-0003 |
| Received: | 4/24/2026 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/30/26

Date Reported: 4/30/26

Dylan Songer
848 E 2nd Ave
Durango, CO 81301

Project Name: NEBU #438A
Workorder: E604314
Date Received: 4/24/2026 1:13:00PM

Dylan Songer,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2026 1:13:00PM, under the Project Name: NEBU #438A.

The analytical test results summarized in this report with the Project Name: NEBU #438A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**
Laboratory Administrator
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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | **Reported:** |
| 848 E 2nd Ave | Project Number: | 23003-0003 | |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 04/30/26 16:46 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SS12 | E604314-01A | Soil | 04/24/26 | 04/24/26 | Glass Jar, 2 oz. |
| SS13 | E604314-02A | Soil | 04/24/26 | 04/24/26 | Glass Jar, 2 oz. |
| SS14 | E604314-03A | Soil | 04/24/26 | 04/24/26 | Glass Jar, 2 oz. |
| SS15 | E604314-04A | Soil | 04/24/26 | 04/24/26 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | |
| 848 E 2nd Ave | Project Number: | 23003-0003 | **Reported:** |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

## SS12

**E604314-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Benzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Toluene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| o-Xylene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/27/26 | 04/28/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *91.8 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *84.9 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2618068 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/26 | 04/29/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/26 | 04/29/26 | |
| *Surrogate: n-Nonane* | | *91.9 %* | *69-135* | *04/28/26* | *04/29/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2618029 |
| Chloride | **81.2** | 20.0 | 1 | 04/27/26 | 04/28/26 | |

# Sample Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | |
| 848 E 2nd Ave | Project Number: | 23003-0003 | **Reported:** |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

## SS13

**E604314-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Benzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Toluene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| o-Xylene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/27/26 | 04/28/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *89.9 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *87.3 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2618068 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/26 | 04/29/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/26 | 04/29/26 | |
| *Surrogate: n-Nonane* | | *94.9 %* | *69-135* | *04/28/26* | *04/29/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2618029 |
| Chloride | ND | 20.0 | 1 | 04/27/26 | 04/28/26 | |

# Sample Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | |
| 848 E 2nd Ave | Project Number: | 23003-0003 | **Reported:** |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

## SS14

## E604314-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Benzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Toluene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| o-Xylene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/27/26 | 04/28/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *90.9 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.0 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2618068 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/26 | 04/29/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/26 | 04/29/26 | |
| *Surrogate: n-Nonane* | | *94.3 %* | *69-135* | *04/28/26* | *04/29/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2618029 |
| Chloride | ND | 20.0 | 1 | 04/27/26 | 04/28/26 | |

# Sample Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | |
| 848 E 2nd Ave | Project Number: | 23003-0003 | **Reported:** |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

**SS15**

**E604314-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Benzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| Toluene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| o-Xylene | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/27/26 | 04/28/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *90.4 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: MB | | | Batch: 2618009 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/27/26 | 04/28/26 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.8 %* | *70-130* | *04/27/26* | *04/28/26* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2618068 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/26 | 04/29/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/26 | 04/29/26 | |
| *Surrogate: n-Nonane* | | *95.5 %* | *69-135* | *04/28/26* | *04/29/26* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: DT | | | Batch: 2618029 |
| Chloride | ND | 20.0 | 1 | 04/27/26 | 04/28/26 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | **Reported:** |
| 848 E 2nd Ave | Project Number: | 23003-0003 | |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

## Volatile Organics by EPA 8021B

Analyst: MB

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2618009-BLK1)** | | | | | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.59* | | *8.00* | | *94.8* | *70-130* | | | |
| **LCS (2618009-BS1)** | | | | | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Benzene | 4.78 | 0.0250 | 5.00 | | 95.6 | 70-130 | | | |
| Ethylbenzene | 4.43 | 0.0250 | 5.00 | | 88.6 | 70-130 | | | |
| Toluene | 4.64 | 0.0250 | 5.00 | | 92.7 | 70-130 | | | |
| o-Xylene | 4.52 | 0.0250 | 5.00 | | 90.3 | 70-130 | | | |
| p,m-Xylene | 9.06 | 0.0500 | 10.0 | | 90.6 | 70-130 | | | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 90.5 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.58* | | *8.00* | | *94.8* | *70-130* | | | |
| **Matrix Spike (2618009-MS1)** | | | | **Source: E604314-01** | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Benzene | 5.01 | 0.0250 | 5.00 | ND | 100 | 70-130 | | | |
| Ethylbenzene | 4.64 | 0.0250 | 5.00 | ND | 92.8 | 70-130 | | | |
| Toluene | 4.86 | 0.0250 | 5.00 | ND | 97.2 | 70-130 | | | |
| o-Xylene | 4.72 | 0.0250 | 5.00 | ND | 94.3 | 70-130 | | | |
| p,m-Xylene | 9.51 | 0.0500 | 10.0 | ND | 95.1 | 70-130 | | | |
| Total Xylenes | 14.2 | 0.0250 | 15.0 | ND | 94.8 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.43* | | *8.00* | | *92.8* | *70-130* | | | |
| **Matrix Spike Dup (2618009-MSD1)** | | | | **Source: E604314-01** | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Benzene | 5.43 | 0.0250 | 5.00 | ND | 109 | 70-130 | 8.15 | 20 | |
| Ethylbenzene | 5.05 | 0.0250 | 5.00 | ND | 101 | 70-130 | 8.39 | 20 | |
| Toluene | 5.28 | 0.0250 | 5.00 | ND | 106 | 70-130 | 8.23 | 20 | |
| o-Xylene | 5.14 | 0.0250 | 5.00 | ND | 103 | 70-130 | 8.53 | 20 | |
| p,m-Xylene | 10.3 | 0.0500 | 10.0 | ND | 103 | 70-130 | 8.19 | 20 | |
| Total Xylenes | 15.5 | 0.0250 | 15.0 | ND | 103 | 70-130 | 8.30 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.49* | | *8.00* | | *93.6* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | **Reported:** |
| 848 E 2nd Ave | Project Number: | 23003-0003 | |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2618009-BLK1)** | | | | | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.36* | | *8.00* | | *92.0* | *70-130* | | | |
| **LCS (2618009-BS2)** | | | | | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Gasoline Range Organics (C6-C10) | 43.2 | 20.0 | 50.0 | | 86.5 | 62-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.17* | | *8.00* | | *89.6* | *70-130* | | | |
| **Matrix Spike (2618009-MS2)** | | | | **Source: E604314-01** | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Gasoline Range Organics (C6-C10) | 44.6 | 20.0 | 50.0 | ND | 89.2 | 60-137 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.21* | | *8.00* | | *90.2* | *70-130* | | | |
| **Matrix Spike Dup (2618009-MSD2)** | | | | **Source: E604314-01** | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Gasoline Range Organics (C6-C10) | 44.6 | 20.0 | 50.0 | ND | 89.2 | 60-137 | 0.0505 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.28* | | *8.00* | | *91.0* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | **Reported:** |
| 848 E 2nd Ave | Project Number: | 23003-0003 | |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2618068-BLK1)** | | | | | | | | | Prepared: 04/28/26 Analyzed: 04/28/26 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *42.6* | | *50.0* | | *85.1* | *69-135* | | | |
| **LCS (2618068-BS1)** | | | | | | | | | Prepared: 04/28/26 Analyzed: 04/28/26 |
| Diesel Range Organics (C10-C28) | 243 | 25.0 | 250 | | 97.3 | 70-131 | | | |
| *Surrogate: n-Nonane* | *44.3* | | *50.0* | | *88.6* | *69-135* | | | |
| **Matrix Spike (2618068-MS1)** | | | | **Source: E604308-25** | | | | | Prepared: 04/28/26 Analyzed: 04/28/26 |
| Diesel Range Organics (C10-C28) | 249 | 25.0 | 250 | ND | 99.4 | 62-151 | | | |
| *Surrogate: n-Nonane* | *45.1* | | *50.0* | | *90.1* | *69-135* | | | |
| **Matrix Spike Dup (2618068-MSD1)** | | | | **Source: E604308-25** | | | | | Prepared: 04/28/26 Analyzed: 04/28/26 |
| Diesel Range Organics (C10-C28) | 238 | 25.0 | 250 | ND | 95.2 | 62-151 | 4.35 | 20 | |
| *Surrogate: n-Nonane* | *43.4* | | *50.0* | | *86.8* | *69-135* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | **Reported:** |
| 848 E 2nd Ave | Project Number: | 23003-0003 | |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 4/30/2026 4:46:12PM |

## Anions by EPA 300.0/9056A

Analyst: DT

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2618029-BLK1)** | | | | | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2618029-BS1)** | | | | | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Chloride | 261 | 20.0 | 250 | | 104 | 90-110 | | | |
| **Matrix Spike (2618029-MS1)** | | | | **Source: E604309-03** | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Chloride | 4180 | 40.0 | 250 | 4130 | 20.4 | 80-120 | | | M4 |
| **Matrix Spike Dup (2618029-MSD1)** | | | | **Source: E604309-03** | | | | | Prepared: 04/27/26 Analyzed: 04/28/26 |
| Chloride | 4240 | 40.0 | 250 | 4130 | 41.9 | 80-120 | 1.27 | 20 | M4 |

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

# Definitions and Notes

| | | | |
|---|---|---|---|
| Ensolum LLC- Farmington | Project Name: | NEBU #438A | |
| 848 E 2nd Ave | Project Number: | 23003-0003 | **Reported:** |
| Durango CO, 81301 | Project Manager: | Dylan Songer | 04/30/26 16:46 |

| | |
|---|---|
| M4 | Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

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

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

envirotech
Analytical Laboratory

# Chain of Custody

Page 1 of 1

| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Ensolum | Company: | Lab WO# E604314 | 1D 2D 3D Std | NM CO UT TX |
| Project Name: NEBU #438A | Address: | Job Number 23003.0003 | x | x |
| Project Manager: Dylan Songer | City, State, Zip: | | | |
| Address: | Phone: | | | |
| City, State, Zip: | Email: | | | |
| Phone: (704) 968-4435 | Miscellaneous: PO: 07F4328006 | | | |
| Email: dsonger@ensolum.com | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TCEQ 1005 - TX | RCRA 8 Metals | | BGDOC - NM | BGDOC - TX | | Sample Temp | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1030 | 4/24/26 | S | 1 | SS07 | | 1 | X | X | X | | X | | | | | | | 4.8 | |
| 1035 | 4/24/26 | S | 1 | SS08 | | 2 | X | X | X | | X | | | | | | | 5.0 | |
| 1040 | 4/24/26 | S | 1 | SS09 | | 3 | X | X | X | | X | | | | | | | 5.2 | |
| 1045 | 4/24/26 | S | 1 | SS10 | | 4 | X | X | X | | X | | | | | | | 4.9 | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

**Additional Instructions:** cc: rcochran@ensolum.com, dsonger@ensolum.com, em:llar@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Robert Cochran

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| Robert Cochran | 4/24/26 | 1313 | Caitlin Mars | 4.24.26 | 1313 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

# Envirotech Analytical Laboratory

Printed: 4/24/2026 2:23:13PM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Ensolum LLC- Farmington | Date Received: | 04/24/26 13:13 | Work Order ID: | E604314 |
| Phone: | 704-968-4435 | Date Logged In: | 04/24/26 14:21 | Logged In By: | Caitlin Mars |
| Email: | dsonger@ensolum.com | Due Date: | 05/01/26 17:00 (5 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Robert Schwanz |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Comments/Resolution**

**Sample Turn Around Time (TAT)**

| | |
|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes |

**Sample Cooler**

| | |
|---|---|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling | Yes |

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

**Sample Container**

| | |
|---|---|
| 14. Are aqueous VOC samples present? | No |
| 15. Are VOC samples collected in VOA Vials? | NA |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA |
| 17. Was a trip blank (TB) included for VOC analyses? | NA |
| 18. Are non-VOC samples collected in the correct containers? | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

**Field Label**

| | |
|---|---|
| 20. Were field sample labels filled out with the minimum information: | |
| Sample ID? | Yes |
| Date/Time Collected? | Yes |
| Collectors name? | Yes |

**Sample Preservation**

| | |
|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No |
| 22. Are sample(s) correctly preserved? | NA |
| 24. Is lab filtration required and/or requested for dissolved metals? | No |

**Multiphase Sample Matrix**

| | |
|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Client Instruction**

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

Date

envirotech Inc.

envirotech
Analytical Laboratory

# Chain of Custody

Page 1 of 1

| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Ensolum | Company: | Lab WO# E604314 | 1D 2D 3D Std | NM CO UT TX |
| Project Name: NEBU #438A | Address: | Job Number 23003.0003 | | x |
| Project Manager: Dylan Songer | City, State, Zip: | | | |
| Address: | Phone: | | | |
| City, State, Zip: | Email: | | | |
| Phone: (704) 968-4435 | Miscellaneous: PO: 07F4328006 | | | |
| Email: dsonger@ensolum.com | | | | |

**Analysis and Method**

**EPA Program**

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TCEQ 1005 - TX | RCRA 8 Metals | | BGDOC - NM | BGDOC - TX | | Sample Temp | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1030 | 4/24/26 | S | 1 | ~~SS07~~ 12 | | 1 | x | x | x | | x | | | | | | | 4.8 | |
| 1035 | 4/24/26 | S | 1 | ~~SS08~~ 13 | | 2 | x | x | x | | x | | | | | | | 5.0 | |
| 1040 | 4/24/26 | S | 1 | ~~SS09~~ 14 | | 3 | x | x | x | | x | | | | | | | 5.2 | |
| 1045 | 4/24/26 | S | 1 | ~~SS10~~ 15 | | 4 | x | x | x | | x | | | | | | | 4.9 | |

Additional Instructions: cc: rcochran@ensolum.com, dsonger@ensolum.com, cmillar@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Robert Cochran

Changed Sample names per RC 4/30/26 CM

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| Robert Cochran | 4/24/26 | 1313 | Cath Mara | 4.24.26 | 1313 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

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

# Custom Soil Resource Report for San Juan County, New Mexico, Eastern Part


March 11, 2026

# Preface

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

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

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

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

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

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

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

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

# Contents

# How Soil Surveys Are Made

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

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

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

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

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

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

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

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

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

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

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

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

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

# Soil Map

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

# Custom Soil Resource Report
## Soil Map

## MAP LEGEND

**Area of Interest (AOI)**

- Area of Interest (AOI)

**Soils**

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

**Special Point Features**

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

**Water Features**

- Streams and Canals

**Transportation**

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

**Background**

- Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:63,400.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Juan County, New Mexico, Eastern Part
Survey Area Data: Version 21, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 16, 2021—Dec 3, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

# Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|---|---|---|---|
| PP | Penistaja-Buckle association, gently sloping | 3.4 | 100.0% |
| **Totals for Area of Interest** | | **3.4** | **100.0%** |

# Map Unit Descriptions

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

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

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

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

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

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

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

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

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

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

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

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

# San Juan County, New Mexico, Eastern Part

## PP—Penistaja-Buckle association, gently sloping

### Map Unit Setting

***National map unit symbol:*** 1wx7
***Landscape:*** Uplands
***Elevation:*** 6,400 to 7,200 feet
***Mean annual precipitation:*** 10 to 14 inches
***Mean annual air temperature:*** 48 to 52 degrees F
***Frost-free period:*** 125 to 145 days
***Farmland classification:*** Not prime farmland

### Map Unit Composition

***Penistaja and similar soils:*** 50 percent
***Buckle and similar soils:*** 35 percent
***Minor components:*** 15 percent
***Estimates are based on observations, descriptions, and transects of the mapunit.***

### Description of Penistaja

#### Setting

***Landscape:*** Uplands
***Landform:*** Fan remnants, Summit mesas
***Landform position (three-dimensional):*** Talf ***Down-slope shape:*** Convex
***Across-slope shape:*** Convex
***Parent material:*** Eolian deposits over fan alluvium derived from sandstone and shale

#### Typical profile

***A - 0 to 3 inches:*** loam
***Btk - 3 to 60 inches:*** clay loam
***Ck - 60 to 64 inches:*** sandy loam

#### Properties and qualities

***Slope:*** 0 to 5 percent
***Depth to restrictive feature:*** More than 80 inches
***Drainage class:*** Well drained
***Runoff class:*** Medium
***Capacity of the most limiting layer to transmit water (Ksat):*** Moderately high (0.20 to 0.60 in/hr)
***Depth to water table:*** More than 80 inches
***Frequency of flooding:*** None
***Frequency of ponding:*** None
***Calcium carbonate, maximum content:*** 15 percent
***Maximum salinity:*** Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
***Sodium adsorption ratio, maximum:*** 2.0
***Available water supply, 0 to 60 inches:*** High (about 11.3 inches)

#### Interpretive groups

***Land capability classification (irrigated):*** 3e
***Land capability classification (nonirrigated):*** 6c
***Hydrologic Soil Group:*** C
***Ecological site:*** R036XB006NM - Loamy

***Hydric soil rating:*** No

### Description of Buckle

#### Setting

***Landscape:*** Uplands
***Landform:*** Summits mesas, Fan remnants
***Landform position (three-dimensional):*** Talf
***Down-slope shape:*** Convex
***Across-slope shape:*** Convex
***Parent material:*** Eolian deposits over fan alluvium derived from sandstone and shale

#### Typical profile

***A - 0 to 13 inches:*** silt loam
***CB - 13 to 47 inches:*** clay loam
***Ck - 47 to 66 inches:*** silty clay loam

#### Properties and qualities

***Slope:*** 0 to 5 percent
***Depth to restrictive feature:*** More than 80 inches
***Drainage class:*** Well drained
***Runoff class:*** Medium
***Capacity of the most limiting layer to transmit water (Ksat):*** Moderately high (0.20 to 0.60 in/hr)
***Depth to water table:*** More than 80 inches
***Frequency of flooding:*** None
***Frequency of ponding:*** None
***Calcium carbonate, maximum content:*** 2 percent
***Gypsum, maximum content:*** 2 percent
***Maximum salinity:*** Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
***Sodium adsorption ratio, maximum:*** 2.0
***Available water supply, 0 to 60 inches:*** High (about 9.9 inches)

#### Interpretive groups

***Land capability classification (irrigated):*** None specified
***Land capability classification (nonirrigated):*** 6c
***Hydrologic Soil Group:*** C
***Ecological site:*** R036XB006NM - Loamy
***Hydric soil rating:*** No

### Minor Components

#### Travessilla

***Percent of map unit:*** 5 percent
***Ecological site:*** R070AY003NM - Shallow Upland
***Hydric soil rating:*** No

#### Twick

***Percent of map unit:*** 5 percent
***Ecological site:*** R035XC314AZ - Sandstone Upland 10-14" p.z.
***Hydric soil rating:*** No

#### Weska

***Percent of map unit:*** 5 percent
***Ecological site:*** R035XC314AZ - Sandstone Upland 10-14" p.z.
***Hydric soil rating:*** No

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

QUESTIONS

Action 586931

## QUESTIONS

| | |
|---|---|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736 |
| | Action Number:<br>586931 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2535052037** |
| Incident Name | **NAPP2535052037 NORTHEAST BLANCO UNIT 438A @ 30-045-32280** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Remediation Closure Report Received** |
| Incident Well | **[30-045-32280] NORTHEAST BLANCO UNIT #438A** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | NORTHEAST BLANCO UNIT 438A |
| Date Release Discovered | 12/16/2025 |
| Surface Owner | Federal |

| **Incident Details** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| **Nature and Volume of Release** | |
|---|---|
| *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Overflow - Tank, Pit, Etc. \| Tank (Any) \| Produced Water \| Released: 76 BBL \| Recovered: 70 BBL \| Lost: 6 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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## QUESTIONS (continued)

| | |
|---|---|
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| | Action Number:<br>586931 |
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**QUESTIONS**

| **Nature and Volume of Release (continued)** | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | **Yes** |
| Reasons why this would be considered a submission for a notification of a major release | **From paragraph A. "Major release" determine using:**<br>**(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.** |

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

| **Initial Response** | |
|---|---|
| *The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | *Not answered.* |

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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.

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Jerrid Brann<br>Title: Environmental Coordinator<br>Email: jerrid.brann@machnr.com<br>Date: 05/20/2026 |

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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736 |
| | Action Number:<br>586931 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Site Characterization** | |
|---|---|
| *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| **What is the minimum distance, between the closest lateral extents of the release and the following surface areas:** | |
| A continuously flowing watercourse or any other significant watercourse | Between 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between ½ and 1 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 500 and 1000 (ft.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | None |
| A 100-year floodplain | Between ½ and 1 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

| **Remediation Plan** | |
|---|---|
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| Requesting a remediation plan approval with this submission | Yes |
| *Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.* | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| **Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 346 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 0 |
| GRO+DRO (EPA SW-846 Method 8015M) | 0 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |
| | |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | |
| On what estimated date will the remediation commence | 01/16/2026 |
| On what date will (or did) the final sampling or liner inspection occur | 01/21/2026 |
| On what date will (or was) the remediation complete(d) | 01/21/2026 |
| What is the estimated surface area (in square feet) that will be reclaimed | 0 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 0 |
| What is the estimated surface area (in square feet) that will be remediated | 0 |
| What is the estimated volume (in cubic yards) that will be remediated | 0 |
| *These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.* | |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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## QUESTIONS (continued)

| | |
|---|---|
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| | Action Number:<br>586931 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| | |
|---|---|
| **Remediation Plan (continued)** | |
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| **This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:** | |
| *(Select all answers below that apply.)* | |
| (Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.) | No |
| (Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | Yes |
| Other Non-listed Remedial Process. Please specify | No remediation required due to soil sample results indicating no impact. |
| *Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.* | |
| | |
| 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. | |
| I hereby agree and sign off to the above statement | Name: Jerrid Brann<br>Title: Environmental Coordinator<br>Email: jerrid.brann@machnr.com<br>Date: 05/20/2026 |
| *The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.* | |

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## QUESTIONS (continued)

| Operator: | OGRID: |
|---|---|
| SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | 329736 |
| | Action Number:<br>586931 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Deferral Requests Only**<br>*Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.* | |
|---|---|
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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## QUESTIONS (continued)

| | |
|---|---|
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| | Action Number:<br>586931 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Sampling Event Information** | |
|---|---|
| Last sampling notification (C-141N) recorded | **575603** |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | **04/24/2026** |
| What was the (estimated) number of samples that were to be gathered | **4** |
| What was the sampling surface area in square feet | **4** |

| **Remediation Closure Request** | |
|---|---|
| *Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.* | |
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | **Yes** |
| Was this release entirely contained within a lined containment area | **No** |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 0 |
| What was the total volume (cubic yards) remediated | 0 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 0 |
| What was the total volume (in cubic yards) reclaimed | 0 |
| Summarize any additional remediation activities not included by answers (above) | No remediation required |

*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 (in .pdf format) 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.*

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.

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Jerrid Brann<br>Title: Environmental Coordinator<br>Email: jerrid.brann@machnr.com<br>Date: 05/20/2026 |

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## QUESTIONS (continued)

| Operator: | OGRID: |
|---|---|
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**QUESTIONS**

| **Reclamation Report** | |
|---|---|
| *Only answer the questions in this group if all reclamation steps have been completed.* | |
| Requesting a reclamation approval with this submission | No |

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## CONDITIONS

| | |
|---|---|
| Operator:<br>SIMCOE LLC<br>1199 Main Ave., Suite 101<br>Durango, CO 81301 | OGRID:<br>329736 |
| | Action Number:<br>586931 |
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**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | None | 5/20/2026 |