



P.O. Box 1653  
Durango, Colorado 81302  
(970) 764-7356  
[www.cottonwoodconsulting.com](http://www.cottonwoodconsulting.com)

November 4, 2025

Shelly Wells  
Environmental Specialist  
New Mexico Oil and Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

Tami C. Knight  
Environmental Specialist  
New Mexico State Land Office  
4601 College Blvd.  
Farmington, NM 87402

**RE: Northeast Blanco Unit Sims Mesa SWD #001  
Site Assessment Results and Closure Request  
Simcoe, LLC - Incidents #nBP0804351945 and #nAPP2503132631  
Rio Arriba County, New Mexico**

Dear Ms. Wells and Ms. Knight,

Cottonwood Consulting, LLC (Cottonwood), on behalf of Simcoe, LLC (Simcoe), is pleased to provide you with the site assessment results and a closure request for two releases at Simcoe's Northeast Blanco Unit Sims Mesa SWD #001 facility (API 30-039-24236; Sims Mesa SWD; New Mexico Oil Conservation Division [NMOCD] Incidents #nBP0804351945 and #nAPP2503132631). Based on the overlapping areas associated with the releases, this site assessment and closure request is being submitted concurrently for both incidents. Details regarding the releases, the assessment, and the closure request are summarized below.

### **Background**

In January 2008, a release occurred at the Sims Mesa SWD when a tank heater froze and allowed a produced water tank to run over. The produced water covered an area measuring approximately 150 feet (ft) by 30 ft within the tank battery berm. Approximately 15 barrels (bbls) of produced water were recovered and the NMOCD assigned Incident #nBP0804351945 to the release (see Attachment 1 for NMOCD documentation).

The State of New Mexico Commissioner of Public Lands Environmental Compliance Office (ECO) conducted an inspection of the site on October 1, 2024 and identified areas of concern (AOC), including areas associated with Incident #nBP0804351945 and two other historic releases at the site: Incident #nDGF0223833169 from 2002 and Incident #nBP0628430543 from 2006. The

Cottonwood Consulting LLC

Wells, S. and Knight, T.  
Page 2

October 2024 ECO site inspection form is included as Attachment 2. In response to the inspection, Cottonwood conducted initial sampling and site assessment activities on January 15, 2025.

Following the initial assessment, a new release (Incident #nAPP2503132631; Attachment 1) occurred on January 27, 2025 when a gasket failed, causing 20 bbls of produced water to be released within the same tank battery as incident #nBP0804351945. While incidents #nAPP2503132631 and #nBP0804351945 do not share a point of release, the release areas overlapped within the tank battery. Approximately 15 bbls of produced water were recovered following the incident #nAPP2503132631 release. Cottonwood conducted sampling of the new release and the three other releases on March 17, 2025.

The NMOCD approved closure of Incident #nDGF0223833169 and #nBP0628430543 on May 13, 2025; however, additional delineation was required for Incident #nBP0804351945 and #nAPP2503132631. Cottonwood conducted additional delineation sampling at the site on July 16, July 17, October 16, and October 22, 2025 and the results are provided in this report.

### **Site Assessment**

The following section summarizes the soil sampling events conducted to date. Prior to collecting samples, soils were field-screened using visual/olfactory observations and a MiniRae 3000® or Ion Science Tiger® photoionization detector (PID). All sample locations were recorded using a Trimble GeoXH® global positioning system (GPS). Samples were placed in a cooler with ice and submitted with chain-of-custody to Envirotech, Inc. in Bloomfield, New Mexico for analysis of total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene, total xylenes (BTEX); and chlorides. Results were compared to the NMOCD's most stringent standards due to the lack of groundwater data within 0.5 miles of the site.

#### January 15, 2025

On January 15, 2025, Cottonwood conducted soil sampling of the AOC identified in the ECO inspection as well as the release areas associated with the 2002, 2006, and 2008 releases. A total of 15 discrete soil samples were collected. All samples were collected at depths ranging from 1 to 2 ft below ground surface (bgs) per ECO request. Results indicated that all samples were below the NMOCD standards with the exception of TPH in SS07, collected from 1 to 2 ft bgs in the vicinity of the below grade tank (BGT).

#### March 20, 2025

On March 20, 2025, a total of 17 soil samples were collected, including five-point composite samples from the documented release areas and discrete samples from the January 2025 release area (Incident #nAPP2503132631). Results indicated that all samples were below the NMOCD standards with the exception of TPH in SS29, collected from 0 to 8 inches bgs in the central portion of the above ground storage tanks (ASTs).



Wells, S. and Knight, T.  
Page 3

### July 16 and 17, 2025

Based on the results of the two sampling events and NMOCD communication on May 13, 2025, further delineation was required. Horizontal and vertical delineation was required at SS07 (near the BGT), vertical delineation was required at SS29 (between the ASTs), and horizontal delineation was required east of Incident #nAPP2503132631. Prior to the additional delineation, Simcoe conducted hydrovac activities to remove visually impacted soils to a total depth of 2 ft bgs in the vicinity of the ASTs.

On July 16, 2025 and July 17, 2025, additional delineation sampling occurred. Cottonwood advanced soil borings using a hand auger at a total of 11 locations. Five boreholes were advanced to a total depth of 10 ft bgs, four boreholes were advanced to 9 ft bgs, and two boreholes were advanced to 5 ft bgs. Soil from all boreholes was field screened on 1-ft intervals using visual/olfactory observations and a PID. Cottonwood also collected samples for laboratory analysis from all boreholes, including continuous sampling on 1-ft intervals from two locations within the tank battery per NMOCD request. A total of 40 discrete samples were collected from the boreholes. Additionally, one five-point composite sample was collected from the base of the hydrovac area between the ASTs.

Based on results of the July 2025 sampling events, horizontal and vertical delineation was determined at the location of the BGT, the impacted area between the ASTs, and the area east of Incident #nAPP2503132631. All samples were in compliance with NMOCD standards with the exception of TPH in SS44, the five-point composite collected at 2 ft bgs from the base of the hydrovac area between the ASTs (SS29 location). At this location, staining was observed on the sidewall beneath the AST; however, no impacts were observed in the base of the hydrovac area or the other sidewalls. The discrete sample (SS43 (2-3')) collected immediately below SS44, was in compliance with NMOCD standards, indicating that impacts are likely limited to the area beneath the AST. All samples collected from surrounding boreholes (SS33, SS34, SS37, SS40, and SS42) were in compliance with NMOCD standards for all depths investigated.

At the location of SS07 near the BGT, SS41 (1-2') was collected at the same approximate location and depth as SS07, and was in compliance with NMOCD standards. An additional sample, SS41 (4-5'), was collected at this location and was also in compliance with NMOCD standards. All samples collected from surrounding boreholes (SS34, SS35, SS39, and SS40) were in compliance with NMOCD standards for all depths investigated.

### October 16 and 22, 2025

Based on the results of the previous sampling events and NMOCD communication on September 8, 2025, remediation of TPH-impacts was required in the vicinity of the BGT, near the SS07 sample, and the impacted area in the central portion of the ASTs, near SS29 and SS44. Although the approximate impacted area at the BGT was re-sampled on July 17, 2025 and the sample passed, no remediation had occurred since the SS07 sample was collected. Therefore, Simcoe removed the BGT and cellar walls to further investigate potential impacts, conduct hydrovac excavation of

Wells, S. and Knight, T.  
Page 4

impacted material as necessary, and collect confirmation soil samples. Hydrovac excavation also occurred at the SS07 location near the BGT.

In the area between the ASTs, impacts appear to be limited to the soils beneath the AST adjacent to the hydrovac area. Therefore, Simcoe removed the AST in order to hydrovac additional impacts.

### **AST Area Remediation and Sampling**

On October 16, 2025, SS46, a five-point composite sample, was collected from the area between the ASTs. The previous sample collected at this location, SS29, included a portion of the impacted area at the base of the AST and therefore exceeded the NMOCD TPH standard. SS46 excluded the area at the base of the AST. No impacts were observed in the SS46 area and no TPH or BTEX were detected in SS46. Chloride was also below the NMOCD standard in SS46. The impacted area that was excluded was addressed in subsequent hydrovac efforts and sampling (SS48) as described below.

The AST was removed and additional hydrovac excavation occurred in the vicinity of SS44 on October 22, 2025. Additional hydrovac excavation occurred on the base and sidewalls of the previous excavation and the excavation area was expanded to encompass an impacted area under the AST and a portion of the previous SS29 sample location. The new hydrovac excavation area measured less than 200 square feet. One five-point composite sample, SS48, was collected from the hydrovac excavation area and no TPH, BTEX, or chloride were detected in SS48. The area excluded from SS46 was included in the hydrovac excavation and in SS48.

### **BGT Area Remediation and Sampling**

SS45 and SS47 were collected on October 16, 2025 from the BGT area. Prior to collecting the samples, the BGT and the cellar walls were removed. No evidence of a release was observed. SS45 was collected as a five-point composite sample from the base of the removed BGT and SS47 was collected as a five-point composite sample from the sidewalls of the removed BGT. No TPH or BTEX were detected in SS45 or SS47 and chloride was below the NMOCD standard in both samples.

Hydrovac excavation occurred in the SS07 sample location (near the BGT) on October 22, 2025 and one five-point composite sample, SS49, was collected from the hydrovac excavation. No TPH, BTEX, or chloride were detected in SS49.

Approximately 45 bbls of hydrovac material, including impacted soil, were removed during hydrovac activities. All hydrovac material was hauled to the Envirotech landfill.

A project map is included as Attachment 3, a soil sampling summary table is included as Attachment 4, lab reports are included as Attachment 5, a photographic log is included as Attachment 6, boring logs are included as Attachment 7, and notifications of the October 2025 sampling events are included as Attachment 8.

Wells, S. and Knight, T.  
Page 5

## Conclusion

Based on the results of the samples collected in October 2025 at the Sims Mesa SWD, impacted material has been removed from the Sims Mesa SWD location. Simcoe respectfully requests closure of incidents #nBP0804351945 and #nAPP2503132631 at the Sims Mesa SWD.

Should you have any questions regarding the closure request, please do not hesitate to contact me at 970-764-7356 or [ksiesser@cottonwoodconsulting.com](mailto:ksiesser@cottonwoodconsulting.com).

Sincerely,



Kyle Siesser, P.G.  
Cottonwood Consulting, LLC

Attachments: Attachment 1 – Release Documentation Information  
Attachment 2 – ECO Inspection Form (October 1, 2024)  
Attachment 3 – Project Map  
Attachment 4 – Soil Sampling Table  
Attachment 5 – Laboratory Reports  
Attachment 6 – Photographic Log  
Attachment 7 – Boring Logs  
Attachment 8 – October 2025 Sampling Notifications

Cottonwood Consulting LLC

**Attachment 1**

**Release Documentation Information**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

### Release Notification and Corrective Action

AP# 30-039-24236

#### OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy	Contact Steve Zink
Address P.O Box 6459 Navajo Dam N.M 87419	Telephone No. 505-324-5605
Facility Name Sims Mesa SWD	Facility Type Salt Water Disposal

Surface Owner State	Mineral Owner Federal	Lease No. SF 079001
---------------------	-----------------------	---------------------

#### LOCATION OF RELEASE

Unit Letter E	Section 10	Township 30N	Range 7W	Feet from the 1450'	North/South Line North line	Feet from the 790'	East/West Line West line	County Rio Arriba
------------------	---------------	-----------------	-------------	------------------------	--------------------------------	-----------------------	-----------------------------	----------------------

Latitude N36 49.8 Longitude W107 33.9

#### NATURE OF RELEASE

Type of Release Salt Water	Volume of Release 20 bbl	Volume Recovered 15 bbl
Source of Release Tank ran over	Date and Hour of Occurrence 1-22-08 11:30 AM	Date and Hour of Discovery 1-22-08 11 30AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? Steve Zink	Date and Hour 1-23-08 10:55 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RCVD JAN 25 '08  
OIL CONS. DIV.  
DIST. 3

If a Watercourse was Impacted, Describe Fully.\*

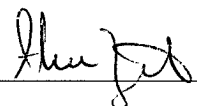

Describe Cause of Problem and Remedial Action Taken.\*

Tank header froze off allowing settlement tank to run over. We lit tank fires and got header rearticulating with hot glycol

Describe Area Affected and Cleanup Action Taken.\*

Inside the tank berm 150' x 30' ground covered with water. Had water truck suck up 15 bbl Waiting to dry up to work dirt.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Steve Zink	Approved by District Supervisor:  For: Charlie Perrin	
Title: Production Superintendent	Approval Date: 1-25-08	Expiration Date:
E-mail Address: Steve.Zink@dvn.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/24/8 Phone (505) 324-5605		

\* Attach Additional Sheets If Necessary

MBP0804351945

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

Action 425681

QUESTIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 425681
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

<b>Location of Release Source</b> <i>Please answer all the questions in this group.</i>	
Site Name	NEBU Sims Mesa SWD #001
Date Release Discovered	01/27/2025
Surface Owner	State

<b>Incident Details</b> <i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b> <i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Gasket   Produced Water   Released: 20 BBL   Recovered: 15 BBL   Lost: 5 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.



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, Page 2

Action 425681

**QUESTIONS (continued)**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 425681
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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**

ACKNOWLEDGMENTS

Action 425681

**ACKNOWLEDGMENTS**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 425681
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 425681

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 425681
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jbrann	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/31/2025

**Attachment 2**

**ECO Inspection Form (October 1, 2024)**



State of New Mexico  
Commissioner of Public Lands- Environmental Compliance Office

<b>Lease #/Lessee Contact Info:</b> NORTHEAST BLANCO UNIT/Simcoe				
<b>Operator Name/Contact Info:</b> SIMCOE LLC				
<b>Facility Type:</b> SWD	<b>Site Status:</b> Active		<b>PLSS:</b> E-10-30N-07W	
<b>Site Name:</b> NE Blanco Unit Sims Mesa SWD #1	<b>Lat/Long:</b> 36.8303986,-107.564	<b>County:</b> Rio Arriba		
<b>API:</b> 30-039-24236				
<b>General Comment (CHAT, site condition, active work etc.):</b> CHAT 1				
<b>Distance to Surface Water:</b> 2,686 ft (NW)	<b>Depth to Water:</b>	Unknown	<b>WH Protection:</b>	6,033 ft (NW)
<b>Sensitive Receptor:</b> none	<b>Closure Criteria:</b>	50/100/600		
<b>Driving Directions &amp; Ingress/Egress Conditions</b> From Bloomfield: east on Hwy 64 37.8 miles; left on NM 527 for 15.8 miles; site on right.				
<b>DESKTOP REVIEW</b>				
<b>NMOCD Incidents</b>				
Seven incidents at the facility, incidents not closed are listed here.	<b>ID:</b>	NDGF0223833169	<b>Material:</b>	Produced Water
	<b>Source:</b>	Pump	<b>Volume:</b>	50 bbls
	<b>Date:</b>	8/23/2002	<b>Closed:</b>	No
	<b>ID:</b>	nBP0804351945	<b>Material:</b>	Produced Water
	<b>Source:</b>	Tank	<b>Volume:</b>	20 bbls
	<b>Date:</b>	1/22/2008	<b>Closed:</b>	No
	<b>ID:</b>	nBP0628430543	<b>Material:</b>	Produced Water
	<b>Source:</b>	Tank	<b>Volume:</b>	160 bbls
<b>Date:</b>	9/12/2006	<b>Closed:</b>	No	
<b>Historical Aerials</b>				
<b>Year</b>	<b>Comments</b>			
2013	staining visible tanks north side of facility, erosion SE crnr			
2016	staining visible tanks north side of facility, erosion SE crnr			
2022	staining visible tanks north side of facility, erosion SE crnr			
2024	staining visible tanks north side of facility, erosion SE crnr			



State of New Mexico  
Commissioner of Public Lands- Environmental Compliance Office

FIELD INSPECTION							
<b>Date of Inspection:</b> 10/1/2024				<b>Inspector:</b> Knight			
<b>Infrastructure/Equipment</b> (Include GPS & Photos): photos attached							
<b>Tanks</b> 14	<b>Sumps</b>	<b>Electric Poles</b>	<b>Transformer</b>	<b>Separator</b>	<b>Dehydrator</b>	<b>Heater Treater</b>	
<b>Surface Lines</b>	<b>Buried Lines</b>	<b>BGT</b> 2	<b>Pit</b>	<b>Fencing</b>	<b>Buildings</b> 4	<b>Pump Jack</b>	
<b>P&amp;A Marker</b>	<b>Containment (Lined/Unlined)</b>		<b>Generators</b>	<b>Water Line</b>	<b>Elec. Line</b>		
<b>Other:</b> SWD, Tank Battery, pump buildings, equipment storage yard							
<b>Good Housekeeping</b> (Debris, Solid Waste, Dumping):							
Housekeeping is satisfactory. <span style="float: right;">+</span>							
<b>Corrective Action:</b> drums, buckets, miscellaneous debris and wind blown materials must be removed/disposed of properly.							
<b>Site Erosion Control:</b>							
Erosion off south east quadrant of facility. Erosion on banks outside of facility on southwest corner. Significant run on issues on north side.							
<b>Corrective Action:</b> Install erosion control measures to slow down watershed velocity, repair erosion features.							
<b>Vegetation Coverage:</b> grasses/shrubs				<b>Noxious Weeds:</b> russian thistle and kochia in facility and outside			
Grasses/shrubs outside of fence							
<b>Corrective Action:</b> Interseed area outside of fence where weeds are prevalent. Remove weeds inside fence.							
<b>Notes:</b> Fueling area near pump buildings needs to have containment and spill prevention improved; see photographs.							
<b>Spills:</b> Staining around farm tanks on east boundary.				<b>Containment:</b>			
<b>Location:</b> east boundary farm tank storage area				<b>Measurements</b>			
<b>Spills:</b>				<b>Containment:</b>			
<b>Location:</b>				<b>Measurements</b>			
<b>Spills:</b>				<b>Containment:</b>			
<b>Location:</b>				<b>Measurements</b>			





*State of New Mexico*  
*Commissioner of Public Lands- Environmental Compliance Office*

RECOMMENDATIONS
<b>Equipment Removal/P&amp;A</b>
Keep equipment in storage yard to a minimum. Any materials or equipment that is extraneous must be removed, recycled/disposed of properly.
<b>Delineation/Soil Sampling</b>
Collect site assessment samples in areas of concern identified in the attached photos. A site assessment plan must be submitted to <a href="mailto:eco@nmslo.gov">eco@nmslo.gov</a> . Initial samples must be collected at 1 ft bgs. Follow guidance in 19.15.29.11 NMAC for assessment plan and activities.
Include staining around farm tanks on east boundary of facility.
<b>Remediation</b>
Remediate all spills on State Trust Land, regardless of volume. Submit a remediation plan to <a href="mailto:eco@nmslo.gov">eco@nmslo.gov</a> with site assessment results, if applicable.
All open NMOCD incidents must be resolved with NMOCD and ECO.
<b>Noxious Weed Treatment</b>
Remove all weeds within facility boundary. Southwest corner, outside of fence, has significant weeds. This area needs to be treated and reclaimed. Submit a reclamation plan to <a href="mailto:eco@nmslo.gov">eco@nmslo.gov</a> for this area which is no longer needed for operations.
<b>Reseeding</b>
See above.
<b>Reclamation (Site &amp; Roads)</b>
Not applicable.

PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001

OCTOBER 1, 2024



Photo 1: Area with weeds that needs to be reclaimed.



Photo 2: Weeds outside of fence off southwest corner of facility.



**PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001**

**OCTOBER 1, 2024**



*Photo 3: Native vegetation along southern boundary of the facility.*



*Photo 4: Native vegetation along southern boundary of facility.*

PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001

OCTOBER 1, 2024



Photo 5: Erosion on southeast corner of facility.



Photo 6: Watershed across southeast quadrant that needs control and repair.



**PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001**

**OCTOBER 1, 2024**



*Photo 7: Erosion channel leaving facility in southeast corner.*



*Photo 8: Staining around stored tanks that need assessment and remediation.*



**PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001**

**OCTOBER 1, 2024**



*Photo 9: Erosion from run-on on north side of facility.*



*Photo 10: Weeds in facility that need to be removed.*



**PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001**

**OCTOBER 1, 2024**



*Photo 11: Tanks where containment and spill prevention need to be improved.*



*Photo 12: 2013 aerial documenting potential spill in northeast tank storage. This area must be assessed.*

**PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001**

**OCTOBER 1, 2024**



*Photo 13: 2016 aerial documenting potential spill in containment, this area must be assessed.*



*Photo 14: 2022 aerial illustrating areas of concern that must be assessed.*



**PHOTO LOG – NORTHEAST BLANCO UNIT SIMS MESA SWD #001**

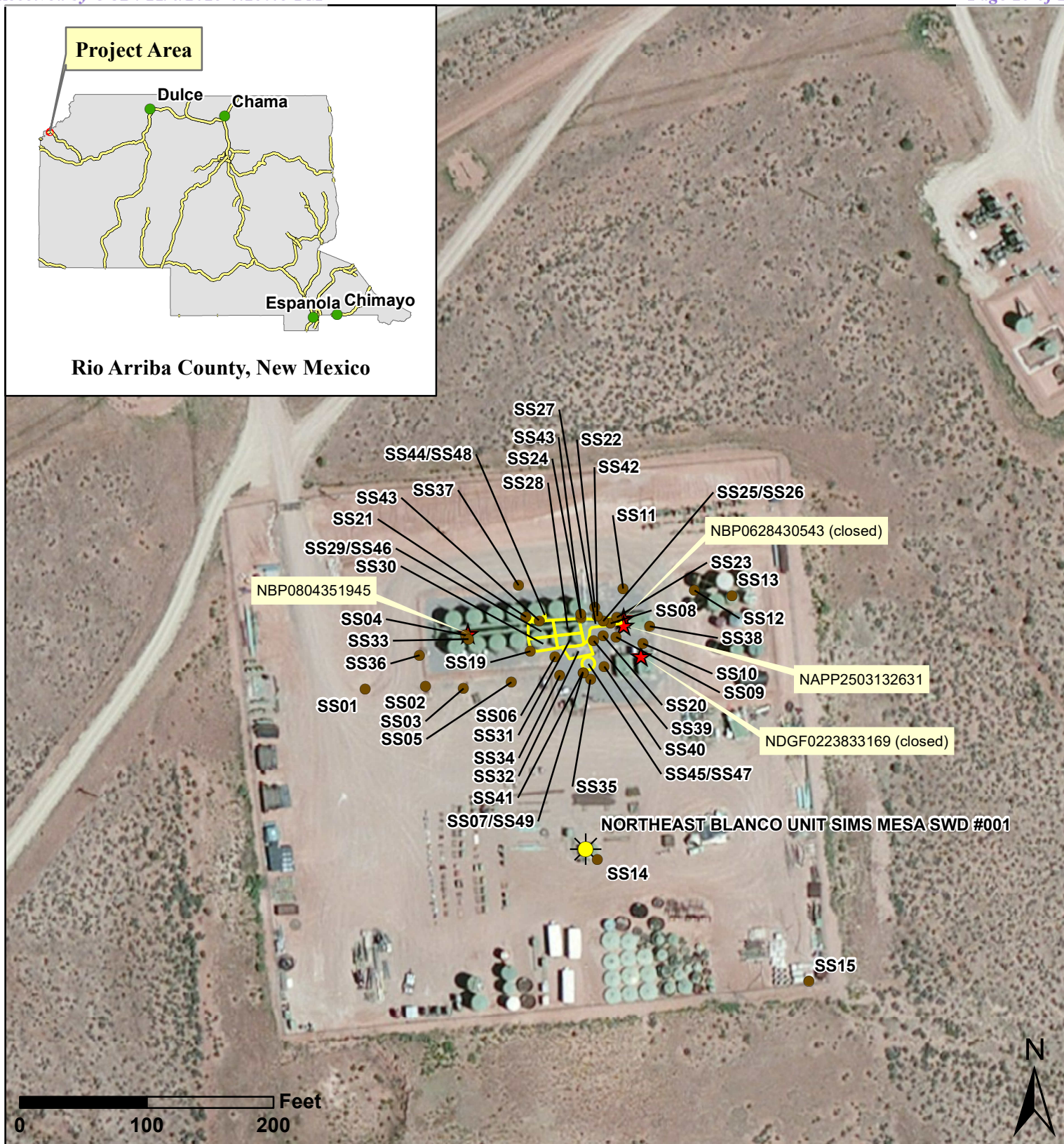
**OCTOBER 1, 2024**



*Photo 15: 2024 aerial documenting areas of concern for assessment.*





**Attachment 3**

**Project Map**



Notes: SS01-SS15 collected 1/15/2025. SS16-SS32 collected 3/20/2025. 5-point composite samples were collected within each sample area. SS33-SS36 collected 7/16/2025. SS37-SS44 collected 7/17/2025. SS45-SS47 collected 10/16/2025. SS48 & SS49 collected 10/22/2025.

### Legend

-  Injection Well
-  Point of Release
-  Soil Sample
-  Sample Area

**Cottonwood**  
CONSULTING

Mapping by: E. Millar, 11/3/2025

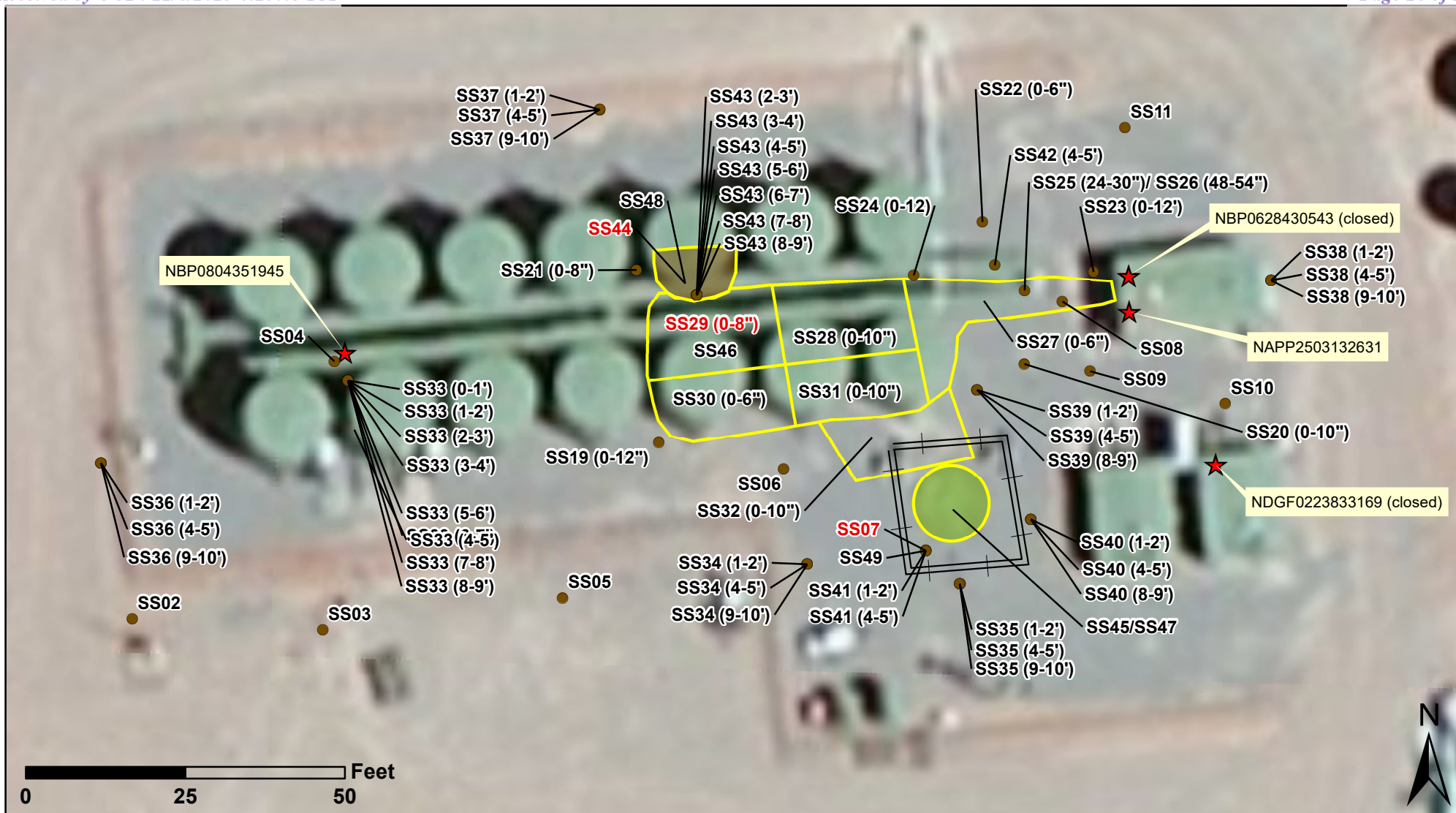
Coordinate System:

NAD 1983 UTM Zone 13 N

Location: Sec 10 T30N R7W NMPM

**Figure 1**  
**Northeast Blanco Unit**  
**Sims Mesa SWD #001**  
**Project Map**  
**Simcoe LLC**





Notes: SS01-SS15 collected 1/15/2025. SS16-SS32 collected 3/20/2025. SS33-SS36 collected 7/16/2025. SS37-SS44 collected 7/17/2025. SS45-SS47 collected 10/16/2025. SS48-SS49 collected 10/22/2025. 5-point composite samples were collected within each sample area. Samples indicated in red exceed NMOCD TPH standards.

### Legend

- Soil Sample
- ⊞ Earthen Berm
- ★ Point of Release
- ⬢ Excavation (10/22/2025)
- Sample Area
- BGT

**Cottonwood**  
CONSULTING

Mapping by: K. O'Brien, 11/3/2025

Coordinate System:

NAD 1983 UTM Zone 13 N

Location: Sec 10 T10N R7W NMPM

**Figure 2**  
**Northeast Blanco Unit**  
**Sims Mesa SWD #001**  
**Assessment & Remediation Map**  
**Simcoe LLC**



**Attachment 4**  
**Soil Sampling Table**

**Soil Sampling Results**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS01 1/15/2025	SS02 1/15/2025	SS03 1/15/2025	SS04 1/15/2025	SS05 1/15/2025	Units
Sample Location	West of ASTs	SW of ASTs	ASTs Load Out	ASTs	South of ASTs	NA
Depth	20-24	18-24	12-18	18-24	18-24	inches bgs
PID	0.1	0.0	0.1	0.4	0.1	ppm
Chloride	<20.0	<20.0	527	<20.0	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS06 1/15/2025	SS07 1/15/2025	SS08 1/15/2025	SS09 1/15/2025	SS10 1/15/2025	Units
Sample Location	ASTs	Near 'BGT	Pump Houses	Pump Houses	Pump Houses	NA
Depth	18-24	12-24	12-24	12-18	12-18	inches bgs
PID	0.1	0.1	0.5	0.0	0.1	ppm
Chloride	<20.0	<20.0	<20.0	23.6	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<25.0	240	<25.0	<25.0	<25.0	mg/kg
TPH (EXT DRO)	<50.0	332	<50.0	<50.0	<50.0	mg/kg
Total TPH	<95.0	572	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS11 1/15/2025	SS12 1/15/2025	SS13 1/15/2025	SS14 1/15/2025	SS15 1/15/2025	Units
Sample Location	North of Pump Houses	Tank Storage Area	Tank Storage Area	Well House	SE Corner of Pad	NA
Depth	12-18	12-24	12-24	12-18	12-24	inches bgs
PID	0.0	0.4	0.5	0.1	0.2	ppm
Chloride	<20.0	38.1	<20.0	65.5	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS16 (0-8") 3/20/2025	SS17 (0-6") 3/20/2025	SS18 (0-8") 3/20/2025	SS19 (0-12") 3/20/2025	SS20 (0-10") 3/20/2025	Units
Sample Location	ASTs	North of Pump Houses	North of Pump Houses	South of ASTs	East of ASTs	NA
Depth	0-8	0-6	0-8	0-12	0-10	inches bgs
PID	0.1	0.1	0.1	0.4	0.2	ppm
Chloride	<20.0	35.9	134	112	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<25.0	<25.0	<25.0	44.2	<25.0	mg/kg
TPH (EXT DRO)	<50.0	<50.0	<50.0	<50.0	<50.0	mg/kg
Total TPH	<95.0	<95.0	<95.0	44.2	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS21 (0-8") 3/20/2025	SS22 (0-6") 3/20/2025	SS23 (0-12") 3/20/2025	SS24 (0-12") 3/20/2025	SS25 (24-30") 3/20/2025	Units
Sample Location	ASTs	East of ASTs	Near Point of Release	East of ASTs	Release Area	NA
Depth	0-8	0-6	0-12	0-12	24-30	inches bgs
PID	0.2	0.2	7.8	0.2	0.1	ppm
Chloride	<20.0	<20.0	117	56.1	102	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS26 (48-54") 3/20/2025	SS27 (0-6") 3/20/2025	SS28 (0-10") 3/20/2025	SS29 (0-8") 3/20/2025	SS30 (0-6") 3/20/2025	Units
Sample Location	Release Area	Release Area	Release Area	Release Area	Release Area	NA
Depth	48-54	0-6	0-10	0-8	0-6	inches bgs
PID	0.1	0.1	0.0	50.0	0.0	ppm
Chloride	89.2	193	62.8	73.2	40.6	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	0.170	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	0.0737	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	1.43	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	1.6737	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<25.0	<25.0	<25.0	1,770	<25.0	mg/kg
TPH (EXT DRO)	<50.0	<50.0	<50.0	962	28.9	mg/kg
Total TPH	<95.0	<95.0	<95.0	2,732	28.9	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank



**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS31 (0-10") 3/20/2025	SS32 (0-10") 3/20/2025	SS33 (0-1') 7/16/2025	SS33 (1-2') 7/16/2025	SS33 (2-3') 7/16/2025	Units
Sample Location	Release Area	Release Area	Release Area	Release Area	Release Area	NA
Depth	0-10	0-10	0-12	12-24	24-36	inches bgs
PID	0.1	0.0	28.8	1.2	0.5	ppm
Chloride	86.8	174	<20.0	<20.0	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank



**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS33 (3-4') 7/16/2025	SS33 (4-5') 7/16/2025	SS33 (5-6') 7/16/2025	SS33 (6-7') 7/16/2025	SS33 (7-8') 7/16/2025	Units
Sample Location	Release Area	Release Area	Release Area	Release Area	Release Area	NA
Depth	36-48	48-60	60-72	72-84	84-96	inches bgs
PID	0.7	0.9	0.5	0.8	0.4	ppm
Chloride	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS33 (8-9') 7/16/2025	SS34 (1-2') 7/16/2025	SS34 (4-5') 7/16/2025	SS35 (1-2') 7/16/2025	SS34 (9-10') 7/16/2025	Units
Sample Location	Release Area	Release Area	Release Area	Release Area	Release Area	NA
Depth	96-108	12-24	48-60	12-24	108-120	inches bgs
PID	0.5	0.7	0.7	0.1	0.7	ppm
Chloride	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS35 (4-5') 7/16/2025	SS35 (9-10') 7/16/2025	SS36 (1-2') 7/16/2025	SS36 (4-5') 7/16/2025	SS36 (9-10') 7/16/2025	Units
Sample Location	Release Area	Release Area	Outside Release Area	Outside Release Area	Outside Release Area	NA
Depth	48-60	108-120	12-24	48-60	108-120	inches bgs
PID	0.0	0.2	0.6	1.3	0.3	ppm
Chloride	<20.0	100	<20.0	<20.0	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank



**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS37 (1-2') 7/17/2025	SS37 (4-5') 7/17/2025	SS37 (9-10') 7/17/2025	SS38 (1-2') 7/16/2025	SS38 (4-5') 7/17/2025	Units
Sample Location	Outside Release Area	Outside Release Area	Outside Release Area	Outside Release Area	Outside Release Area	NA
Depth	12-24	48-60	108-120	12-24	48-60	inches bgs
PID	0.9	0.6	0.2	0.8	0.8	ppm
Chloride	<20.0	<20.0	<20.0	<20.0	27.3	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank



**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS38 (9-10') 7/17/2025	SS39 (1-2') 7/17/2025	SS39 (4-5') 7/16/2025	SS39 (8-9') 7/16/2025	SS40 (1-2') 7/17/2025	Units
Sample Location	Outside Release Area	Release Area	Release Area	Release Area	Release Area	NA
Depth	108-120	12-24	48-60	96-108	12-24	inches bgs
PID	0.4	0.7	0.5	0.4	0.4	ppm
Chloride	<20.0	98.3	<20.0	<20.0	<20.0	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS40 (4-5') 7/17/2025	SS40 (8-9') 7/17/2025	SS41 (1-2') 7/16/2025	SS41 (4-5') 7/16/2025	SS42 (4-5') 7/17/2025	Units
Sample Location	Release Area	Release Area	Release Area	Release Area	Release Area	NA
Depth	48-60	96-108	12-24	48-60	48-60	inches bgs
PID	0.3	0.3	0.2	0.3	0.2	ppm
Chloride	<20.0	<20.0	87.8	102	103	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS43 (2-3') 7/17/2025	SS43 (3-4') 7/17/2025	SS43 (4-5') 7/16/2025	SS43 (5-6') 7/16/2025	SS43 (6-7') 7/17/2025	Units
Sample Location	Release Area	Release Area	Release Area	Release Area	Release Area	NA
Depth	24-36	36-48	48-60	60-72	72-84	inches bgs
PID	1.8	1.6	0.0	0.1	0.0	ppm
Chloride	<20.0	24.3	28.1	25.8	23.2	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<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	mg/kg
Total TPH	<95.0	<95.0	<95.0	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS43 (7-8') 7/17/2025	SS43 (8-9') 7/17/2025	SS44 7/16/2025	SS45 10/16/2025	SS46 10/16/2025	Units
Sample Location	Release Area	Release Area	Release Area	BGT Base	Release Area	NA
Depth	84-96	96-108	12-24	42	0-8	inches bgs
PID	0.2	0.0	25.5	21.8	120.6	ppm
Chloride	<20.0	<20.0	26.4	55.1	24.7	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<25.0	<25.0	226	<25.0	<25.0	mg/kg
TPH (EXT DRO)	<50.0	<50.0	121	<50.0	<50.0	mg/kg
Total TPH	<95.0	<95.0	347	<95.0	<95.0	mg/kg

**Notes:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank



**Soil Sampling Results (continued)**  
**NEBU Sims Mesa SWD #001**  
**Simcoe LLC**

Parameter	SS47 10/16/2025	SS48 10/22/2023	SS49 10/22/2025	Units
Sample Location	BGT Sidewalls	Release Area	Near BGT	NA
Depth	12-36	0-30	0-36	inches bgs
PID	79.9	0.0	0.0	ppm
Chloride	51.9	<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	<0.1000	<0.1000	<0.1000	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:**

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

NA - Not Applicable

SW - Southwest

SE - Southeast

BGT - Below grade tank

AST - Above ground storage tank

**Attachment 5**  
**Laboratory Reports**

Report to:  
Kyle Siesser



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Cottonwood Consulting

Project Name: NEBU Sims Mesa SWD #001

Work Order: E501094

Job Number: 20035-C-0001

Received: 1/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/22/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 1/22/25

Kyle Siesser  
PO Box 1653  
Durango, CO 81302



Project Name: NEBU Sims Mesa SWD #001  
Workorder: E501094  
Date Received: 1/15/2025 3:50:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2025 3:50:00PM, under the Project Name: NEBU Sims Mesa SWD #001.

The analytical test results summarized in this report with the Project Name: NEBU Sims Mesa SWD #001 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SS01	6
SS02	7
SS03	8
SS04	9
SS05	10
SS06	11
SS07	12
SS08	13
SS09	14
SS10	15
SS11	16
SS12	17
SS13	18
SS14	19
SS15	20
QC Summary Data	21
QC - Volatile Organics by EPA 8021B	21
QC - Nonhalogenated Organics by EPA 8015D - GRO	22
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
QC - Anions by EPA 300.0/9056A	24

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

## Sample Summary

Cottonwood Consulting	Project Name:	NEBU Sims Mesa SWD #001	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	01/22/25 09:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01	E501094-01A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-01B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS02	E501094-02A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-02B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS03	E501094-03A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-03B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS04	E501094-04A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-04B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS05	E501094-05A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-05B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS06	E501094-06A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-06B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS07	E501094-07A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-07B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS08	E501094-08A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-08B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS09	E501094-09A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-09B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS10	E501094-10A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-10B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS11	E501094-11A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-11B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS12	E501094-12A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-12B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS13	E501094-13A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-13B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS14	E501094-14A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-14B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
SS15	E501094-15A	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.
	E501094-15B	Soil	01/15/25	01/15/25	Glass Jar, 4 oz.



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

**SS01**

**E501094-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.3 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.8 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	116 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS02

E501094-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.5 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.1 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>		116 %	50-200	01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS03

E501094-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.3 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	99.8 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	111 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	527	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS04

E501094-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.6 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.6 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>		112 %	50-200	01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS05

E501094-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.5 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.7 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	108 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS06

E501094-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.0 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.4 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>		108 %	50-200	01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS07

E501094-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.7 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.8 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	240	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	332	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	113 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS08

E501094-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.2 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.0 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	117 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS09

E501094-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.2 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.6 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	107 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	23.6	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

## SS10

## E501094-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.6 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>		116 %	50-200	01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS11

E501094-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.2 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.0 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	107 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS12

E501094-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.3 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.7 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	109 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	38.1	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

## SS13

## E501094-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/16/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

SS14

E501094-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/18/25	
Toluene	ND	0.0250	1	01/16/25	01/18/25	
o-Xylene	ND	0.0250	1	01/16/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.6 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.9 %	70-130		01/16/25	01/18/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	116 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	65.5	20.0	1	01/16/25	01/17/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims Mesa SWD #001  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
1/22/2025 9:18:28AM

## SS15

## E501094-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Benzene	ND	0.0250	1	01/16/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/16/25	01/20/25	
Toluene	ND	0.0250	1	01/16/25	01/20/25	
o-Xylene	ND	0.0250	1	01/16/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/16/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/16/25	01/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.0 %	70-130		01/16/25	01/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2503081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/16/25	01/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.5 %	70-130		01/16/25	01/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2503085	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/16/25	
<i>Surrogate: n-Nonane</i>	120 %	50-200		01/16/25	01/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2503086	
Chloride	ND	20.0	1	01/16/25	01/17/25	





## QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims Mesa SWD #001	<b>Reported:</b>
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/22/2025 9:18:28AM

## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

## Blank (2503081-BLK1)

Prepared: 01/16/25 Analyzed: 01/18/25

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	6.82		8.00		85.3	70-130			

## LCS (2503081-BS1)

Prepared: 01/16/25 Analyzed: 01/18/25

Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.5	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
o-Xylene	4.86	0.0250	5.00		97.2	70-130			
p,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.8	0.0250	15.0		98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.76		8.00		84.6	70-130			

## Matrix Spike (2503081-MS1)

Source: E501094-01

Prepared: 01/16/25 Analyzed: 01/18/25

Benzene	4.80	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.62	0.0250	5.00	ND	92.3	61-133			
Toluene	4.76	0.0250	5.00	ND	95.1	61-130			
o-Xylene	4.59	0.0250	5.00	ND	91.9	63-131			
p,m-Xylene	9.38	0.0500	10.0	ND	93.8	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.54		8.00		81.7	70-130			

## Matrix Spike Dup (2503081-MSD1)

Source: E501094-01

Prepared: 01/16/25 Analyzed: 01/18/25

Benzene	5.05	0.0250	5.00	ND	101	54-133	5.22	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	61-133	5.81	20	
Toluene	5.02	0.0250	5.00	ND	100	61-130	5.43	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131	6.21	20	
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131	5.77	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131	5.91	20	
Surrogate: 4-Bromochlorobenzene-PID	6.75		8.00		84.4	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims Mesa SWD #001	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/22/2025 9:18:28AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2503081-BLK1) Prepared: 01/16/25 Analyzed: 01/18/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

LCS (2503081-BS2) Prepared: 01/16/25 Analyzed: 01/20/25

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			

Matrix Spike (2503081-MS2) Source: E501094-01 Prepared: 01/16/25 Analyzed: 01/20/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.7	70-130			

Matrix Spike Dup (2503081-MSD2) Source: E501094-01 Prepared: 01/16/25 Analyzed: 01/20/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	88.9	70-130	0.160	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims Mesa SWD #001	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/22/2025 9:18:28AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2503085-BLK1)					Prepared: 01/16/25 Analyzed: 01/16/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	50-200			

LCS (2503085-BS1)					Prepared: 01/16/25 Analyzed: 01/16/25				
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			

Matrix Spike (2503085-MS1)					Source: E501094-02		Prepared: 01/16/25 Analyzed: 01/16/25		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	56.8		50.0		114	50-200			

Matrix Spike Dup (2503085-MSD1)					Source: E501094-02		Prepared: 01/16/25 Analyzed: 01/16/25		
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	1.46	20	
Surrogate: n-Nonane	54.1		50.0		108	50-200			



QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims Mesa SWD #001	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/22/2025 9:18:28AM

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 (2503086-BLK1)					Prepared: 01/16/25 Analyzed: 01/16/25				
Chloride	ND	20.0							
LCS (2503086-BS1)					Prepared: 01/16/25 Analyzed: 01/16/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2503086-MS1)					Source: E501094-04		Prepared: 01/16/25 Analyzed: 01/16/25		
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2503086-MSD1)					Source: E501094-04		Prepared: 01/16/25 Analyzed: 01/16/25		
Chloride	257	20.0	250	ND	103	80-120	0.114	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 Sims Mesa SWD #001	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	01/22/25 09:18

- 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.





## Project Information

## Chain of Custody

Page 1 of 2

<b>Client:</b> Cottonwood Consulting <b>Project:</b> NEBU Sims Mesa SWD #001 <b>Project Manager:</b> Kyle Siesser <b>Address:</b> PO Box 1653 <b>City, State, Zip:</b> Durango, CO 81302 <b>Phone:</b> 970-764-7356 <b>Email:</b> ksiesser@cottonwoodconsulting.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> _____ <b>Address:</b> _____ <b>City, State, Zip:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____		<b>Lab Use Only</b> <b>Lab WO#</b> E501094 <b>Job Number</b> 20035 C-0001 <b>Analysis and Method</b>		<b>TAT</b> 1D 2D 3D Standard X		<b>EPA Program</b> CWA SDWA RCRA								
									<b>State</b> NM CO UT AZ TX										
									X										
									Remarks										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0								
0940	1/15/24	Soil	2	SS01	1	✓	✓	✓			✓								
0950	1/15/24	Soil	2	SS02	2														
1015	1/15/24	Soil	2	SS03	3														
1020	1/15/24	Soil	2	SS04	4														
1040	1/15/24	Soil	2	SS05	5														
1100	1/15/24	Soil	2	SS06	6														
1110	1/15/24	Soil	2	SS07	7														
1120	1/15/24	Soil	2	SS08	8														
1140	1/15/24	Soil	2	SS09	9														
1220	1/15/24	Soil	2	SS10	10														
<b>Additional Instructions:</b> please cc emillar@cottonwoodconsulting.com, kobrien@cottonwoodconsulting.com, jlafortune@cottonwoodconsulting.com, and dsonger@cottonwoodconsulting.com with results																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
Relinquished by: (Signature) _____ Date 1/15/25 Time 1550 Received by: (Signature) _____ Date 1/15/25 Time 15:50																			
Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____																			
Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____																			
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 30 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.																			



## Project Information

## Chain of Custody

## Page 1 of 2

Client: Cottonwood Consulting		Bill To		Lab Use Only		TAT		EPA Program											
Project: NEBU Sims Mesa SWD #001		Attention:		Lab WO#		1D 2D 3D		CWA SDWA											
Project Manager: Kyle Siesser		Address:		Job Number															
Address: PO Box 1653		City, State, Zip		20035-C-0001				RCRA											
City, State, Zip Durango, CO 81302		Phone:		Analysis and Method				State											
Phone: 970-764-7356		Email:						NM CO UT AZ TX											
Email: ksiesser@cottonwoodconsulting.com								x											
Report due by:								Remarks											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0								
1250	1/15/24	Soil	2	SS11	11	✓	✓	✓		✓									
1305	1/15/24	Soil	2	SS12	12	✓	✓	✓											
1315	1/15/24	Soil	2	SS13	13	✓	✓	✓											
1340	1/15/24	Soil	2	SS14	14	✓	✓	✓											
1350	1/15/24	Soil	2	SS15	15	✓	✓	✓		✓									
<b>Additional Instructions:</b> please cc emillar@cottonwoodconsulting.com, kobrien@cottonwoodconsulting.com, jlafortune@cottonwoodconsulting.com, and dsonger@cottonwoodconsulting.com with results																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Relinquished by: (Signature)										Lab Use Only									
Date 1/15/25										Received on ice: (Y) N									
Time 1550										T1 T2 T3									
Relinquished by: (Signature)										AVG Temp °C 4									
Time																			
Relinquished by: (Signature)																			
Time																			
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 30 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: 1/16/2025 8:22:20AM

## 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:	01/15/25 15:50	Work Order ID:	E501094
Phone:	970-764-7356	Date Logged In:	01/16/25 08:12	Logged In By:	Caitlin Mars
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	01/22/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Kelsey O' BienComments/ResolutionSample 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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

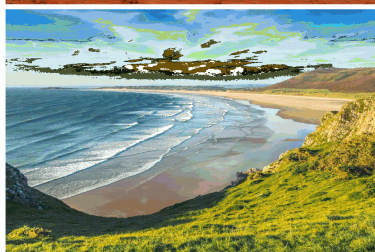
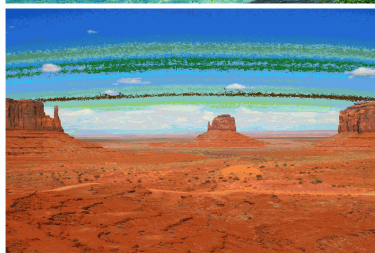
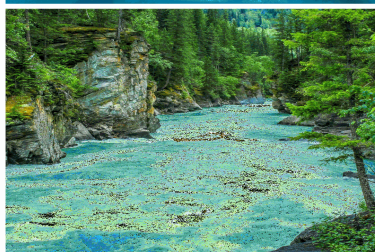
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Kyle Siesser



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Cottonwood Consulting

Project Name: NEBU Sims SWD

Work Order: E503185

Job Number: 20035-C-0001

Received: 3/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/26/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 3/26/25

Kyle Siesser  
PO Box 1653  
Durango, CO 81302



Project Name: NEBU Sims SWD  
Workorder: E503185  
Date Received: 3/20/2025 3:24:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/20/2025 3:24:00PM, under the Project Name: NEBU Sims SWD.

The analytical test results summarized in this report with the Project Name: NEBU Sims SWD 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SS16 (0-8")	6
SS17 (0-6")	7
SS18 (0-8")	8
SS19 (0-12")	9
SS20 (0-10")	10
SS21 (0-8")	11
SS22 (0-6")	12
SS23 (0-12")	13
SS24 (0-12")	14
SS25 (24-30")	15
SS26 (48-54")	16
SS27 (0-6")	17
SS28 (0-10")	18
SS29 (0-8")	19
SS30 (0-6")	20
SS31 (0-10")	21
SS32 (0-10")	22
QC Summary Data	23
QC - Volatile Organics by EPA 8021B	23
QC - Nonhalogenated Organics by EPA 8015D - GRO	24



## Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	25
QC - Anions by EPA 300.0/9056A	26
Definitions and Notes	27
Chain of Custody etc.	28

## Sample Summary

Cottonwood Consulting	Project Name:	NEBU Sims SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	03/26/25 12:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS16 (0-8")	E503185-01A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS17 (0-6")	E503185-02A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS18 (0-8")	E503185-03A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS19 (0-12")	E503185-04A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS20 (0-10")	E503185-05A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS21 (0-8")	E503185-06A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS22 (0-6")	E503185-07A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS23 (0-12")	E503185-08A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS24 (0-12")	E503185-09A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS25 (24-30")	E503185-10A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS26 (48-54")	E503185-11A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS27 (0-6")	E503185-12A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS28 (0-10")	E503185-13A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS29 (0-8")	E503185-14A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS30 (0-6")	E503185-15A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS31 (0-10")	E503185-16A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.
SS32 (0-10")	E503185-17A	Soil	03/20/25	03/20/25	Glass Jar, 4 oz.



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

**SS16 (0-8")**

**E503185-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.3 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
	113 %	61-141		03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	ND	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

SS17 (0-6")

E503185-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.9 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	35.9	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

## SS18 (0-8")

## E503185-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	134	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

## SS19 (0-12")

## E503185-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.9 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.5 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	44.2	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	112	20.0	1	03/21/25	03/21/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

## SS20 (0-10")

## E503185-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	ND	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

SS21 (0-8")

E503185-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.6 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.8 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>	112 %	61-141		03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	ND	20.0	1	03/21/25	03/21/25	



Sample Data

Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project Name: NEBU Sims SWD Project Number: 20035-C-0001 Project Manager: Kyle Siesser	Reported: 3/26/2025 12:12:22PM
---	--	-----------------------------------

SS22 (0-6")  
E503185-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
Surrogate: 4-Bromochlorobenzene-PID	96.2 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	85.0 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
Surrogate: n-Nonane	110 %	61-141		03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	ND	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

## SS23 (0-12")

## E503185-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.0 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
		114 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	117	40.0	2	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

SS24 (0-12")

E503185-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
		124 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	56.1	20.0	1	03/21/25	03/21/25	



Sample Data

Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project Name: NEBU Sims SWD Project Number: 20035-C-0001 Project Manager: Kyle Siesser	Reported: 3/26/2025 12:12:22PM
---	--	-----------------------------------

SS25 (24-30")

E503185-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
		127 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	102	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

SS26 (48-54")

E503185-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
		124 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	89.2	20.0	1	03/21/25	03/21/25	





Sample Data

Cottonwood Consulting	Project Name:	NEBU Sims SWD	<b>Reported:</b> 3/26/2025 12:12:22PM
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	

SS27 (0-6")  
E503185-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
Surrogate: 4-Bromochlorobenzene-PID	103 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.5 %	70-130		03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
Surrogate: n-Nonane	121 %	61-141		03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	193	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

## SS28 (0-10")

## E503185-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	62.8	40.0	2	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

SS29 (0-8")

E503185-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	0.0737	0.0250	1	03/21/25	03/22/25	
Toluene	0.170	0.0250	1	03/21/25	03/22/25	
o-Xylene	0.353	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	1.08	0.0500	1	03/21/25	03/22/25	
Total Xylenes	1.43	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		120 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	1770	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	962	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	73.2	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

## SS30 (0-6")

## E503185-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2512176
Benzene	ND	0.0250	1	03/21/25	03/22/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/22/25	
Toluene	ND	0.0250	1	03/21/25	03/22/25	
o-Xylene	ND	0.0250	1	03/21/25	03/22/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/22/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2512176
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	03/21/25	03/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2512175
Diesel Range Organics (C10-C28)	28.9	25.0	1	03/21/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/24/25	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	03/21/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2512177
Chloride	40.6	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

## SS31 (0-10")

## E503185-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/23/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/23/25	
Toluene	ND	0.0250	1	03/21/25	03/23/25	
o-Xylene	ND	0.0250	1	03/21/25	03/23/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/23/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	03/21/25	03/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	03/21/25	03/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>						
		119 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	86.8	20.0	1	03/21/25	03/21/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: NEBU Sims SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
3/26/2025 12:12:22PM

SS32 (0-10")

E503185-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Benzene	ND	0.0250	1	03/21/25	03/23/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/23/25	
Toluene	ND	0.0250	1	03/21/25	03/23/25	
o-Xylene	ND	0.0250	1	03/21/25	03/23/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/23/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	03/21/25	03/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2512176	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	03/21/25	03/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2512175	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/21/25	03/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/21/25	03/22/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	03/21/25	03/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2512177	
Chloride	174	20.0	1	03/21/25	03/22/25	



QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	3/26/2025 12:12:22PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2512176-BLK1) Prepared: 03/21/25 Analyzed: 03/22/25

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	7.73		8.00		96.7	70-130			

LCS (2512176-BS1) Prepared: 03/21/25 Analyzed: 03/22/25

Benzene	5.87	0.0250	5.00		117	70-130			
Ethylbenzene	5.69	0.0250	5.00		114	70-130			
Toluene	5.93	0.0250	5.00		119	70-130			
o-Xylene	5.86	0.0250	5.00		117	70-130			
p,m-Xylene	11.4	0.0500	10.0		114	70-130			
Total Xylenes	17.3	0.0250	15.0		115	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

Matrix Spike (2512176-MS1) Source: E503185-07 Prepared: 03/21/25 Analyzed: 03/22/25

Benzene	5.89	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.74	0.0250	5.00	ND	115	70-130			
Toluene	5.98	0.0250	5.00	ND	120	70-130			
o-Xylene	5.90	0.0250	5.00	ND	118	70-130			
p,m-Xylene	11.5	0.0500	10.0	ND	115	70-130			
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.4	70-130			

Matrix Spike Dup (2512176-MSD1) Source: E503185-07 Prepared: 03/21/25 Analyzed: 03/22/25

Benzene	5.75	0.0250	5.00	ND	115	70-130	2.46	27	
Ethylbenzene	5.58	0.0250	5.00	ND	112	70-130	2.77	26	
Toluene	5.82	0.0250	5.00	ND	116	70-130	2.66	20	
o-Xylene	5.75	0.0250	5.00	ND	115	70-130	2.62	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	2.81	23	
Total Xylenes	16.9	0.0250	15.0	ND	113	70-130	2.74	26	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			





## QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	3/26/2025 12:12:22PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

## Blank (2512176-BLK1)

Prepared: 03/21/25 Analyzed: 03/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			

## LCS (2512176-BS2)

Prepared: 03/21/25 Analyzed: 03/22/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.7	70-130			

## Matrix Spike (2512176-MS2)

Source: E503185-07

Prepared: 03/21/25 Analyzed: 03/22/25

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.81		8.00		85.1	70-130			

## Matrix Spike Dup (2512176-MSD2)

Source: E503185-07

Prepared: 03/21/25 Analyzed: 03/22/25

Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130	1.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.85		8.00		85.6	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	3/26/2025 12:12:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2512175-BLK1)					Prepared: 03/21/25 Analyzed: 03/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	61-141			

LCS (2512175-BS1)					Prepared: 03/21/25 Analyzed: 03/22/25				
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	48.3		50.0		96.6	61-141			

Matrix Spike (2512175-MS1)					Source: E503184-21		Prepared: 03/21/25 Analyzed: 03/22/25		
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	54.6		50.0		109	61-141			

Matrix Spike Dup (2512175-MSD1)					Source: E503184-21		Prepared: 03/21/25 Analyzed: 03/22/25		
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156	3.10	20	
Surrogate: n-Nonane	52.1		50.0		104	61-141			



QC Summary Data

Cottonwood Consulting	Project Name:	NEBU Sims SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	3/26/2025 12:12:22PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2512177-BLK1)					Prepared: 03/21/25 Analyzed: 03/21/25				
Chloride	ND	20.0							
LCS (2512177-BS1)					Prepared: 03/21/25 Analyzed: 03/21/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2512177-MS1)					Source: E503185-03		Prepared: 03/21/25 Analyzed: 03/21/25		
Chloride	393	20.0	250	134	104	80-120			
Matrix Spike Dup (2512177-MSD1)					Source: E503185-03		Prepared: 03/21/25 Analyzed: 03/21/25		
Chloride	399	20.0	250	134	106	80-120	1.36	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 Sims SWD	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	03/26/25 12:12

- 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.

## Project Information

## Chain of Custody

Page 2 of 2

Client: Cottonwood Consulting Project: NEBU Sims SWD Project Manager: Kyle Siesser Address: PO Box 1653 City, State, Zip: Durango, CO 81302 Phone: 970-764-7356 Email: ksiesser@cottonwoodconsulting.com Report due by:					<b>Bill To</b> Attention: Address: City, State, Zip Phone: Email:		<b>Lab Use Only</b> Lab WO# E503185 Job Number 20035-C-0001 Analysis and Method						<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA	
													RCRA State NM CO UT AZ TX x					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							Remarks
0940	3/20/2025	Soil	1	SS16 (0-8")	1	✓	✓	✓		✓								
0955	3/20/2025	Soil	1	SS17 (0-6")	2													
1010	3/20/2025	Soil	1	SS18 (0-8")	3													
1025	3/20/2025	Soil	1	SS19 (0-12")	4													
1030	3/20/2025	Soil	1	SS20 (0-10")	5													
1035	3/20/2025	Soil	1	SS21 (0-8")	6													
1040	3/20/2025	Soil	1	SS22 (0-6")	7													
1100	3/20/2025	Soil	1	SS23 (0-12")	8													
1110	3/20/2025	Soil	1	SS24 (0-12")	9													
1135	3/20/2025	Soil	1	SS25 (24-30")	10	✓	✓	✓		✓								
<b>Additional Instructions:</b> please cc emillar@cottonwoodconsulting.com, kobrien@cottonwoodconsulting.com, jlafortune@cottonwoodconsulting.com, and dsonger@cottonwoodconsulting.com with results I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Relinquished by: (Signature) <i>Kyle Siesser</i> Relinquished by: (Signature) Relinquished by: (Signature)						Date <i>3/20/25</i> Time <i>15:24</i> Date Date Received by: (Signature) <i>Carth...</i> Received by: (Signature) Received by: (Signature)						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <i>(Y) N</i> T1 T2 T3 AVG Temp °C <i>4</i>						
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 30 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.																		



## Project Information

## Chain of Custody

Page **2** of **2**

<b>Client:</b> Cottonwood Consulting <b>Project:</b> NEBU Sims SWD <b>Project Manager:</b> Kyle Siesser <b>Address:</b> PO Box 1653 <b>City, State, Zip:</b> Durango, CO 81302 <b>Phone:</b> 970-764-7356 <b>Email:</b> ksiesser@cottonwoodconsulting.com <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b>		<b>Lab Use Only</b> <b>Lab WO#</b> E 503185 <b>Job Number</b> 20035-C-0001		<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA					
						<b>Analysis and Method</b> DRO 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0				RCRA							
										<b>State</b> NM CO UT AZ TX							
										x							
										Remarks							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	1D	2D	3D	Standard	CWA	SDWA
1200	3/20/2025	Soil	1	SS26 (48-54")	11	✓	✓	✓		✓							
1230	3/20/2025	Soil	1	SS27 (0-6")	12												
1245	3/20/2025	Soil	1	SS28 (0-10")	13												
1305	3/20/2025	Soil	1	SS29 (0-8")	14												
1320	3/20/2025	Soil	1	SS30 (0-6")	15												
1335	↓	↓	↓	SS31 (0-10")	16												
1350	↓	↓	↓	SS32 (0-10")	17	↓	↓	↓		↓							

**Additional Instructions:**  
 please cc emillar@cottonwoodconsulting.com, kobrien@cottonwoodconsulting.com, jlafortune@cottonwoodconsulting.com, and dsonger@cottonwoodconsulting.com with results

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

Sampled by: Kelsey O'Brien / Joseph LaFortune

Relinquished by: (Signature) Kyle Siesser Date 3/20/25 Time 1524 Received by: (Signature) Carla Mae Date 3-20-25 Time 15:24

Relinquished by: (Signature) Date Time Received by: (Signature) Date Time

Relinquished by: (Signature) Date Time Received by: (Signature) Date Time

Lab Use Only  
 Received on ice: (Y) N  
 T1 T2 T3  
 AVG Temp °C 4

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 30 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: 3/21/2025 10:25:18AM

## 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:	03/20/25 15:24	Work Order ID:	E503185
Phone:	970-764-7356	Date Logged In:	03/21/25 10:05	Logged In By:	Noe Soto
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	03/27/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Kelsey O' BienComments/ResolutionSample 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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:

Client Instruction

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

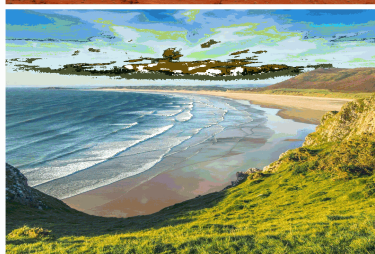
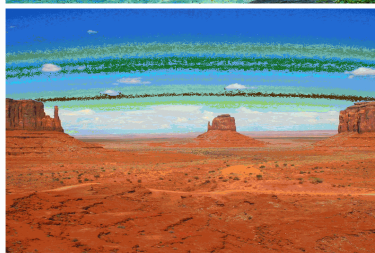
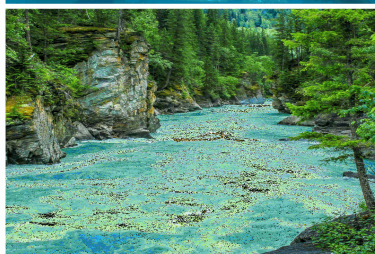
Date



envirotech Inc.



Report to:  
Kyle Siesser



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Cottonwood Consulting

Project Name: Sims Mesa SWD

Work Order: E507221

Job Number: 20035-C-0001

Received: 7/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 7/25/25

Kyle Siesser  
PO Box 1653  
Durango, CO 81302



Project Name: Sims Mesa SWD  
Workorder: E507221  
Date Received: 7/18/2025 11:55:00AM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2025 11:55:00AM, under the Project Name: Sims Mesa SWD.

The analytical test results summarized in this report with the Project Name: Sims Mesa SWD 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SS33 (0-1')	6
SS33 (1-2')	7
SS33 (2-3')	8
SS33 (3-4')	9
SS33 (4-5')	10
SS33 (5-6')	11
SS33 (6-7')	12
SS33 (7-8')	13
SS33 (8-9')	14
SS34 (1-2')	15
SS34 (4-5')	16
SS34 (9-10')	17
SS35 (1-2')	18
SS35 (4-5')	19
SS35 (9-10')	20
SS36 (1-2')	21
SS36 (4-5')	22
SS36 (9-10')	23
QC Summary Data	24
QC - Volatile Organic Compounds by EPA 8260B	24

Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - GRO	25
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	26
QC - Anions by EPA 300.0/9056A	27
Definitions and Notes	28
Chain of Custody etc.	29

## Sample Summary

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	07/25/25 13:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS33 (0-1')	E507221-01A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (1-2')	E507221-02A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (2-3')	E507221-03A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (3-4')	E507221-04A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (4-5')	E507221-05A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (5-6')	E507221-06A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (6-7')	E507221-07A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (7-8')	E507221-08A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS33 (8-9')	E507221-09A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS34 (1-2')	E507221-10A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS34 (4-5')	E507221-11A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS34 (9-10')	E507221-12A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS35 (1-2')	E507221-13A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS35 (4-5')	E507221-14A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS35 (9-10')	E507221-15A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS36 (1-2')	E507221-16A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS36 (4-5')	E507221-17A	Soil	07/16/25	07/18/25	Glass Jar, 4 oz.
SS36 (9-10')	E507221-18A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (0-1')

E507221-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		87.8 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (1-2')

E507221-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		89.2 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (2-3')

E507221-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		90.3 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (3-4')

E507221-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		93.5 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (4-5')

E507221-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		92.1 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (5-6')

E507221-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		89.2 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (6-7')

E507221-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		109 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		109 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		90.3 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (7-8')

E507221-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/23/25	
Surrogate: n-Nonane		88.3 %	61-141	07/23/25	07/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS33 (8-9')

E507221-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		114 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		110 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		114 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		110 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.8 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS34 (1-2')

E507221-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		105 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		105 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		87.0 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS34 (4-5')

E507221-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		91.6 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

## SS34 (9-10')

## E507221-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		105 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		105 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		92.5 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS35 (1-2')

E507221-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		92.2 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS35 (4-5')

E507221-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		109 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		109 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		90.0 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS35 (9-10')

E507221-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.4 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	100	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS36 (1-2')

E507221-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		89.4 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS36 (4-5')

E507221-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		89.7 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 1:50:57PM

SS36 (9-10')

E507221-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Benzene	ND	0.0250	1	07/22/25	07/25/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/25/25	
Toluene	ND	0.0250	1	07/22/25	07/25/25	
o-Xylene	ND	0.0250	1	07/22/25	07/25/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/25/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		114 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/25/25	
Surrogate: Bromofluorobenzene		114 %	70-130	07/22/25	07/25/25	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	07/22/25	07/25/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.8 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530103
Chloride	ND	20.0	1	07/23/25	07/24/25	



## QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 1:50:57PM

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

## Blank (2530045-BLK1)

Prepared: 07/22/25 Analyzed: 07/24/25

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: Bromofluorobenzene	0.551		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

## LCS (2530045-BS1)

Prepared: 07/22/25 Analyzed: 07/24/25

Benzene	2.65	0.0250	2.50		106	70-130			
Ethylbenzene	2.80	0.0250	2.50		112	70-130			
Toluene	2.64	0.0250	2.50		106	70-130			
o-Xylene	2.74	0.0250	2.50		110	70-130			
p,m-Xylene	5.46	0.0500	5.00		109	70-130			
Total Xylenes	8.20	0.0250	7.50		109	70-130			
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

## Matrix Spike (2530045-MS1)

Source: E507221-03

Prepared: 07/22/25 Analyzed: 07/24/25

Benzene	2.76	0.0250	2.50	ND	110	48-131			
Ethylbenzene	2.89	0.0250	2.50	ND	116	45-135			
Toluene	2.75	0.0250	2.50	ND	110	48-130			
o-Xylene	2.88	0.0250	2.50	ND	115	43-135			
p,m-Xylene	5.71	0.0500	5.00	ND	114	43-135			
Total Xylenes	8.59	0.0250	7.50	ND	115	43-135			
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

## Matrix Spike Dup (2530045-MSD1)

Source: E507221-03

Prepared: 07/22/25 Analyzed: 07/24/25

Benzene	2.67	0.0250	2.50	ND	107	48-131	3.11	23	
Ethylbenzene	2.92	0.0250	2.50	ND	117	45-135	0.965	27	
Toluene	2.77	0.0250	2.50	ND	111	48-130	0.725	24	
o-Xylene	2.95	0.0250	2.50	ND	118	43-135	2.25	27	
p,m-Xylene	5.83	0.0500	5.00	ND	117	43-135	2.10	27	
Total Xylenes	8.78	0.0250	7.50	ND	117	43-135	2.15	27	
Surrogate: Bromofluorobenzene	0.567		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 1:50:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2530045-BLK1) Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.551		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

LCS (2530045-BS2) Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	59.5	20.0	50.0		119	70-130			
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			

Matrix Spike (2530045-MS2) Source: E507221-03 Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

Matrix Spike Dup (2530045-MSD2) Source: E507221-03 Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130	4.11	20	
Surrogate: Bromofluorobenzene	0.565		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 1:50:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2530095-BLK1)					Prepared: 07/23/25 Analyzed: 07/23/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.8	61-141			

LCS (2530095-BS1)					Prepared: 07/23/25 Analyzed: 07/23/25				
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	66-144			
Surrogate: n-Nonane	43.1		50.0		86.2	61-141			

Matrix Spike (2530095-MS1)					Source: E507221-14		Prepared: 07/23/25 Analyzed: 07/23/25		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	44.4		50.0		88.9	61-141			

Matrix Spike Dup (2530095-MSD1)					Source: E507221-14		Prepared: 07/23/25 Analyzed: 07/23/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	1.95	20	
Surrogate: n-Nonane	44.6		50.0		89.2	61-141			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 1:50:57PM

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 (2530103-BLK1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	ND	20.0							
LCS (2530103-BS1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2530103-MS1)					Source: E507221-07		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2530103-MSD1)					Source: E507221-07		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	256	20.0	250	ND	102	80-120	0.356	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:	Sims Mesa SWD	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	07/25/25 13:50

- 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.





## Chain of Custody

Page 1 of 5

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Cottonwood Consulting LLC				Company: Cottonwood Consulting LLC		Lab WO#		1D 2D 3D Std				NM CO UT TX						
Project Name: Sims Mesa SWD				Address: PO Box 1653		E507221		Job Number				20030-C-0001						
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						Analysis and Method								EPA Program				
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	SDWA	CWA	RCRA
0910	7/16/2025	Soil	1	SS33 (0-1')		1	X	X	X		X							
0915	7/16/2025			SS33 (1-2')		2												
0920	7/16/2025			SS33 (2-3')		3												
0925	7/16/2025			SS33 (3-4')		4												
0935	7/16/2025			SS33 (4-5')		5												
0950	7/16/2025			SS33 (5-6')		6												
1000	7/16/2025			SS33 (6-7')		7												
1010	7/16/2025			SS33 (7-8')		8												
1025	7/16/2025	✓	✓	SS33 (8-9')		9	✓	✓	✓	✓	✓							
						10	CM											
<b>Additional Instructions:</b> 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: Joseph LaFortune																		
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. <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N						
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								
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.																		





## Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT		State	
<b>Client:</b> Cottonwood Consulting LLC <b>Project Name:</b> Sims Mesa SWD <b>Project Manager:</b> Kyle Siessler <b>Address:</b> PO Box 1653 <b>City, State, Zip:</b> Durango CO 81302 <b>Phone:</b> 970-764-7356 <b>Email:</b> kssiessler@cottonwoodconsulting.com		<b>Company:</b> Cottonwood Consulting LLC <b>Address:</b> PO Box 1653 <b>City, State, Zip:</b> Durango CO 81302 <b>Phone:</b> 970-764-7356 <b>Email:</b> kssiessler@cottonwoodconsulting.com <b>Miscellaneous:</b>		<b>Lab WOH#</b> E501221 <b>Job Number</b> 8026-C-0001		<b>1D</b> <input type="checkbox"/> <b>2D</b> <input type="checkbox"/> <b>3D</b> <input type="checkbox"/> <b>Std</b> <input checked="" type="checkbox"/>		<b>NM</b> <input checked="" type="checkbox"/> <b>CO</b> <input type="checkbox"/> <b>UT</b> <input type="checkbox"/> <b>TX</b> <input type="checkbox"/>	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	Analysis and Method		
1115	7/16/2025	Soil	1	SS34 (1-2')		H10	DRO/DRO by 8015	BDQC - NM	BDQC - TX
1135	7/16/2025	SS34 (4-5')				H11	BITEX by 8021		
1205	7/16/2025	SS34 (9-10')				H12	VOC by 8260		
1300	7/16/2025	SS35 (1-2')				H13	Chloride 300.0		
1315	7/16/2025	SS35 (4-5')				H14	TCEQ 1005 - TX		
1400	7/16/2025	SS35 (9-10')				H15	RCRA 8 Metals		
1420	7/16/2025	SS36 (1-2')				H16			
1435	7/16/2025	SS36 (4-5')				H17			
0935	7/17/2025	SS36 (9-10')				H18			
						H19			
						H20			
<b>Additional Instructions:</b> Please CC jharter@cottonwoodconsulting.com emailjar@cottonwoodconsulting.com kcoburn@cottonwoodconsulting.com jlafortune@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: Joseph Lafortune									
Date	Time	Date	Time	Date	Time	Date	Time	Container Type: B - glass, P - poly/plastic, AG - amber glass, V - VOA	
Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time		
Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time		
Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time		
Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time		
Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time	Received by: (Signature)	Time		
Samples requiring thermal preservation must be received on ice the day they are sampled or above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N									
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: 7/18/2025 12:45:35PM

## 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:	07/18/25 11:55	Work Order ID:	E507221
Phone:	970-764-7356	Date Logged In:	07/18/25 12:41	Logged In By:	Caitlin Mars
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	07/25/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Joseph LaFortuneComments/Resolution

Project Sims Mesa SWD has been separated into 2 reports due to sample volume. WOs are E507221 & E507222.

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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

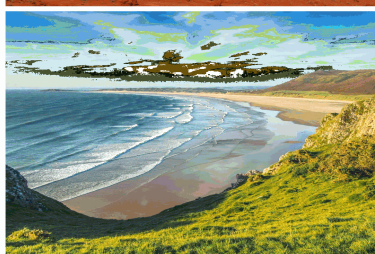
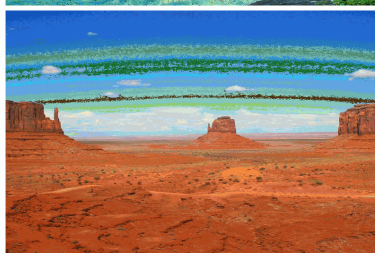
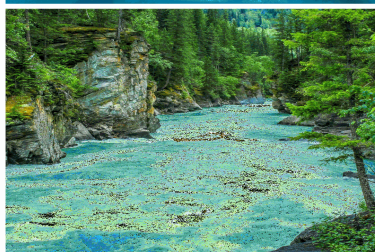
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Kyle Siesser



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Cottonwood Consulting

Project Name: Sims Mesa SWD

Work Order: E507222

Job Number: 20035-C-0001

Received: 7/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 7/25/25

Kyle Siesser  
PO Box 1653  
Durango, CO 81302



Project Name: Sims Mesa SWD  
Workorder: E507222  
Date Received: 7/18/2025 11:55:00AM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2025 11:55:00AM, under the Project Name: Sims Mesa SWD.

The analytical test results summarized in this report with the Project Name: Sims Mesa SWD 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SS37 (1-2')	6
SS37 (4-5')	7
SS37 (9-10')	8
SS38 (1-2')	9
SS38 (4-5')	10
SS38 (9-10')	11
SS39 (1-2')	12
SS39 (4-5')	13
SS39 (8-9')	14
SS40 (1-2')	15
SS40 (4-5')	16
SS40 (8-9')	17
SS41 (1-2')	18
SS41 (4-5')	19
SS42 (4-5')	20
SS43 (2-3')	21
SS43 (3-4')	22
SS43 (4-5')	23
SS43 (5-6')	24
SS43 (6-7')	25

## Table of Contents (continued)

SS43 (7-8')	26
SS43 (8-9')	27
SS44	28
QC Summary Data	29
QC - Volatile Organic Compounds by EPA 8260B	29
QC - Nonhalogenated Organics by EPA 8015D - GRO	31
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
QC - Anions by EPA 300.0/9056A	35
Definitions and Notes	37
Chain of Custody etc.	38



## Sample Summary

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	07/25/25 15:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS37 (1-2')	E507222-01A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS37 (4-5')	E507222-02A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS37 (9-10')	E507222-03A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS38 (1-2')	E507222-04A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS38 (4-5')	E507222-05A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS38 (9-10')	E507222-06A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS39 (1-2')	E507222-07A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS39 (4-5')	E507222-08A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS39 (8-9')	E507222-09A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS40 (1-2')	E507222-10A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS40 (4-5')	E507222-11A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS40 (8-9')	E507222-12A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS41 (1-2')	E507222-13A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS41 (4-5')	E507222-14A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS42 (4-5')	E507222-15A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS43 (2-3')	E507222-16A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS43 (3-4')	E507222-17A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS43 (4-5')	E507222-18A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS43 (5-6')	E507222-19A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS43 (6-7')	E507222-20A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS43 (7-8')	E507222-21A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS43 (8-9')	E507222-22A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.
SS44	E507222-23A	Soil	07/17/25	07/18/25	Glass Jar, 4 oz.



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

**SS37 (1-2')**

**E507222-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	07/22/25	07/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	07/22/25	07/24/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	07/22/25	07/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	07/22/25	07/24/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
<i>Surrogate: n-Nonane</i>		87.1 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS37 (4-5')

E507222-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.8 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS37 (9-10')

E507222-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		86.5 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS38 (1-2')

E507222-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		108 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		86.6 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS38 (4-5')

E507222-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		85.5 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	27.3	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS38 (9-10')

E507222-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		109 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		109 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		89.3 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS39 (1-2')

E507222-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		86.5 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	98.3	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS39 (4-5')

E507222-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.2 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS39 (8-9')

E507222-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		89.2 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS40 (1-2')

E507222-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.2 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS40 (4-5')

E507222-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		84.9 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS40 (8-9')

E507222-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		86.6 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS41 (1-2')

E507222-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		105 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		105 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.1 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	87.8	20.0	1	07/23/25	07/24/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS41 (4-5')

E507222-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.7 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	102	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS42 (4-5')

E507222-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.3 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	103	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS43 (2-3')

E507222-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		87.9 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS43 (3-4')

E507222-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		107 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		87.4 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	24.3	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS43 (4-5')

E507222-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		88.4 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	28.1	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS43 (5-6')

E507222-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		106 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		87.4 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	25.8	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS43 (6-7')

E507222-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		104 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2530046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		104 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2530096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		87.6 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530104
Chloride	23.2	20.0	1	07/23/25	07/24/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS43 (7-8')

E507222-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530044
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		103 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2530044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		103 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2530094
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		97.8 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2530101
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS43 (8-9')

E507222-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2530044	
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		101 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2530044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene		108 %	70-130	07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	07/22/25	07/24/25	
Surrogate: Toluene-d8		101 %	70-130	07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2530094	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane		95.6 %	61-141	07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2530101	
Chloride	ND	20.0	1	07/23/25	07/24/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
7/25/2025 3:30:41PM

SS44

E507222-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2530044	
Benzene	ND	0.0250	1	07/22/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/22/25	07/24/25	
Toluene	ND	0.0250	1	07/22/25	07/24/25	
o-Xylene	ND	0.0250	1	07/22/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/22/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene	108 %	70-130		07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		07/22/25	07/24/25	
Surrogate: Toluene-d8	102 %	70-130		07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2530044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/25	07/24/25	
Surrogate: Bromofluorobenzene	108 %	70-130		07/22/25	07/24/25	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		07/22/25	07/24/25	
Surrogate: Toluene-d8	102 %	70-130		07/22/25	07/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2530094	
Diesel Range Organics (C10-C28)	226	25.0	1	07/23/25	07/24/25	
Oil Range Organics (C28-C36)	121	50.0	1	07/23/25	07/24/25	
Surrogate: n-Nonane	94.6 %	61-141		07/23/25	07/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2530101	
Chloride	26.4	20.0	1	07/23/25	07/24/25	



## QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

## Blank (2530044-BLK1)

Prepared: 07/22/25 Analyzed: 07/23/25

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: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

## LCS (2530044-BS1)

Prepared: 07/22/25 Analyzed: 07/23/25

Benzene	2.39	0.0250	2.50		95.4	70-130			
Ethylbenzene	2.42	0.0250	2.50		96.7	70-130			
Toluene	2.35	0.0250	2.50		94.0	70-130			
o-Xylene	2.36	0.0250	2.50		94.2	70-130			
p,m-Xylene	4.84	0.0500	5.00		96.8	70-130			
Total Xylenes	7.20	0.0250	7.50		96.0	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

## Matrix Spike (2530044-MS1)

Source: E507218-04

Prepared: 07/22/25 Analyzed: 07/23/25

Benzene	2.63	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.69	0.0250	2.50	ND	108	45-135			
Toluene	2.62	0.0250	2.50	ND	105	48-130			
o-Xylene	2.61	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.39	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.00	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

## Matrix Spike Dup (2530044-MSD1)

Source: E507218-04

Prepared: 07/22/25 Analyzed: 07/23/25

Benzene	2.55	0.0250	2.50	ND	102	48-131	3.15	23	
Ethylbenzene	2.63	0.0250	2.50	ND	105	45-135	2.46	27	
Toluene	2.54	0.0250	2.50	ND	102	48-130	3.35	24	
o-Xylene	2.59	0.0250	2.50	ND	104	43-135	0.634	27	
p,m-Xylene	5.34	0.0500	5.00	ND	107	43-135	0.923	27	
Total Xylenes	7.93	0.0250	7.50	ND	106	43-135	0.829	27	
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



## QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

## Blank (2530046-BLK1)

Prepared: 07/22/25 Analyzed: 07/24/25

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: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			

## LCS (2530046-BS1)

Prepared: 07/22/25 Analyzed: 07/24/25

Benzene	2.29	0.0250	2.50		91.4	70-130			
Ethylbenzene	2.40	0.0250	2.50		95.9	70-130			
Toluene	2.30	0.0250	2.50		91.9	70-130			
o-Xylene	2.35	0.0250	2.50		94.2	70-130			
p,m-Xylene	4.72	0.0500	5.00		94.4	70-130			
Total Xylenes	7.08	0.0250	7.50		94.3	70-130			
Surrogate: Bromofluorobenzene	0.558		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

## Matrix Spike (2530046-MS1)

Source: E507222-14

Prepared: 07/22/25 Analyzed: 07/24/25

Benzene	2.42	0.0250	2.50	ND	97.0	48-131			
Ethylbenzene	2.46	0.0250	2.50	ND	98.2	45-135			
Toluene	2.36	0.0250	2.50	ND	94.2	48-130			
o-Xylene	2.33	0.0250	2.50	ND	93.2	43-135			
p,m-Xylene	4.62	0.0500	5.00	ND	92.4	43-135			
Total Xylenes	6.95	0.0250	7.50	ND	92.7	43-135			
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

## Matrix Spike Dup (2530046-MSD1)

Source: E507222-14

Prepared: 07/22/25 Analyzed: 07/24/25

Benzene	2.43	0.0250	2.50	ND	97.1	48-131	0.0825	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	3.84	27	
Toluene	2.43	0.0250	2.50	ND	97.3	48-130	3.17	24	
o-Xylene	2.55	0.0250	2.50	ND	102	43-135	9.10	27	
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135	9.78	27	
Total Xylenes	7.65	0.0250	7.50	ND	102	43-135	9.55	27	
Surrogate: Bromofluorobenzene	0.566		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



## QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

## Blank (2530044-BLK1)

Prepared: 07/22/25 Analyzed: 07/23/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

## LCS (2530044-BS2)

Prepared: 07/22/25 Analyzed: 07/23/25

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.555		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

## Matrix Spike (2530044-MS2)

Source: E507218-04

Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130			
Surrogate: Bromofluorobenzene	0.558		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

## Matrix Spike Dup (2530044-MSD2)

Source: E507218-04

Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130	6.58	20	
Surrogate: Bromofluorobenzene	0.547		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2530046-BLK1)

Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			

LCS (2530046-BS2)

Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	0.572		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

Matrix Spike (2530046-MS2)

Source: E507222-14

Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

Matrix Spike Dup (2530046-MSD2)

Source: E507222-14

Prepared: 07/22/25 Analyzed: 07/24/25

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	6.69	20	
Surrogate: Bromofluorobenzene	0.565		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			





QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2530094-BLK1)					Prepared: 07/23/25 Analyzed: 07/23/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.3	61-141			

LCS (2530094-BS1)					Prepared: 07/23/25 Analyzed: 07/23/25				
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
Surrogate: n-Nonane	45.5		50.0		91.0	61-141			

Matrix Spike (2530094-MS1)					Source: E507213-04		Prepared: 07/23/25 Analyzed: 07/23/25		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156			
Surrogate: n-Nonane	46.9		50.0		93.7	61-141			

Matrix Spike Dup (2530094-MSD1)					Source: E507213-04		Prepared: 07/23/25 Analyzed: 07/23/25		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	56-156	1.47	20	
Surrogate: n-Nonane	47.3		50.0		94.6	61-141			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2530096-BLK1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.4		50.0		86.8	61-141			

LCS (2530096-BS1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Diesel Range Organics (C10-C28)	219	25.0	250		87.5	66-144			
Surrogate: n-Nonane	42.5		50.0		85.0	61-141			

Matrix Spike (2530096-MS1)					Source: E507222-18		Prepared: 07/23/25 Analyzed: 07/24/25		
Diesel Range Organics (C10-C28)	226	25.0	250	ND	90.5	56-156			
Surrogate: n-Nonane	44.1		50.0		88.1	61-141			

Matrix Spike Dup (2530096-MSD1)					Source: E507222-18		Prepared: 07/23/25 Analyzed: 07/24/25		
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.8	56-156	0.257	20	
Surrogate: n-Nonane	44.5		50.0		89.1	61-141			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

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 (2530101-BLK1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	ND	20.0							
LCS (2530101-BS1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2530101-MS1)					Source: E507212-04		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	379	20.0	250	125	101	80-120			
Matrix Spike Dup (2530101-MSD1)					Source: E507212-04		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	365	20.0	250	125	95.8	80-120	3.79	20	



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	7/25/2025 3:30:41PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2530104-BLK1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	ND	20.0							
LCS (2530104-BS1)					Prepared: 07/23/25 Analyzed: 07/24/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2530104-MS1)					Source: E507222-02		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2530104-MSD1)					Source: E507222-02		Prepared: 07/23/25 Analyzed: 07/24/25		
Chloride	249	20.0	250	ND	99.8	80-120	0.315	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:	Sims Mesa SWD	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	07/25/25 15:30

- 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.

## Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
<b>Client:</b> Cottonwood Consulting LLC <b>Project Name:</b> Sims Mesa SWD <b>Project Manager:</b> Kyle Siesser <b>Address:</b> PO Box 1653 <b>City, State, Zip:</b> Durango CO 81302 <b>Phone:</b> 970-764-7356 <b>Email:</b> ksiesser@cottonwoodconsulting.com				<b>Company:</b> Cottonwood Consulting LLC <b>Address:</b> PO Box 1653 <b>City, State, Zip:</b> Durango CO 81302 <b>Phone:</b> 970-764-7356 <b>Email:</b> ksiesser@cottonwoodconsulting.com <b>Miscellaneous:</b>				<b>Lab WO#</b> E507222 <b>Job Number</b> 22035.C.000 <b>1D</b> <b>2D</b> <b>3D</b> <b>Std</b> x				<b>NM</b> <b>CO</b> <b>UT</b> <b>TX</b> x							
Analysis and Method												EPA Program							
<b>DRO/DRO by 8015</b> <b>GRO/DRO by 8015</b> <b>BTEX by 8021</b> <b>VOC by 8260</b> <b>Chloride 300.0</b> <b>TCEQ 1005 - TX</b> <b>RCRA 8 Metals</b> <b>BGDOC - NM</b> <b>BGDOC - TX</b>												<b>SDWA</b> <b>CWA</b> <b>RCRA</b> <b>Compliance</b> Y or N <b>PWSID #</b>							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO 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		
0930	7/17/2025	Soil	1	SS37 (1-2')		1	X	X	X		X					3.2			
0950	7/17/2025			SS37 (4-5')		2										3.4			
1010	7/17/2025			SS37 (9-10')		3										3.8			
1030	7/17/2025			SS38 (1-2')		4										4.3			
1045	7/17/2025			SS38 (4-5')		5										4.0			
1100	7/17/2025			SS38 (9-10')		6										4.2			
1120	7/17/2025			SS39 (1-2')		7										3.8			
1130	7/17/2025			SS39 (4-5')		8										3.6			
1143	7/17/2025			SS39 (8-9')		9										4.1			
<b>Additional Instructions:</b> 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: Joseph LaFortune																			
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. <b>Lab Use Only</b> Received on ice: Y/N							
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									
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.																			

Client Information					Invoice Information			Lab Use Only			TAT				State						
Client: Cottonwood Consulting					Company:			Lab WO#			1D 2D 3D Std				NM CO UT TX						
Project Name: Sims Mesa SWD					Address:			Job Number													
Project Manager: Kyle Siesser					City, State, Zip:			E507222 2005-0001													
Address: 484 Turner Dr.					Phone:																
City, State, Zip: Durango, CO 81302					Email:																
Phone: 970 764 7356					Miscellaneous:																
Email: KSiesser@CottonwoodConsulting.com																					
Sample Information					Analysis and Method										EPA Program						
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	TCC 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
1250	7-17-25	Soil	1	SS40 (12-2')		10	X	X	X	X											
1255		Soil	1	SS40 (4-5')		11															
1310		Soil	1	SS40 (8-9')		12															
1320		Soil	1	SS41 (1-2')		13															
1330		Soil	1	SS41 (4-5')		14															
1400		Soil	1	SS42 (4-5')		15															
Additional Instructions: please email results to 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: JOSEPH LAFORTUNE																					
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. <b>Lab Use Only</b> Received on ice: <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Y</span> N			
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					
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.																					





## Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Cottonwood Consulting LLC				Company: Cottonwood Consulting LLC				Lab WO#				1D 2D 3D Std				NM CO UT TX							
Project Name: Sims Mesa SWD				Address: PO Box 1653				Job Number								x							
Project Manager: Kyle Siesser				City, State, Zip: Durango CO 81302				E50222 6035-C-0001															
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												Analysis and Method								EPA Program			
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 - MM	BGDOC - TX	SDWA	CWA	RCRA				
1435	7/17/2025	Soil	1	SS43 (2-3')			16	x	x	x		x											
1440	7/17/2025			SS43 (3-4')			17																
1445	7/17/2025			SS43 (4-5')			18																
1450	7/17/2025			SS43 (5-6')			19																
1455	7/17/2025			SS43 (6-7')			20																
1505	7/17/2025			SS43 (7-8')			21																
1510	7/17/2025			SS43 (8-9')			22																
1425	7/17/2025			SS44			23																
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: Joseph LaFortune																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received or 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: EYN											
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													
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: 7/18/2025 12:51:36PM

## 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:	07/18/25 11:55	Work Order ID:	E507222
Phone:	970-764-7356	Date Logged In:	07/18/25 12:47	Logged In By:	Caitlin Mars
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	07/25/25 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Joseph LaFortuneComments/Resolution

Project Sims Mesa SWD has been separated into 2 reports due to sample volume. WOs are E507221 & E507222.

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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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

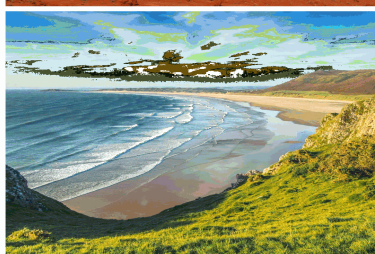
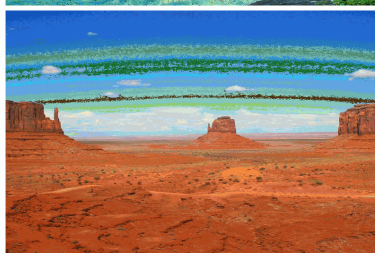
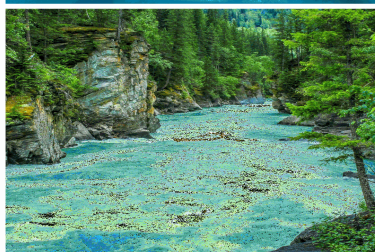
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Kyle Siesser



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Cottonwood Consulting

Project Name: Sims Mesa SWD

Work Order: E510174

Job Number: 20035-C-0001

Received: 10/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/20/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 10/20/25

Kyle Siesser  
PO Box 1653  
Durango, CO 81302



Project Name: Sims Mesa SWD  
Workorder: E510174  
Date Received: 10/16/2025 3:25:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/16/2025 3:25:00PM, under the Project Name: Sims Mesa SWD.

The analytical test results summarized in this report with the Project Name: Sims Mesa SWD 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS45	5
SS46	6
SS47	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/20/25 14:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS45	E510174-01A	Soil	10/16/25	10/16/25	Glass Jar, 4 oz.
SS46	E510174-02A	Soil	10/16/25	10/16/25	Glass Jar, 4 oz.
SS47	E510174-03A	Soil	10/16/25	10/16/25	Glass Jar, 4 oz.



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
10/20/2025 2:46:38PM

**SS45**

**E510174-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542096	
Benzene	ND	0.0250	1	10/16/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/16/25	
Toluene	ND	0.0250	1	10/16/25	10/16/25	
o-Xylene	ND	0.0250	1	10/16/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/16/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.9 %	70-130	10/16/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2542115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/25	10/17/25	
<i>Surrogate: n-Nonane</i>		91.7 %	61-141	10/17/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2542124	
Chloride	55.1	20.0	1	10/17/25	10/17/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
10/20/2025 2:46:38PM

SS46

E510174-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542096	
Benzene	ND	0.0250	1	10/16/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/16/25	
Toluene	ND	0.0250	1	10/16/25	10/16/25	
o-Xylene	ND	0.0250	1	10/16/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	10/16/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	10/16/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2542115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/25	10/17/25	
<i>Surrogate: n-Nonane</i>						
		96.2 %	61-141	10/17/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2542124	
Chloride	24.7	20.0	1	10/17/25	10/17/25	



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
10/20/2025 2:46:38PM

SS47

E510174-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542096	
Benzene	ND	0.0250	1	10/16/25	10/16/25	
Ethylbenzene	ND	0.0250	1	10/16/25	10/16/25	
Toluene	ND	0.0250	1	10/16/25	10/16/25	
o-Xylene	ND	0.0250	1	10/16/25	10/16/25	
p,m-Xylene	ND	0.0500	1	10/16/25	10/16/25	
Total Xylenes	ND	0.0250	1	10/16/25	10/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/16/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2542096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/25	10/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.5 %	70-130	10/16/25	10/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2542115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/25	10/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/25	10/17/25	
<i>Surrogate: n-Nonane</i>		94.2 %	61-141	10/17/25	10/17/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2542124	
Chloride	51.9	20.0	1	10/17/25	10/17/25	



## QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/20/2025 2:46:38PM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

## Blank (2542096-BLK1)

Prepared: 10/16/25 Analyzed: 10/17/25

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	9.51		8.00		119	70-130			

## LCS (2542096-BS1)

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	4.87	0.0250	5.00		97.3	70-130			
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130			
Toluene	4.85	0.0250	5.00		97.0	70-130			
o-Xylene	4.82	0.0250	5.00		96.4	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130			
Total Xylenes	14.6	0.0250	15.0		97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.57		8.00		120	70-130			

## Matrix Spike (2542096-MS1)

Source: E510170-23

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	4.64	0.0250	5.00	ND	92.7	70-130			
Ethylbenzene	4.54	0.0250	5.00	ND	90.8	70-130			
Toluene	4.59	0.0250	5.00	ND	91.9	70-130			
o-Xylene	4.54	0.0250	5.00	ND	90.7	70-130			
p,m-Xylene	9.21	0.0500	10.0	ND	92.1	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	10.0		8.00		125	70-130			

## Matrix Spike Dup (2542096-MSD1)

Source: E510170-23

Prepared: 10/16/25 Analyzed: 10/17/25

Benzene	5.03	0.0250	5.00	ND	101	70-130	8.09	27	
Ethylbenzene	4.95	0.0250	5.00	ND	98.9	70-130	8.60	26	
Toluene	5.00	0.0250	5.00	ND	99.9	70-130	8.37	20	
o-Xylene	4.95	0.0250	5.00	ND	98.9	70-130	8.67	25	
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130	8.49	23	
Total Xylenes	15.0	0.0250	15.0	ND	99.8	70-130	8.55	26	
Surrogate: 4-Bromochlorobenzene-PID	10.1		8.00		126	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/20/2025 2:46:38PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2542096-BLK1) Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130			

LCS (2542096-BS2) Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.73		8.00		109	70-130			

Matrix Spike (2542096-MS2) Source: E510170-23 Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.76		8.00		109	70-130			

Matrix Spike Dup (2542096-MSD2) Source: E510170-23 Prepared: 10/16/25 Analyzed: 10/17/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130	14.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.32		8.00		104	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/20/2025 2:46:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2542115-BLK1)

Prepared: 10/17/25 Analyzed: 10/17/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	36.3		50.0		72.7	61-141			

LCS (2542115-BS1)

Prepared: 10/17/25 Analyzed: 10/20/25

Diesel Range Organics (C10-C28)	220	25.0	250		87.9	66-144			
Surrogate: n-Nonane	39.8		50.0		79.7	61-141			

Matrix Spike (2542115-MS1)

Source: E510172-42

Prepared: 10/17/25 Analyzed: 10/17/25

Diesel Range Organics (C10-C28)	287	25.0	250	43.2	97.6	56-156			
Surrogate: n-Nonane	47.3		50.0		94.6	61-141			

Matrix Spike Dup (2542115-MSD1)

Source: E510172-42

Prepared: 10/17/25 Analyzed: 10/17/25

Diesel Range Organics (C10-C28)	288	25.0	250	43.2	98.1	56-156	0.432	20	
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/20/2025 2:46:38PM

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 (2542124-BLK1)					Prepared: 10/17/25 Analyzed: 10/17/25				
Chloride	ND	20.0							
LCS (2542124-BS1)					Prepared: 10/17/25 Analyzed: 10/17/25				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2542124-MS1)					Source: E510176-02		Prepared: 10/17/25 Analyzed: 10/17/25		
Chloride	1010	40.0	250	813	77.7	80-120			M4
Matrix Spike Dup (2542124-MSD1)					Source: E510176-02		Prepared: 10/17/25 Analyzed: 10/17/25		
Chloride	1080	40.0	250	813	106	80-120	6.77	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:	Sims Mesa SWD	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	10/20/25 14:46

- 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.





## Chain of Custody

Page 1 of 2

Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: Cottonwood Consulting LLC				Company: Cottonwood Consulting LLC		Lab WO# <u>E510174</u>		Job Number <u>2025-0-0001</u>				1D 2D 3D Std								
Project Name: Sims Mesa SWD				Address: PO Box 1653								NM CO UT TX								
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						Analysis and Method								EPA Program						
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	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1015	10/16/2025	Soil	1	SS45		1	✓	✓	✓		✓						4.0			
1020	↓	Soil	1	SS46		2	✓	✓	✓		✓						3.6			
1345	✓	Soil	1	SS47		3	✓	✓	✓		✓						3.4			
		Soil	1	SS48																
		Soil	1	SS49																
		Soil	1	SS50																
Additional Instructions: Please CC jharter@cottonwoodconsulting.com emillar@cottonwoodconsulting.com kobrien@cottonwoodconsulting.com jlafortune@cottonwoodconsulting.com dsonger@cottonwoodconsulting.com <u>Rush 1 Day TAT please</u>																				
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: Joseph LaFortune																				
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. <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N								
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										
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: 10/16/2025 3:28:59PM

## 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:	10/16/25 15:25	Work Order ID:	E510174
Phone:	970-764-7356	Date Logged In:	10/16/25 15:26	Logged In By:	Caitlin Mars
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	10/17/25 17:00 (1 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Joseph LaFortuneComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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

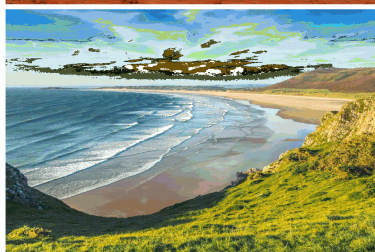
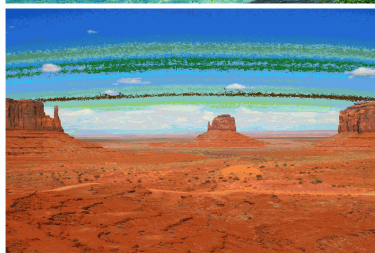
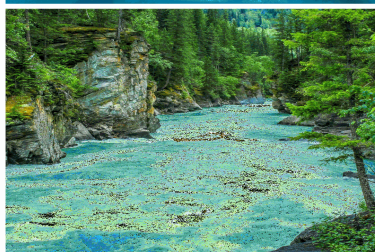
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Kyle Siesser



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Cottonwood Consulting

Project Name: Sims Mesa SWD

Work Order: E510261

Job Number: 20035-C-0001

Received: 10/22/2025

Revision: 0

Report Reviewed By:

**Draft**

Walter Hinchman  
Laboratory Director  
10/23/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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: 10/23/25

Kyle Siesser  
PO Box 1653  
Durango, CO 81302



Project Name: Sims Mesa SWD  
Workorder: E510261  
Date Received: 10/22/2025 12:50:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/22/2025 12:50:00PM, under the Project Name: Sims Mesa SWD.

The analytical test results summarized in this report with the Project Name: Sims Mesa SWD 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS48	5
SS49	6
QC Summary Data	7
QC - Volatile Organics by EPA 8021B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/23/25 12:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS48	E510261-01A	Soil	10/22/25	10/22/25	Glass Jar, 4 oz.
	E510261-01B	Soil	10/22/25	10/22/25	Glass Jar, 4 oz.
SS49	E510261-02A	Soil	10/22/25	10/22/25	Glass Jar, 4 oz.
	E510261-02B	Soil	10/22/25	10/22/25	Glass Jar, 4 oz.



## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
10/23/2025 12:39:06PM

**SS48**

**E510261-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2543066	
Benzene	ND	0.0250	1	10/22/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/22/25	10/22/25	
Toluene	ND	0.0250	1	10/22/25	10/22/25	
o-Xylene	ND	0.0250	1	10/22/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/22/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/22/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		118 %	70-130	10/22/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2543066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.7 %	70-130	10/22/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2543082	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/25	10/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/25	10/23/25	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	10/23/25	10/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2543069	
Chloride	ND	20.0	1	10/22/25	10/22/25	





## Sample Data

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project Name: Sims Mesa SWD  
Project Number: 20035-C-0001  
Project Manager: Kyle Siesser

**Reported:**  
10/23/2025 12:39:06PM

SS49

E510261-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2543066	
Benzene	ND	0.0250	1	10/22/25	10/22/25	
Ethylbenzene	ND	0.0250	1	10/22/25	10/22/25	
Toluene	ND	0.0250	1	10/22/25	10/22/25	
o-Xylene	ND	0.0250	1	10/22/25	10/22/25	
p,m-Xylene	ND	0.0500	1	10/22/25	10/22/25	
Total Xylenes	ND	0.0250	1	10/22/25	10/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		120 %	70-130	10/22/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2543066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/25	10/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	10/22/25	10/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2543082	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/25	10/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/25	10/23/25	
<i>Surrogate: n-Nonane</i>		95.5 %	61-141	10/23/25	10/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2543069	
Chloride	ND	20.0	1	10/22/25	10/22/25	



## QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/23/2025 12:39:06PM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

## Blank (2543066-BLK1)

Prepared: 10/22/25 Analyzed: 10/22/25

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	9.55		8.00		119	70-130			

## LCS (2543066-BS1)

Prepared: 10/22/25 Analyzed: 10/22/25

Benzene	4.79	0.0250	5.00		95.8	70-130			
Ethylbenzene	4.64	0.0250	5.00		92.8	70-130			
Toluene	4.71	0.0250	5.00		94.2	70-130			
o-Xylene	4.74	0.0250	5.00		94.8	70-130			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130			
Total Xylenes	14.2	0.0250	15.0		94.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.41		8.00		118	70-130			

## Matrix Spike (2543066-MS1)

Source: E510256-04

Prepared: 10/22/25 Analyzed: 10/22/25

Benzene	4.88	0.0250	5.00	ND	97.5	70-130			
Ethylbenzene	4.71	0.0250	5.00	ND	94.2	70-130			
Toluene	4.78	0.0250	5.00	ND	95.7	70-130			
o-Xylene	4.82	0.0250	5.00	ND	96.4	70-130			
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.62		8.00		120	70-130			

## Matrix Spike Dup (2543066-MSD1)

Source: E510256-04

Prepared: 10/22/25 Analyzed: 10/22/25

Benzene	5.17	0.0250	5.00	ND	103	70-130	5.76	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	6.40	26	
Toluene	5.08	0.0250	5.00	ND	102	70-130	6.04	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	6.26	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	6.40	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	6.35	26	
Surrogate: 4-Bromochlorobenzene-PID	9.45		8.00		118	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/23/2025 12:39:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2543066-BLK1) Prepared: 10/22/25 Analyzed: 10/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

LCS (2543066-BS2) Prepared: 10/22/25 Analyzed: 10/22/25

Gasoline Range Organics (C6-C10)	54.0	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

Matrix Spike (2543066-MS2) Source: E510256-04 Prepared: 10/22/25 Analyzed: 10/22/25

Gasoline Range Organics (C6-C10)	59.3	20.0	50.0	ND	119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

Matrix Spike Dup (2543066-MSD2) Source: E510256-04 Prepared: 10/22/25 Analyzed: 10/23/25

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0	ND	110	70-130	7.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/23/2025 12:39:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst:

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2543082-BLK1)					Prepared: 10/23/25 Analyzed: 10/23/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	0.00		50.0			61-141			

LCS (2543082-BS1)					Prepared: 10/23/25 Analyzed: 10/23/25				
Diesel Range Organics (C10-C28)	ND	25.0	250			66-144			
Surrogate: n-Nonane	0.00		50.0			61-141			

Matrix Spike (2543082-MS1)				Source: E510261-01		Prepared: 10/23/25 Analyzed: 10/23/25			
Diesel Range Organics (C10-C28)	ND	25.0	250	ND		56-156			
Surrogate: n-Nonane	0.00		50.0			61-141			



QC Summary Data

Cottonwood Consulting	Project Name:	Sims Mesa SWD	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	10/23/2025 12:39:06PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2543069-BLK1)					Prepared: 10/22/25 Analyzed: 10/22/25				
Chloride	ND	20.0							
LCS (2543069-BS1)					Prepared: 10/22/25 Analyzed: 10/22/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2543069-MS1)					Source: E510256-06		Prepared: 10/22/25 Analyzed: 10/22/25		
Chloride	3770	40.0	250	3940	NR	80-120			M4
Matrix Spike Dup (2543069-MSD1)					Source: E510256-06		Prepared: 10/22/25 Analyzed: 10/22/25		
Chloride	4130	40.0	250	3940	73.4	80-120	8.91	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

Cottonwood Consulting	Project Name:	Sims Mesa SWD	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	10/23/25 12:39

- 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.





## Chain of Custody

[illegible]



## Envirotech Analytical Laboratory

Printed: 10/22/2025 12:53:16PM

## 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:	10/22/25 12:50	Work Order ID:	E510261
Phone:	970-764-7356	Date Logged In:	10/22/25 12:51	Logged In By:	Caitlin Mars
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	10/23/25 17:00 (1 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Emma MillerComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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.

**Attachment 6**  
**Photographic Log**



**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

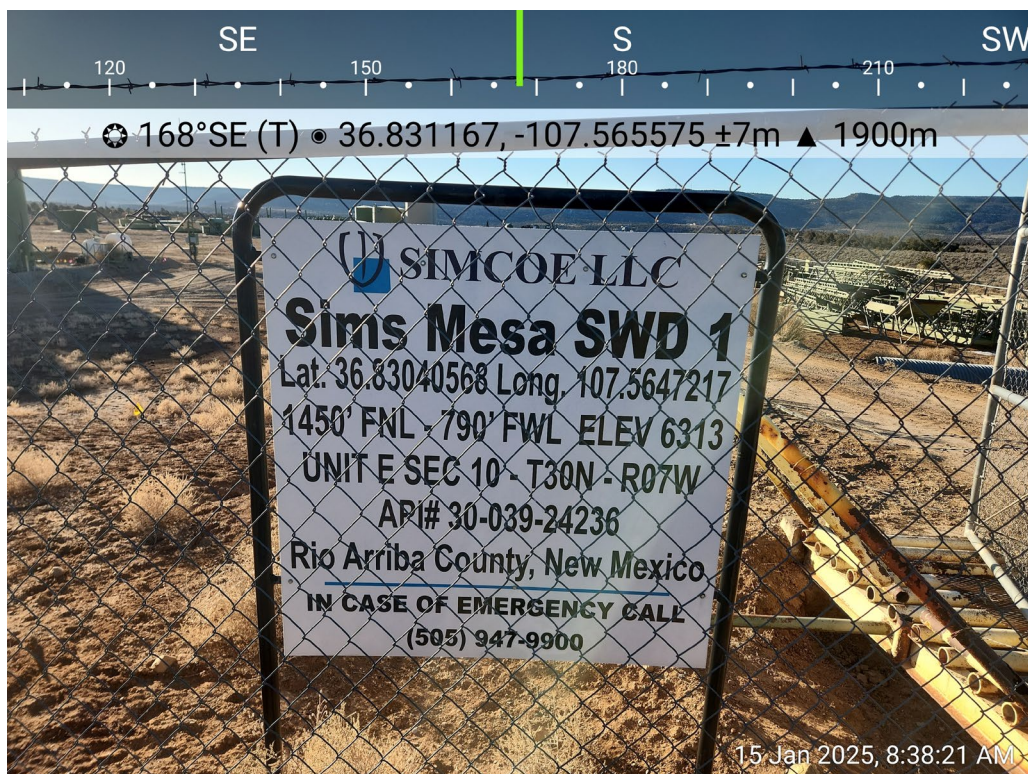


Photo 1: NEBU Sims Mesa SWD #001 well sign.

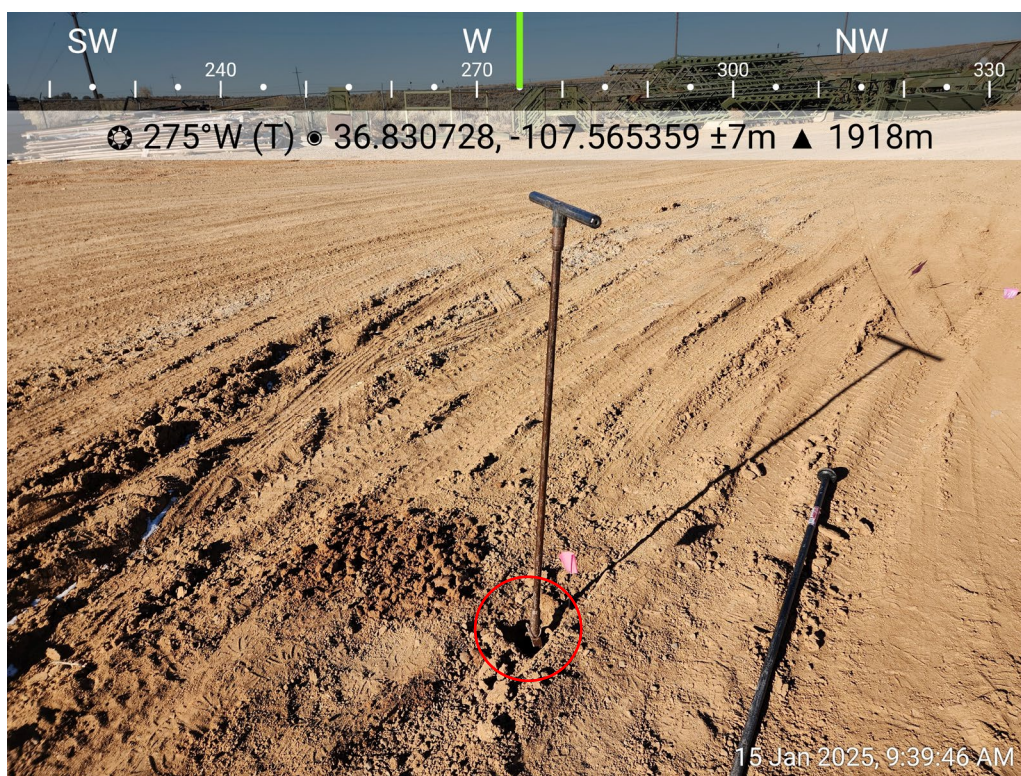


Photo 2: SS01 collected west of above ground storage tanks (ASTs).





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

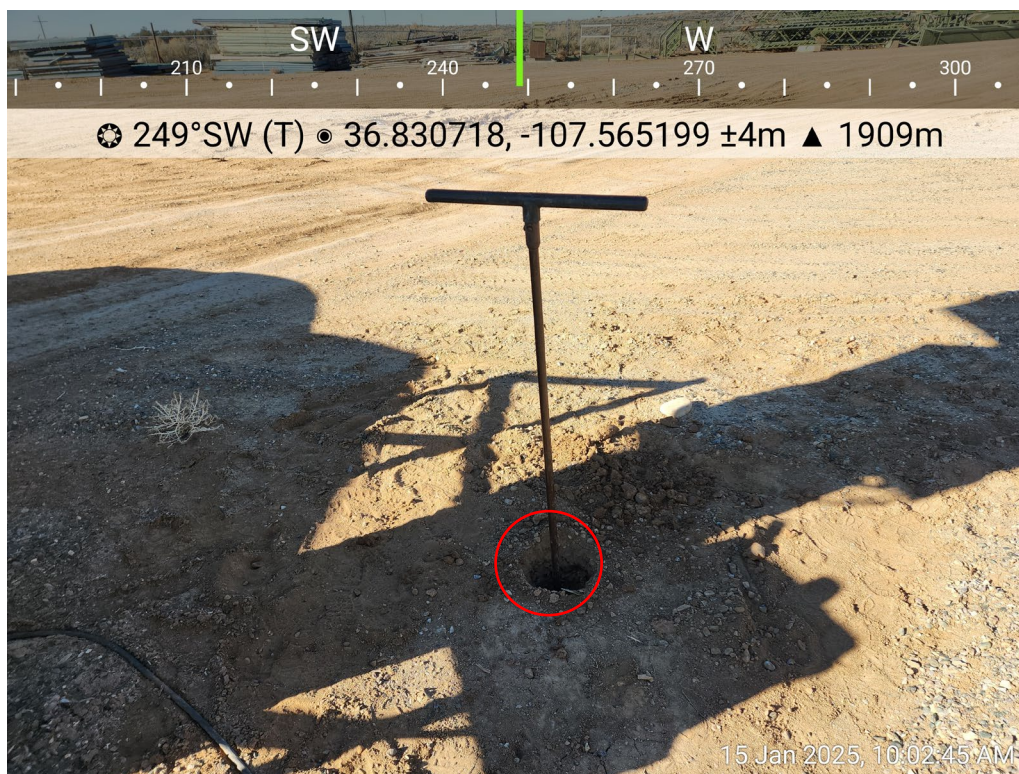


Photo 3: SS02 collected southwest of ASTs.

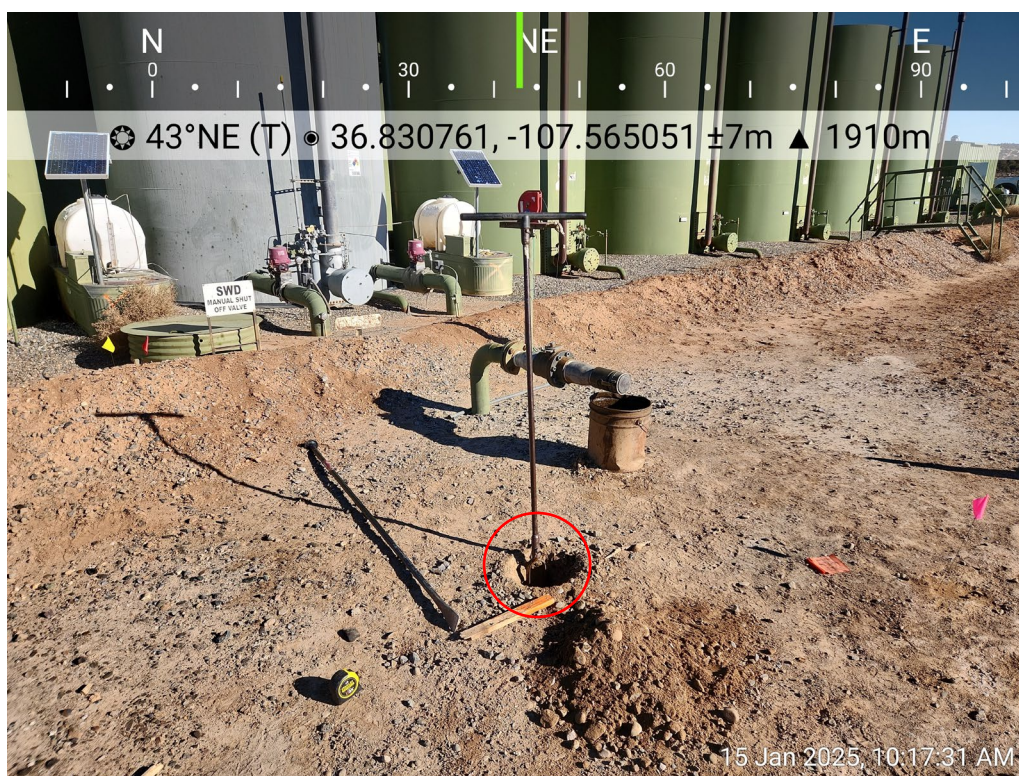


Photo 4: SS03 collected adjacent to AST loadout.





NEBU Sims Mesa SWD #001  
Photographic Log  
Simcoe LLC

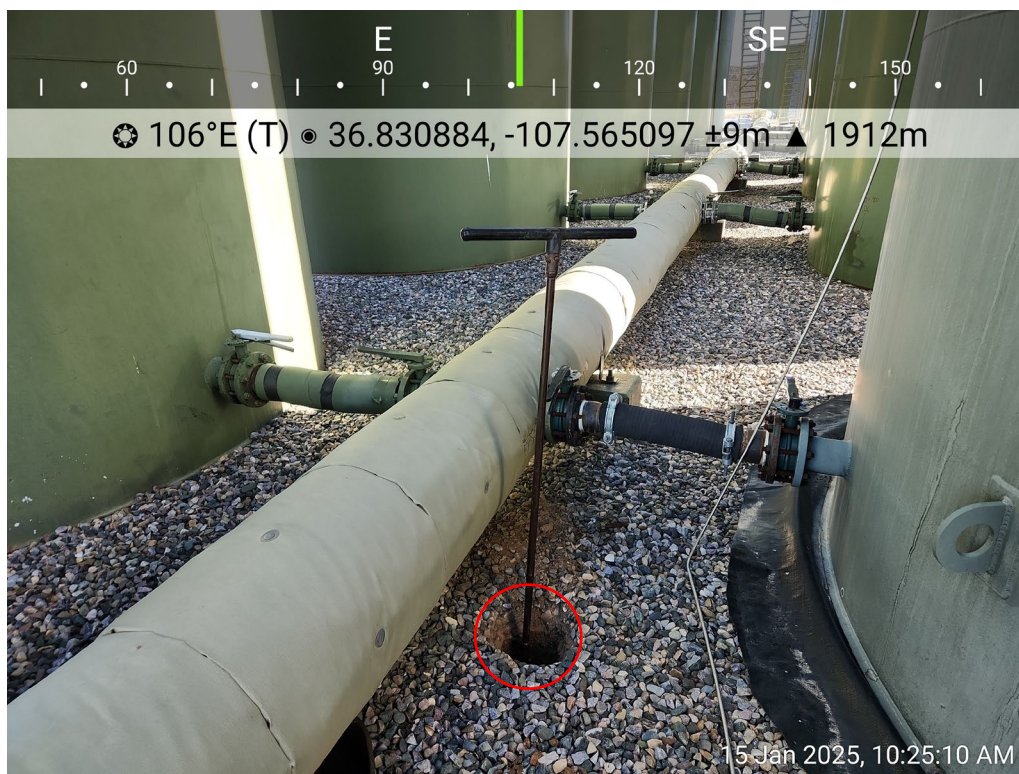


Photo 5: SS04 collected adjacent to ASTs.

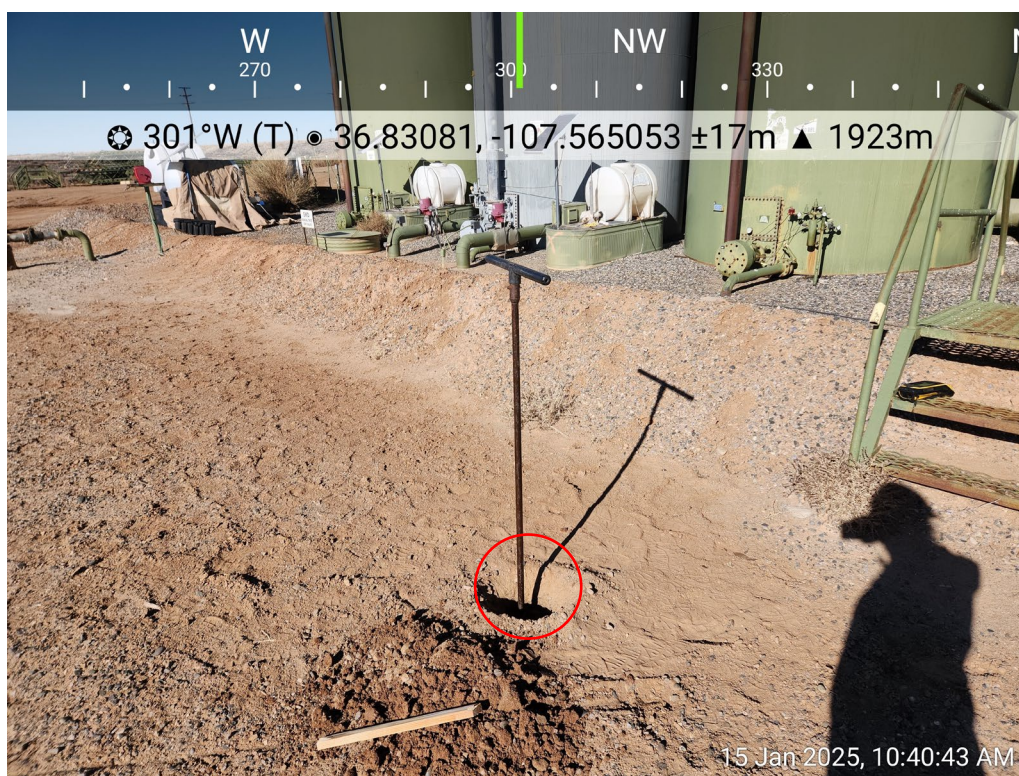


Photo 6: SS05 collected south of ASTs.





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 7: SS06 collected adjacent to ASTs.



Photo 8: SS07 collected adjacent to below grade storage tank (BGT).





NEBU Sims Mesa SWD #001  
Photographic Log  
Simcoe LLC

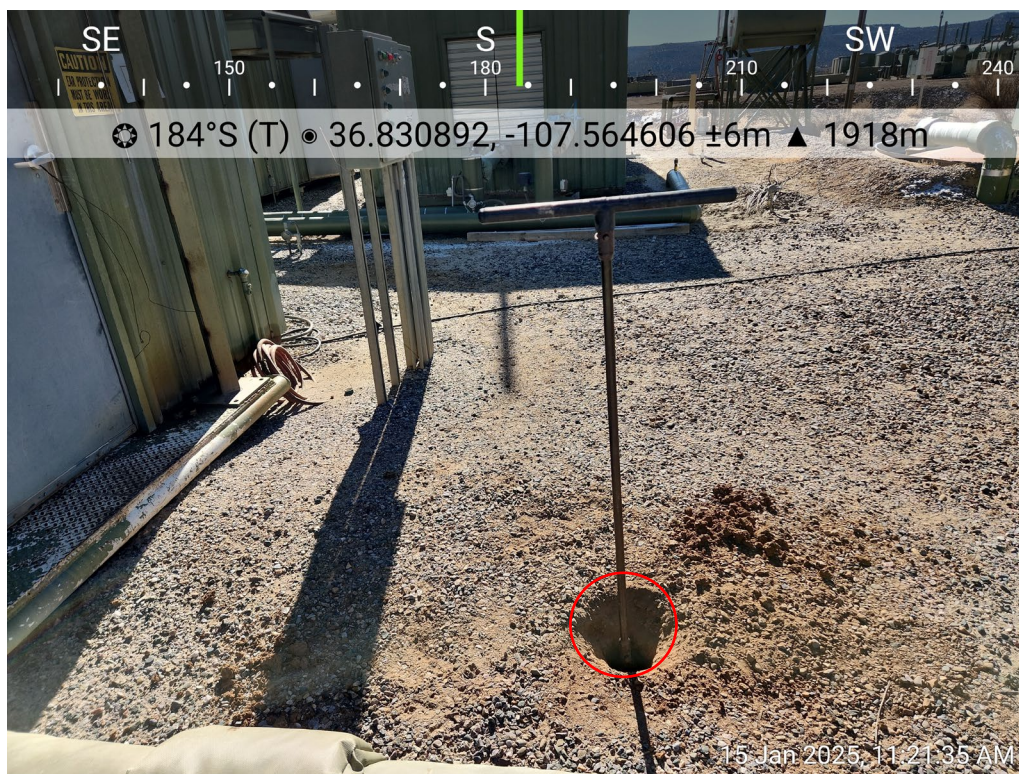


Photo 9: SS08 collected adjacent to pump houses.

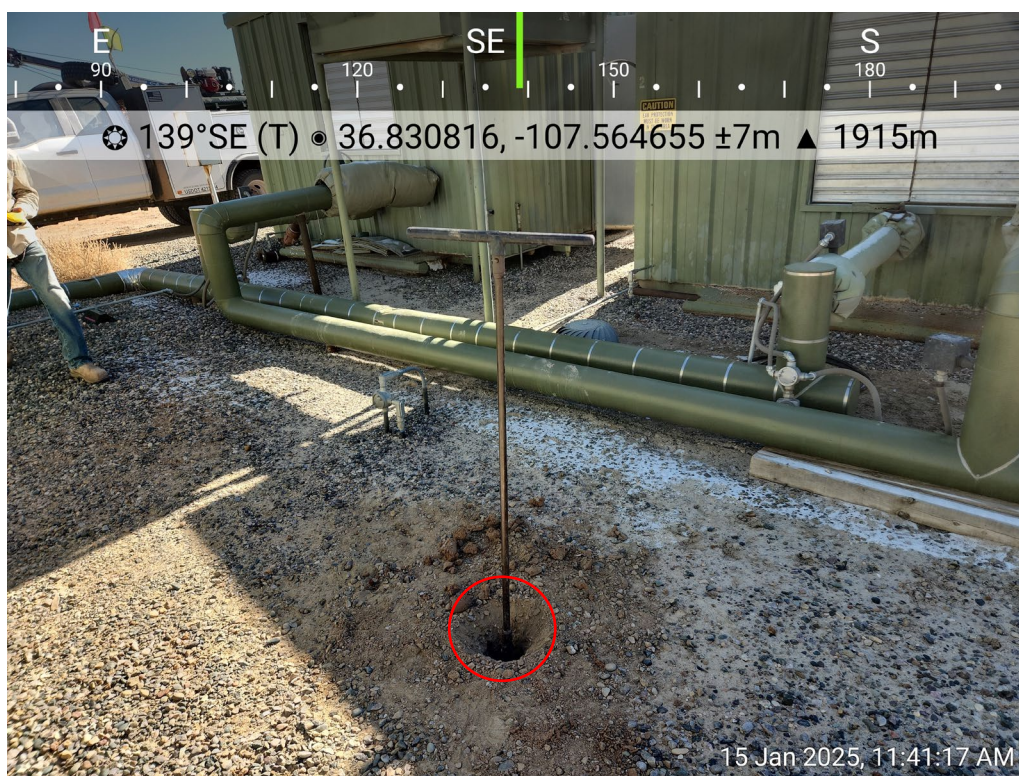


Photo 10: SS09 collected adjacent to pump houses.





NEBU Sims Mesa SWD #001  
Photographic Log  
Simcoe LLC



Photo 11: SS10 collected adjacent to pump houses.



Photo 12: SS11 collected north of pump houses.





NEBU Sims Mesa SWD #001  
Photographic Log  
Simcoe LLC



Photo 13: SS12 collected from tank storage area.

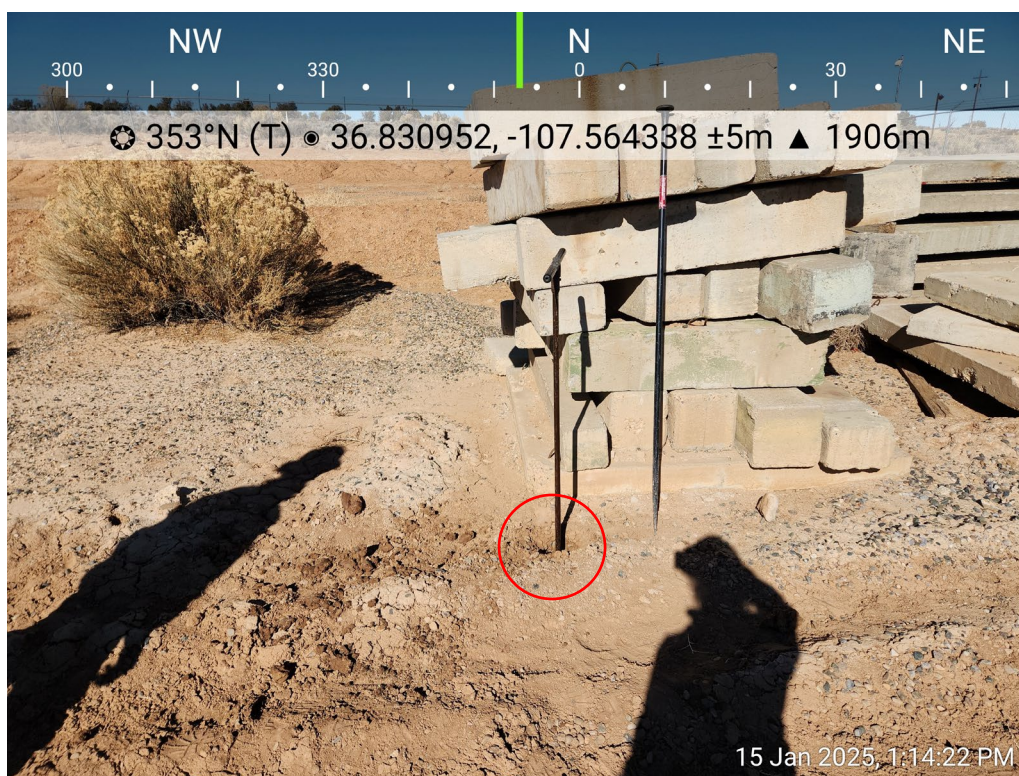


Photo 14: SS13 collected from tank storage area.





NEBU Sims Mesa SWD #001  
Photographic Log  
Simcoe LLC

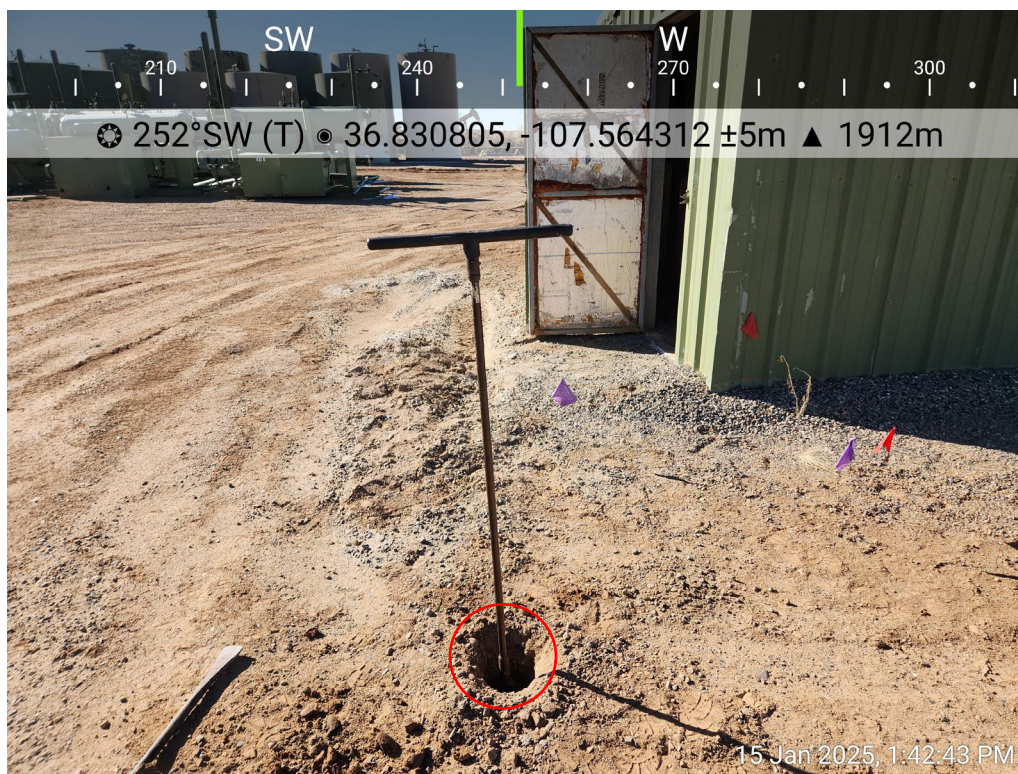


Photo 15: SS14 collected adjacent to well house.



Photo 16: SS15 collected from southeast corner of well pad.





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 17: SS16 (0-8") collected as a 5-point composite sample adjacent to ASTs.

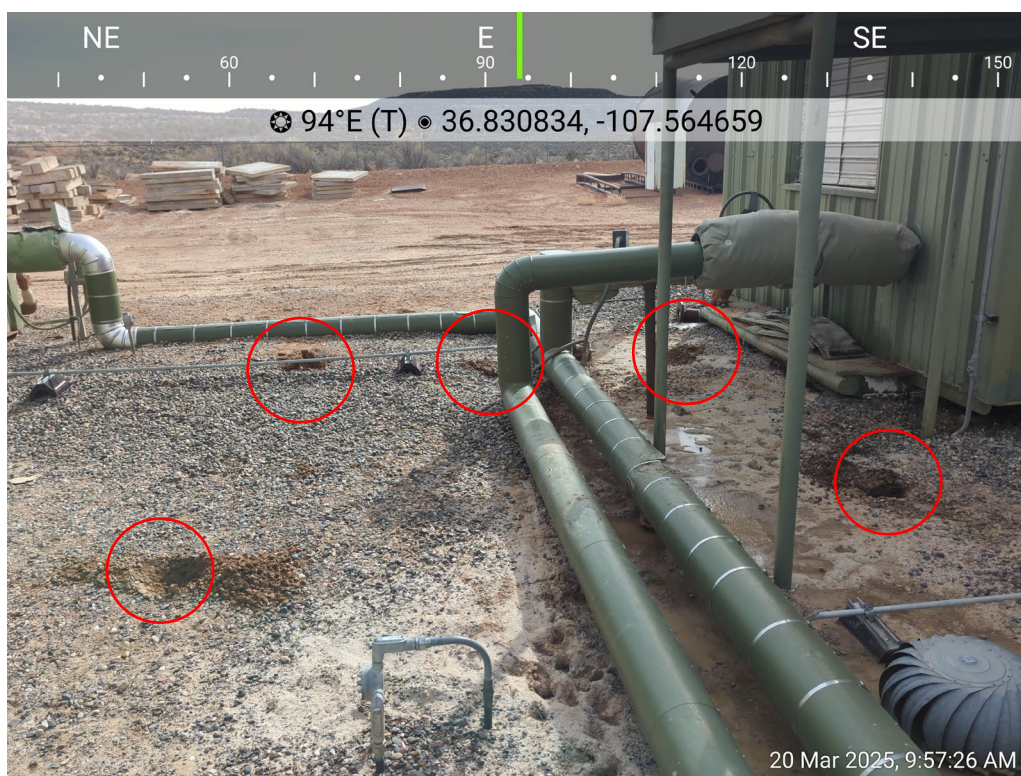


Photo 18: SS17 (0-6") collected as a 5-point composite sample north of pump house.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

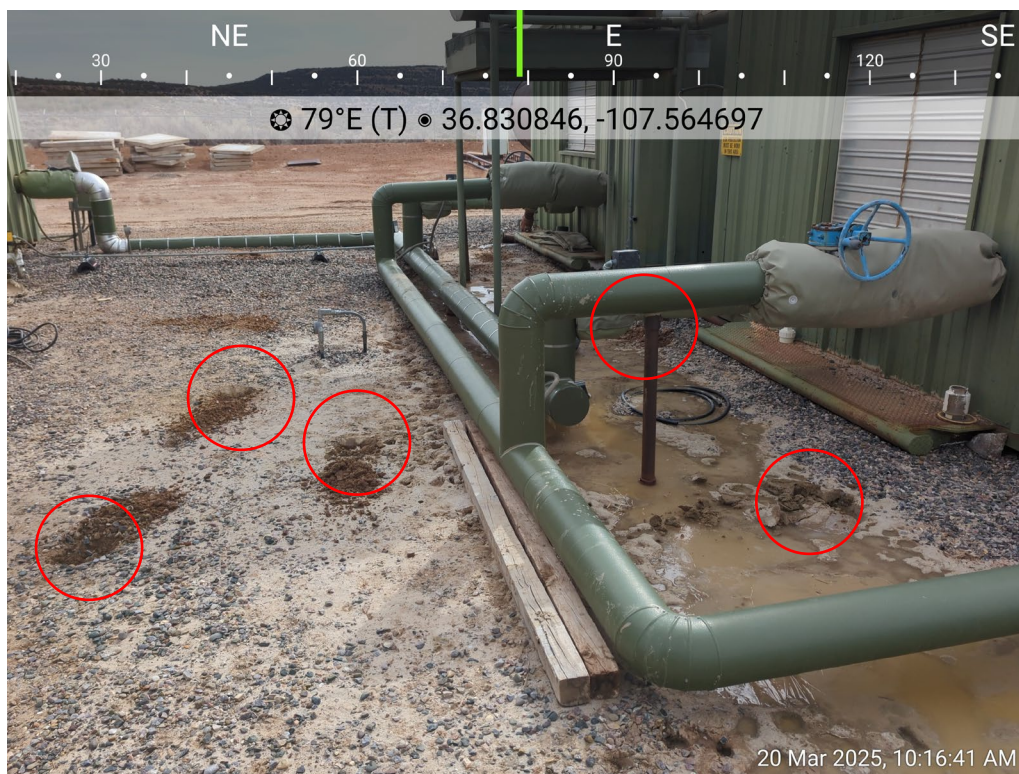


Photo 19: SS18 (0-8") collected as a 5-point composite sample north of pump house.



Photo 20: SS19 (0-12") collected as a grab sample for horizontal delineation south of ASTs.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 21: SS20 (0-10") collected as a grab sample for horizontal delineation east of ASTs.



Photo 22: SS21 (0-8") collected as a grab sample for horizontal delineation between northern ASTs.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

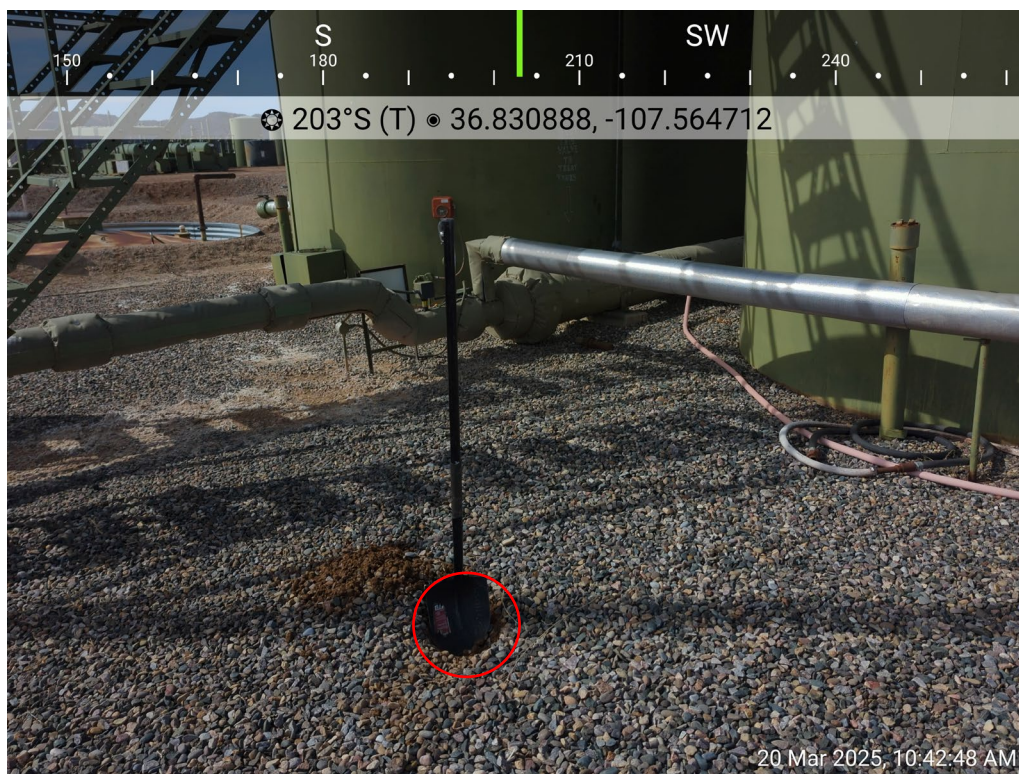


Photo 23: SS22 (0-6") collected as a grab sample for horizontal delineation north of release area.



Photo 24: SS23 (0-12") collected as a grab sample near the point of release.





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 25: SS24 (0-12") collected as a grab sample for horizontal delineation east of ASTs.



Photo 26: SS25 (24-30") and SS26 (48-54") collected as grab samples for vertical delineation from within the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

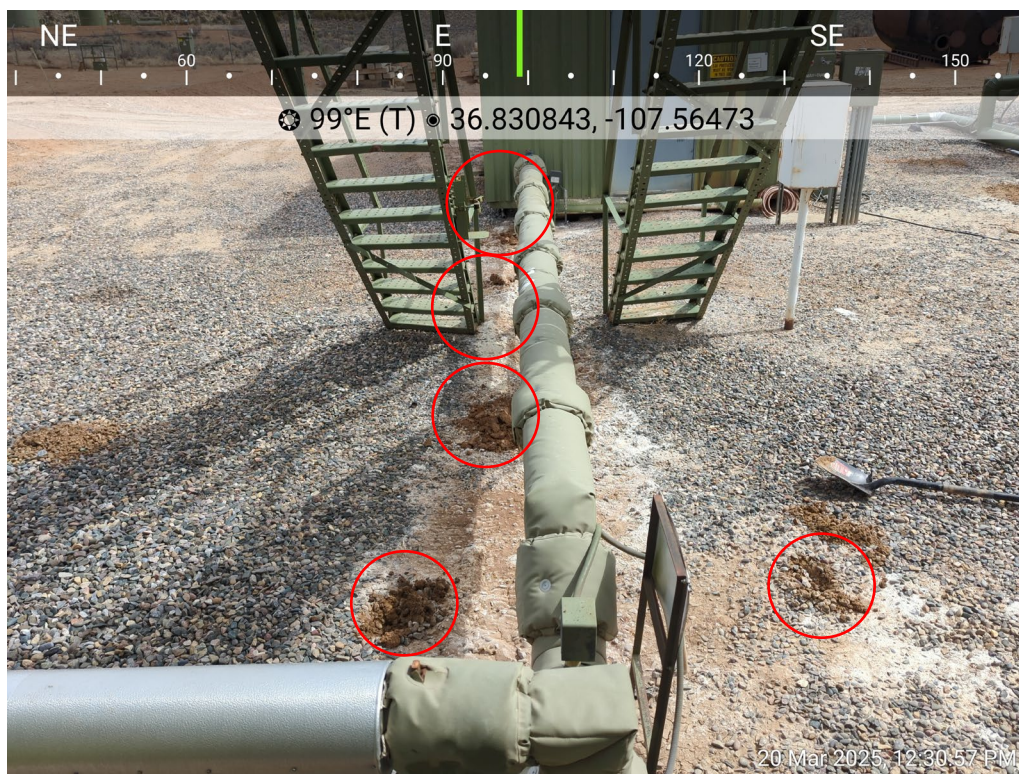


Photo 27: SS27 (0-6") collected as a 5-point composite sample from within the release area.

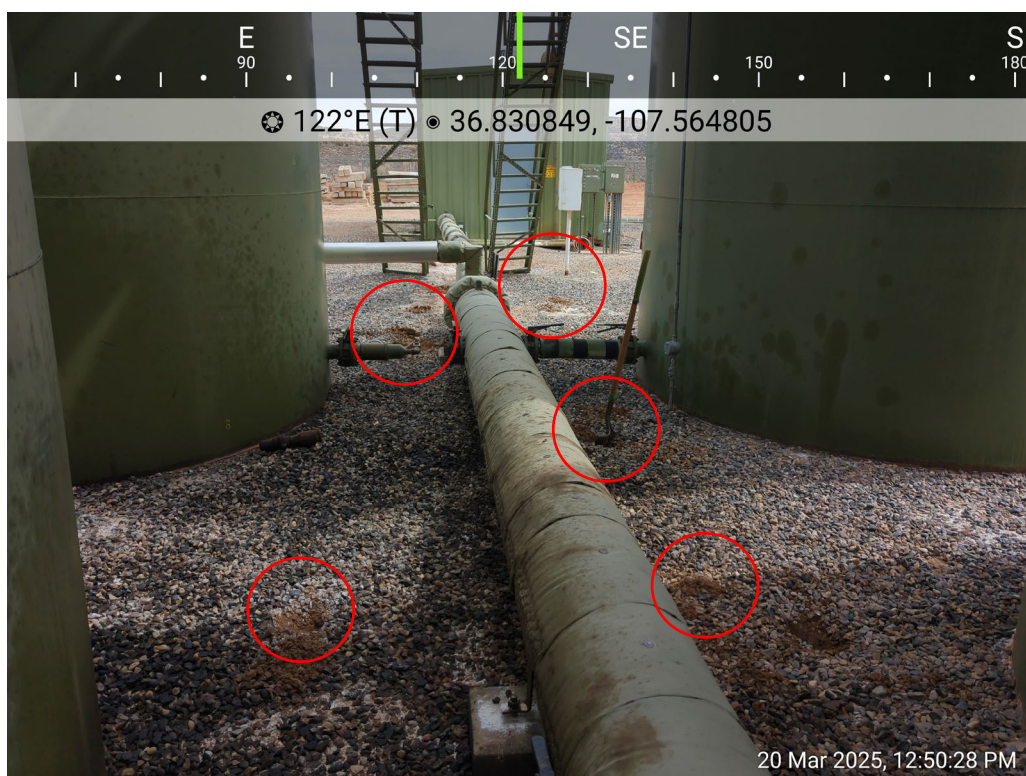


Photo 28: SS28 (0-10") collected as a 5-point composite sample from within the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 29: SS29 (0-8") collected as a 5-point composite sample from within the release area.



Photo 30: SS30 (0-6") collected as a 5-point composite sample from within the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

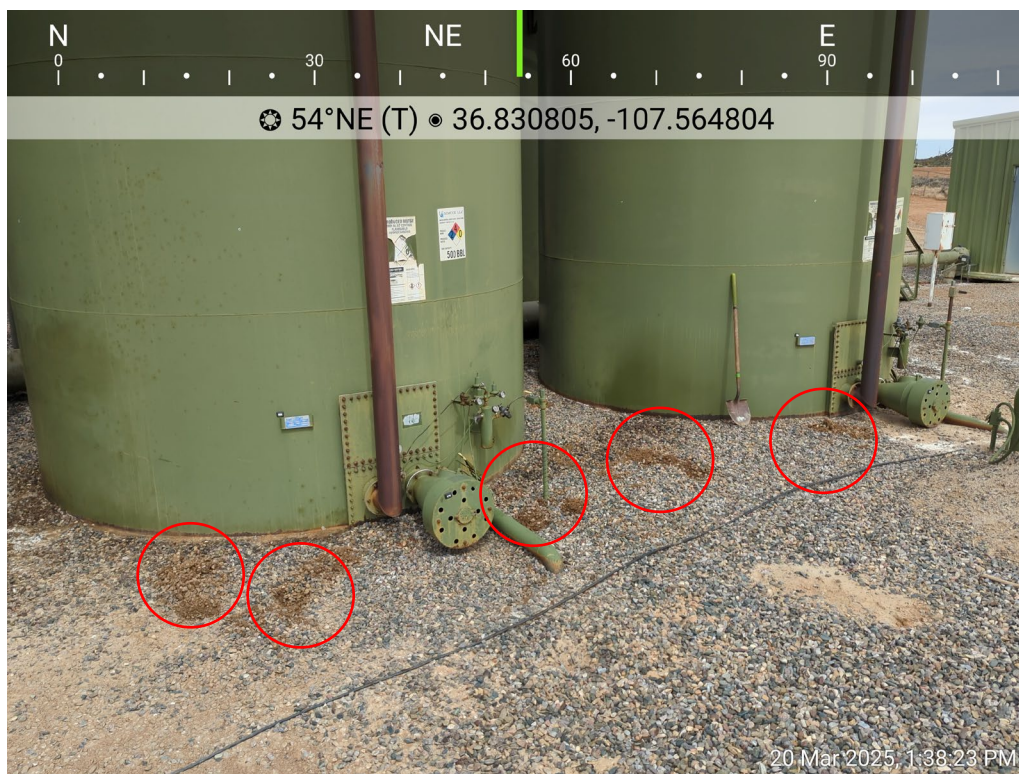


Photo 31: SS31 (0-10") collected as 5-point composite sample from within the release area.



Photo 32: SS32 (0-10") collected as 5-point composite sample from within the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 33: SS33 (0-1'), (1-2'), (2-3'), (3-4'), (4-5'), (5-6'), (6-7'), (7-8'), (8-9'), and (9-10') collected for vertical delineation within the release area.



Photo 34: SS34 (1-2'), SS34 (4-5'), SS34 (9-10') collected as vertical delineation samples within the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

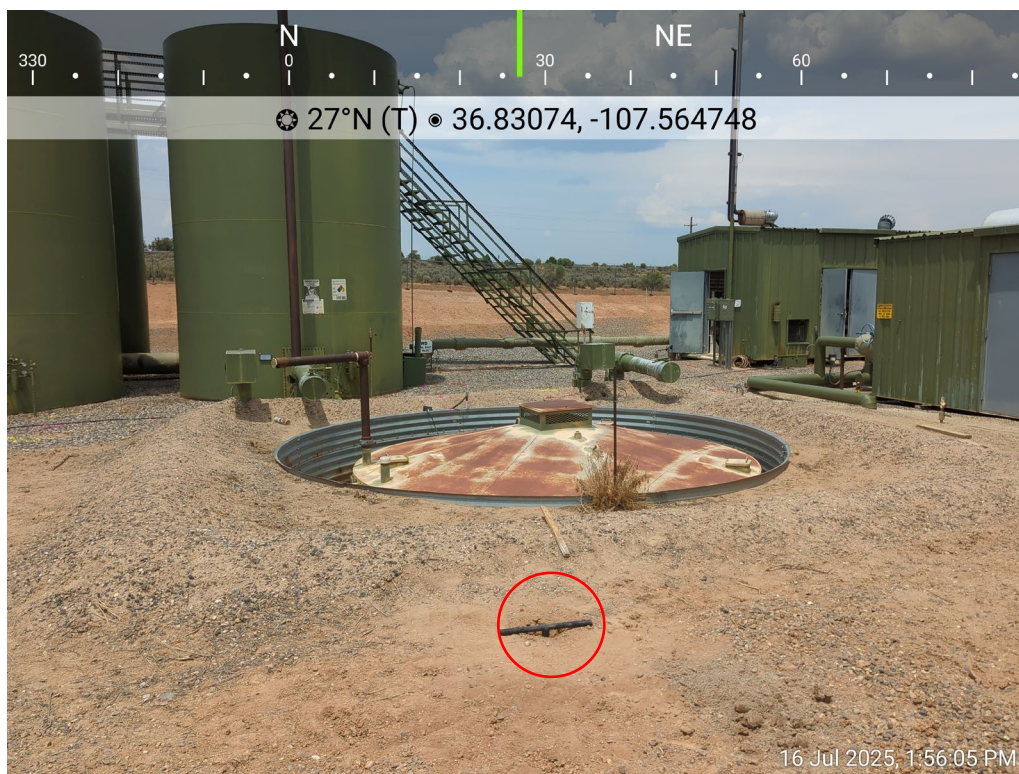


Photo 35: SS35 (1-2'), SS35 (4-5'), SS35 (9-10') collected as vertical delineation samples within the release area.



Photo 36: SS36 (1-2'), SS36 (4-5'), SS36 (9-10') collected as vertical delineation samples outside the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 37: SS37 (1-2'), SS37 (4-5'), SS37 (9-10') collected as vertical delineation samples within the release area.



Photo 38: SS38 (1-2'), SS38 (4-5'), SS38 (9-10') collected as vertical delineation samples outside the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

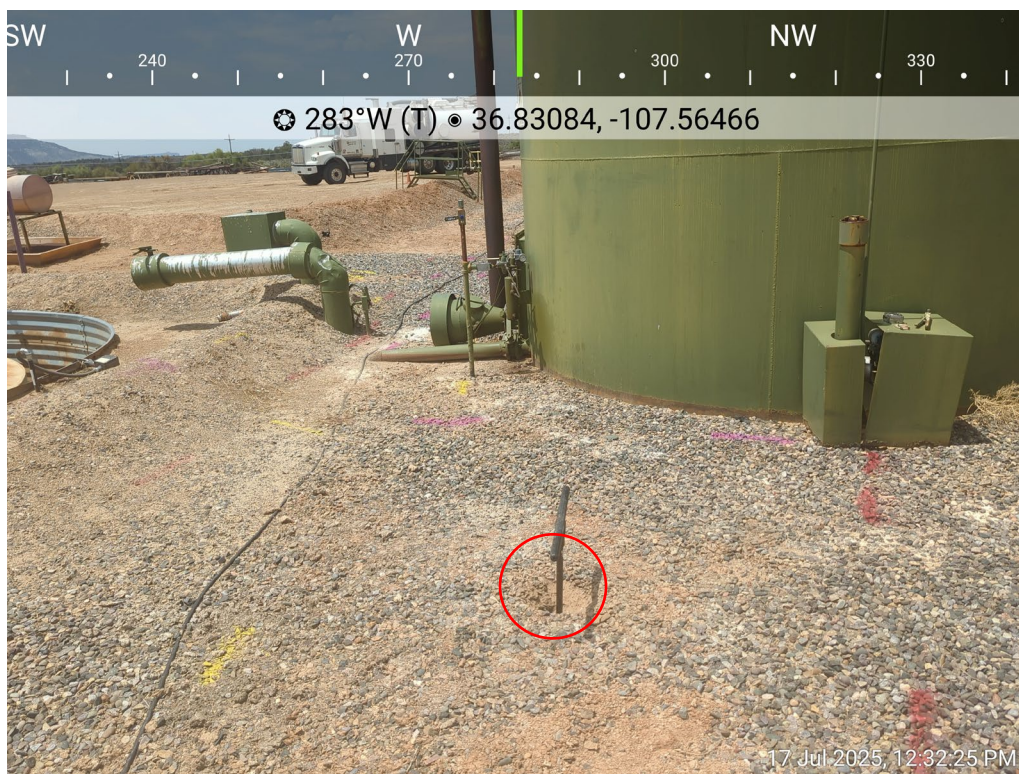


Photo 39: SS39 (1-2'), SS39 (4-5'), SS39 (8-9') collected as vertical delineation samples within the release area.



Photo 40: SS40 (1-2'), SS40 (4-5'), SS40 (8-9') collected as vertical delineation samples within the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 41: SS41 (1-2') and SS41 (4-5') collected as vertical delineation samples within the release area.

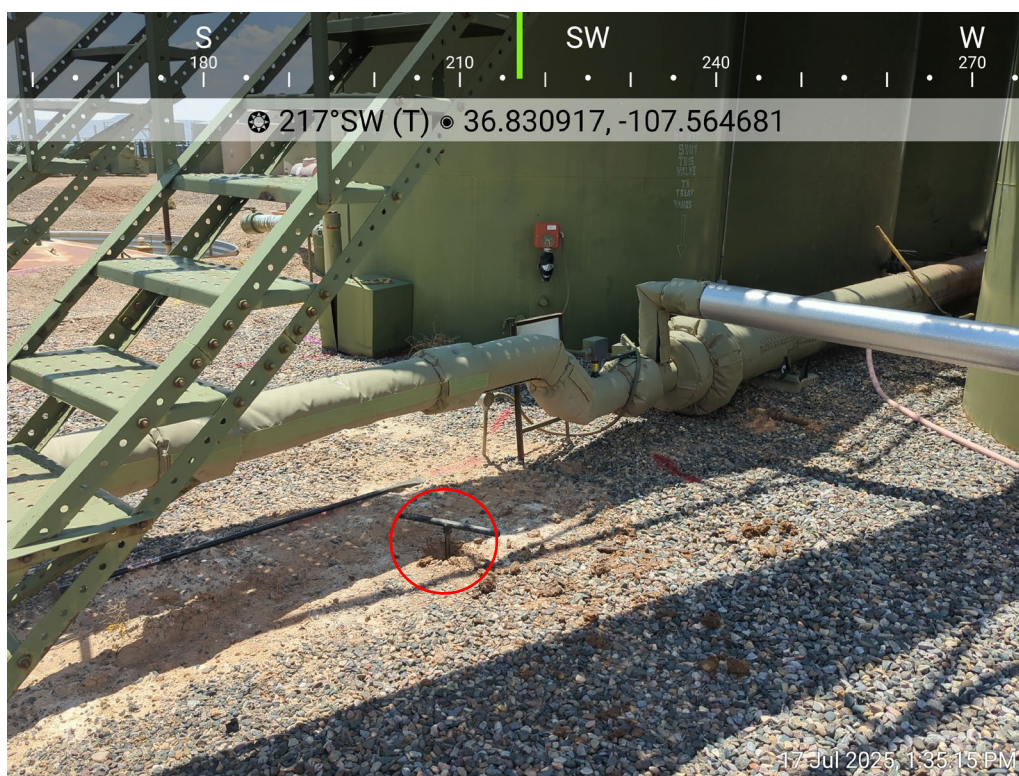


Photo 42: SS42 (4-5') collected as a vertical delineation sample within the release area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

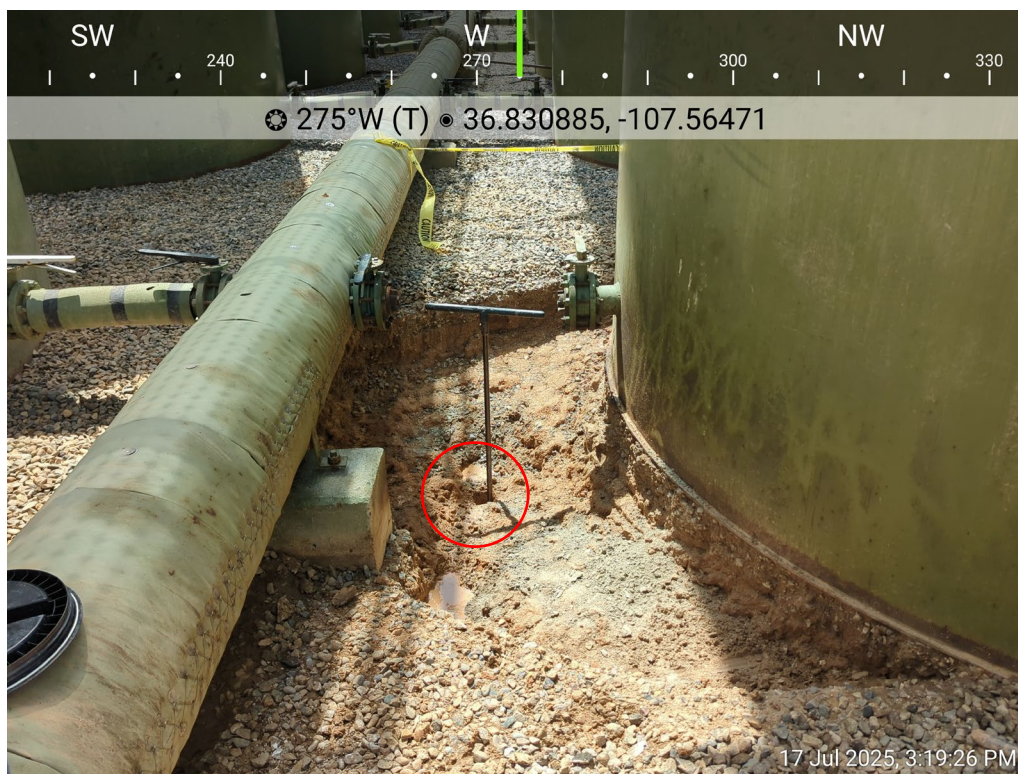


Photo 43: SS43 (2-3'), (3-4'), (4-5'), (5-6'), (6-7'), (7-8'), (8-9'), and (9-10') collected for vertical delineation within the release area.

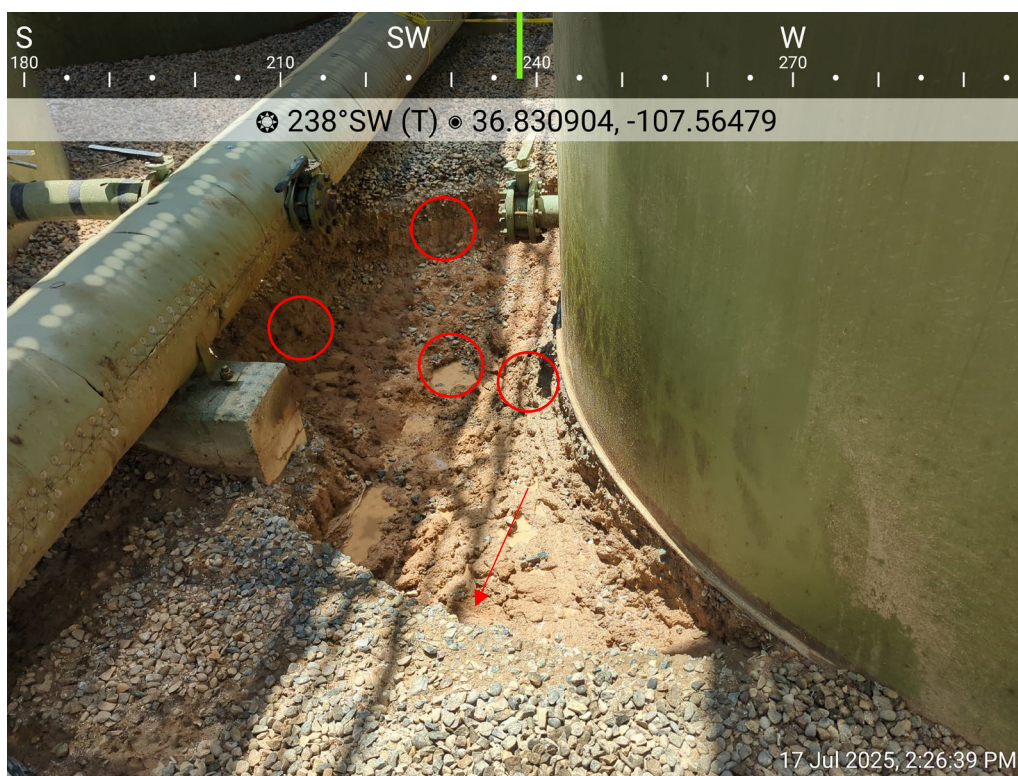


Photo 44: SS44 collected as a five-point composite confirmation sample from the excavation area.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 45: SS45 collected as a five-point composite confirmation sample from the base of the BGT following removal.

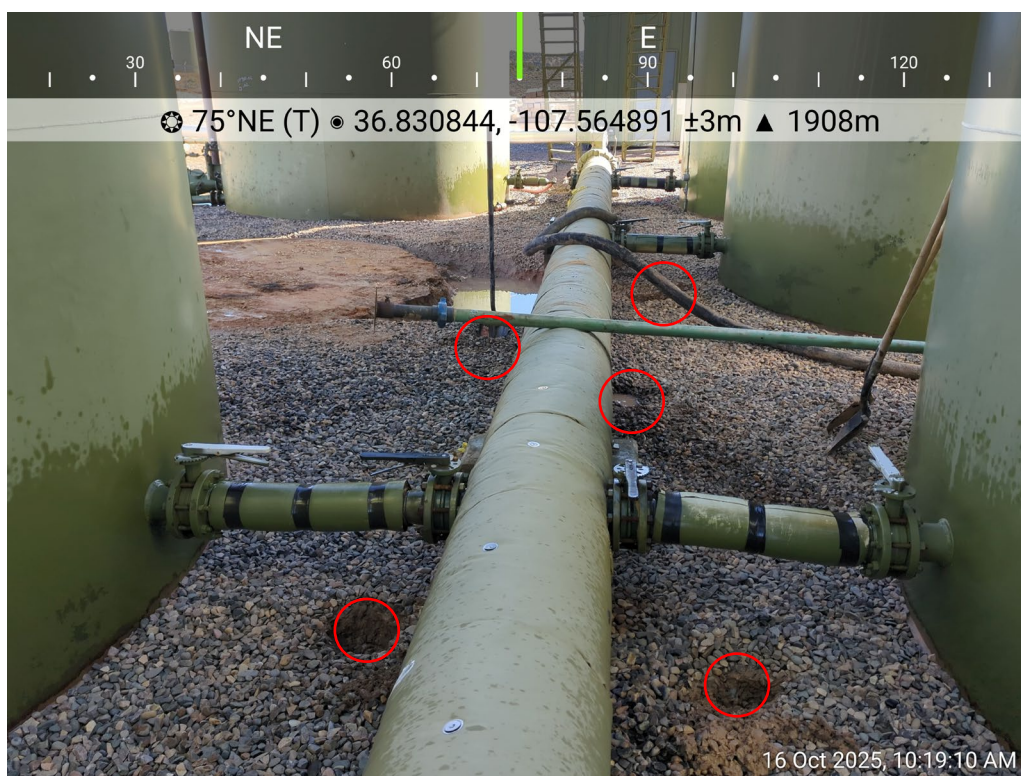


Photo 46: SS46 collected as a five-point composite confirmation sample from the area near the AST at SS29.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**



Photo 47: SS47 collected as a five-point composite confirmation sample from the sidewalls of the BGT following removal of the cellar.

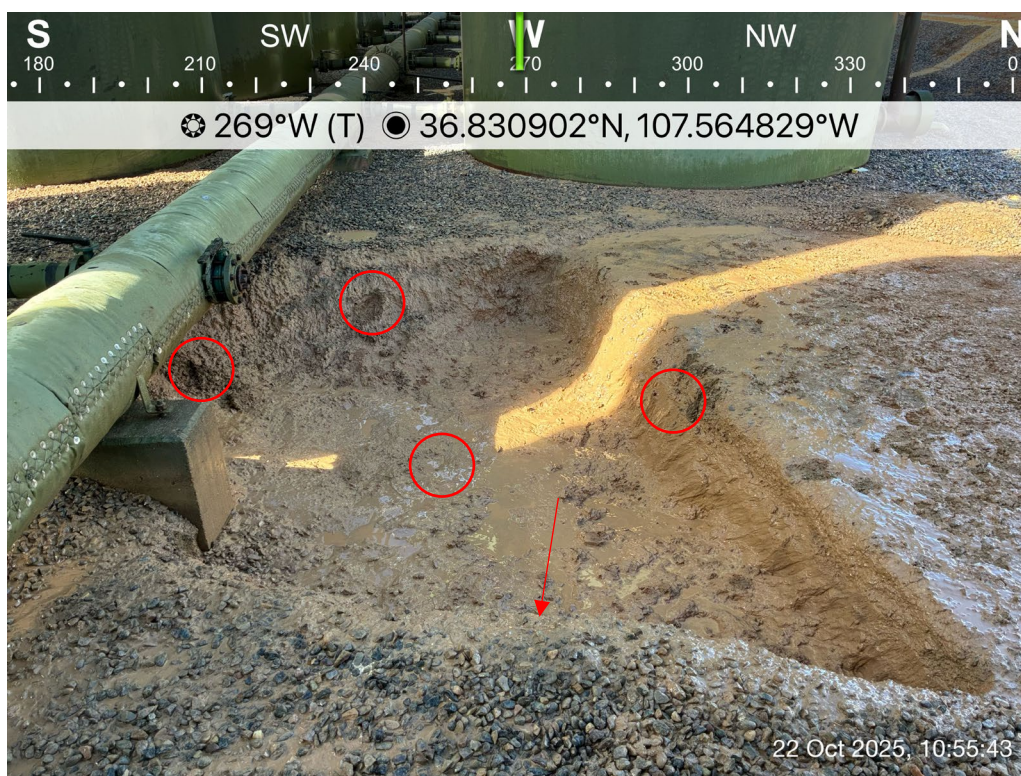


Photo 48: SS48 collected as a five-point composite confirmation sample from the excavation at the AST near SS44.

Cottonwood Consulting LLC





**NEBU Sims Mesa SWD #001**  
**Photographic Log**  
**Simcoe LLC**

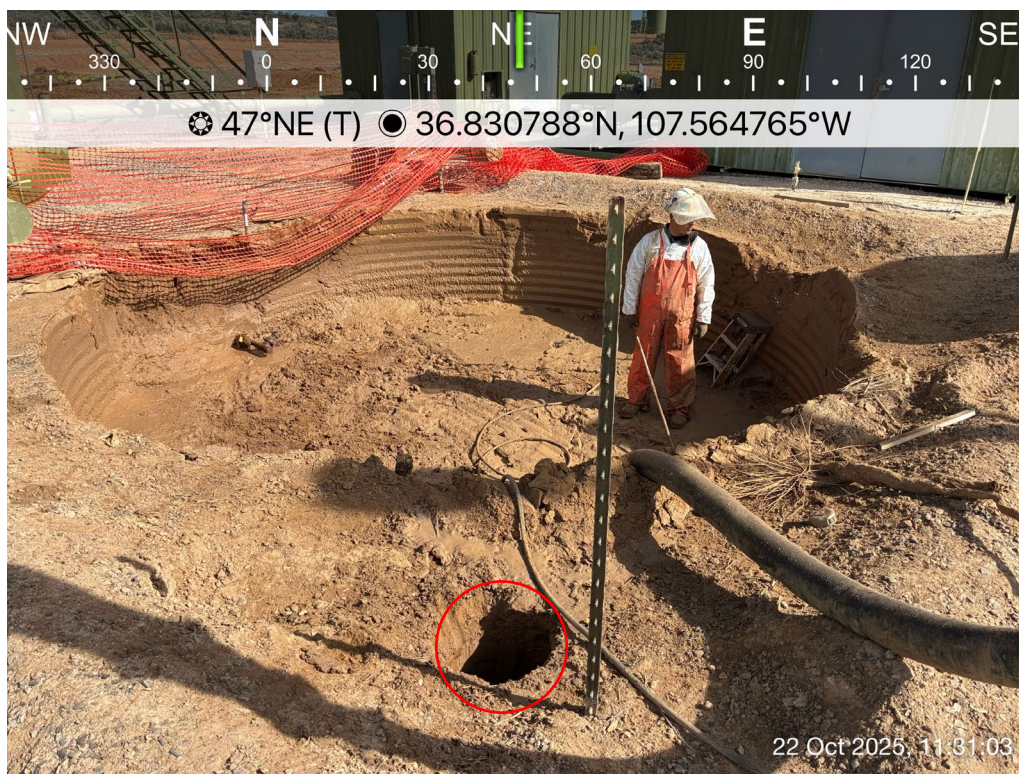



Photo 49: SS49 collected as a five-point composite confirmation sample from the excavation at the SS07 location near the BGT.

**Attachment 7**

**Boring Logs**

				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/16/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS33	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 9 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	SS33 (0-1')	910	28.8	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS33 (1-2')	915	1.2	Brown SILTY CLAY, no stain, no odor.	
2-3	SS33 (2-3')	920	0.5	Brown SILTY CLAY, no stain, no odor.	
3-4	SS33 (3-4')	925	0.7	Brown SILTY CLAY, no stain, no odor.	
4-5	SS33 (4-5')	935	0.9	Brown SILTY CLAY, no stain, no odor.	
5-6	SS33 (5-6')	950	0.5	Brown SILTY CLAY, no stain, no odor.	
6-7	SS33 (6-7')	1000	0.8	Grey-brown SILTY CLAY, no stain, no odor.	
7-8	SS33 (7-8')	1010	0.4	Grey-brown SILTY CLAY, no stain, no odor.	
8-9	SS33 (8-9')	1025	0.5	Grey-brown SILTY CLAY, no stain, no odor.	
9-10	NA			Refusal at 9' bgs.	


## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled

BGS- Below ground surface

				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/16/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS34	Elevation: 6,320 feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 10 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.6	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS34 (1-2')	1115	0.7	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.8	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.8	Brown SILTY CLAY, no stain, no odor.	
4-5	SS34 (4-5')	1135	0.7	Brown SILTY CLAY, no stain, no odor.	
5-6	NA	NS	0.6	Grey-brown SILTY CLAY, no stain, no odor.	
6-7	NA	NS	0.5	Grey-brown SILTY CLAY, no stain, no odor.	
7-8	NA	NS	0.4	Grey-brown SILTY CLAY, no stain, no odor.	
8-9	NA	NS	0.5	Grey-brown SILTY CLAY, no stain, no odor.	
9-10	SS34 (9-10')	1205	0.7	Grey-brown SILTY SAND, no stain, no odor.	


## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled




				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/16/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS35	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 10 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.2	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS35 (1-2')	1300	0.1	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.1	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.1	Brown SILTY CLAY, no stain, no odor.	
4-5	SS35 (4-5')	1315	0	Brown SILTY CLAY, no stain, no odor.	
5-6	NA	NS	0.1	Brown SILTY CLAY, no stain, no odor.	
6-7	NA	NS	0.1	Brown SILTY CLAY, no stain, no odor.	
7-8	NA	NS	0.1	Brown SILTY CLAY, no stain, no odor.	
8-9	NA	NS	0.1	Grey-brown SILTY CLAY, no stain, no odor.	
9-10	SS35 (9-10')	1400	0.2	Grey-brown SILTY SAND, no stain, no odor.	

## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled


				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/16/2025 & 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS36	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 10 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.6	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS36 (1-2')	1420	0.5	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.8	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.8	Brown SILTY CLAY, no stain, no odor.	
4-5	SS36 (4-5')	1435	1.3	Brown SILTY CLAY, no stain, no odor.	
5-6	NA	NS	4.0	Brown SILTY CLAY, no stain, no odor.	
6-7	NA	NS	0.7	Grey-brown SILTY CLAY, no stain, no odor.	
7-8	NA	NS	0.5	Grey-brown SILTY CLAY, no stain, no odor.	
8-9	NA	NS	0.3	Grey-brown SILTY CLAY, no stain, no odor.	
9-10	SS36 (9-10')	0935	0.3	Grey-brown SILTY SAND, no stain, no odor.	

## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled


				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS37	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 10 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	1.0	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS37 (1-2')	0930	0.9	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.7	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.6	Brown SILTY CLAY, no stain, no odor.	
4-5	SS37 (4-5')	0950	0.6	Brown SILTY CLAY, no stain, no odor.	
5-6	NA	NS	0.2	Brown SILTY CLAY, no stain, no odor.	
6-7	NA	NS	0.2	Brown SILTY CLAY, no stain, no odor.	
7-8	NA	NS	0.2	Grey-brown SILTY CLAY, no stain, no odor.	
8-9	NA	NS	0.3	Grey-brown SILTY CLAY, no stain, no odor.	
9-10	SS37 (9-10')	1010	0.2	Grey-brown SILTY CLAY, no stain, no odor.	

## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled


				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS38	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 10 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.6	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS38 (1-2')	1030	0.8	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	1.1	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.7	Brown SILTY CLAY, no stain, no odor.	
4-5	SS38 (4-5')	1045	0.8	Brown SILTY CLAY, no stain, no odor.	
5-6	NA	NS	0.7	Brown SILTY CLAY, no stain, no odor.	
6-7	NA	NS	0.4	Grey-brown SILTY CLAY, no stain, no odor.	
7-8	NA	NS	0.4	Grey-brown SILTY CLAY, no stain, no odor.	
8-9	NA	NS	0.5	Grey-brown SILTY CLAY with SAND, no stain, no odor.	
9-10	SS38 (9-10')	1100	0.4	Grey-brown SILTY CLAY with SAND, no stain, no odor.	

## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled

				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS39	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 9 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.9	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS39 (1-2')	1120	0.7	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.5	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.4	Brown SILTY CLAY, no stain, no odor.	
4-5	SS39 (4-5')	1130	0.5	Brown SILTY CLAY, no stain, no odor.	
5-6	NA	NS	0.3	Brown SILTY CLAY, no stain, no odor.	
6-7	NA	NS	0.3	Grey-brown SILTY CLAY, no stain, no odor.	
7-8	NA	NS	0.4	Grey-brown SILTY CLAY, no stain, no odor.	
8-9	SS39 (9-10')	1143	0.4	Grey-brown SILTY CLAY with SAND, no stain, no odor.	
9-10	NA	NS	NA	Refusl @ 9 feet bgs.	

## Notes:


Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled

bgs- below ground surface



				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS40	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 9 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.4	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS40 (1-2')	1250	0.4	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.6	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.3	Brown SILTY CLAY, no stain, no odor.	
4-5	SS40 (4-5')	1255	0.3	Brown SILTY CLAY, no stain, no odor.	
5-6	NA	NS	0.2	Brown SILTY CLAY, no stain, no odor.	
6-7	NA	NS	0.4	Grey-brown SILTY CLAY, no stain, no odor.	
7-8	NA	NS	0.2	Grey-brown SILTY CLAY, no stain, no odor.	
8-9	SS40 (8-9')	1310	0.3	Grey-brown SILTY CLAY with SAND, no stain, no odor.	
9-10	NA	NS	NA	Refusl @ 9 feet bgs.	


## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled

bgs- below ground surface


				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS41	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 5 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.4	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	SS41 (1-2')	1250	0.4	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.6	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.3	Brown SILTY CLAY, no stain, no odor.	
4-5	SS41 (4-5')	1255	0.3	Brown SILTY CLAY, no stain, no odor.	

## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled


				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS42	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 5 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	0.5	Brown SILTY CLAY w gravel, no stain, no odor.	
1-2	NA	NS	0.5	Brown SILTY CLAY, no stain, no odor.	
2-3	NA	NS	0.4	Brown SILTY CLAY, no stain, no odor.	
3-4	NA	NS	0.3	Brown SILTY CLAY, no stain, no odor.	
4-5	SS42 (4-5')	1255	0.2	Brown SILTY CLAY, no stain, no odor.	

## Notes:

Sample submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled

				Project: Sims Mesa SWD	Operator: Simcoe LLC
				Date: 7/17/2025	Logged By: Joseph Lafortune Cottonwood Consulting
				Sample Location: SS43	Elevation: 6320 Feet
				Drill Method: Hand Auger	Diameter: 3"
				Sample Interval: 1 Foot	Total Depth: 9 Feet
Depth (feet):	Sample ID:	Collection Time:	PID:	Lithology:	
0-1	NA	NS	NA	Brown SILTY CLAY, no stain, no odor.	
1-2	NA	NS	NA	Brown SILTY CLAY, no stain, no odor.	
2-3	SS43 (2-3')	1435	1.8	Brown SILTY CLAY, no stain, no odor.	
3-4	SS43 (3-4')	1440	1.6	Brown SILTY CLAY, no stain, no odor.	
4-5	SS43 (4-5')	1445	0.0	Brown SILTY CLAY, no stain, no odor.	
5-6	SS43 (5-6')	1450	0.1	Grey-brown SILTY CLAY with SAND, no stain, no odor.	
6-7	SS43 (6-7')	1455	0.0	Grey-brown SILTY CLAY with SAND, no stain, no odor.	
7-8	SS43 (7-8')	1505	0.2	Grey-brown SILTY CLAY and weathered CLAYSTONE, no stain, no odor.	
8-9	SS43 (8-9')	1510	0.0	Grey-brown SILTY CLAY and weathered CLAYSTONE, no stain, no odor.	
9-10	NA	NS	NA	Refusl @ 9 feet bgs.	

## Notes:

Samples submitted to Envirotech for BTEX, TPH, Chloride analysis.

NA- Not Applicable

NS- Not Sampled

bgs- below ground surface

**Attachment 8**

**Sampling Notifications**



**From:** [Kyle Siesser](#)  
**To:** [Emma Millar](#)  
**Subject:** FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 514812  
**Date:** Monday, November 3, 2025 3:19:36 PM

---

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Monday, October 13, 2025 3:37 PM  
**To:** Kyle Siesser <ksiesser@cottonwoodconsulting.com>  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 514812

To whom it may concern (c/o Kyle Siesser for SIMCOE LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nBP0804351945.

The sampling event is expected to take place:

**When:** 10/16/2025 @ 09:30

**Where:** E-10-30N-07W 1450 FNL 790 FWL (36.8303986,-107.5647507)

**Additional Information:** 36.8303986, -107.5647507

**Additional Instructions:** 36.8303986, -107.5647507

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**From:** [Kyle Siesser](#)  
**To:** [Emma Millar](#)  
**Subject:** FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 514817  
**Date:** Monday, November 3, 2025 3:19:30 PM

---

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Monday, October 13, 2025 3:39 PM  
**To:** Kyle Siesser <ksiesser@cottonwoodconsulting.com>  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 514817

To whom it may concern (c/o Kyle Siesser for SIMCOE LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2503132631.

The sampling event is expected to take place:

**When:** 10/16/2025 @ 09:30

**Where:** E-10-30N-07W 1450 FNL 790 FWL (36.8304568,-107.5647217)

**Additional Information:** 36.8303986, -107.5647507

**Additional Instructions:** 36.8303986, -107.5647507

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**From:** [Kyle Siesser](#)  
**To:** [Emma Millar](#)  
**Subject:** FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 517831  
**Date:** Monday, November 3, 2025 3:19:49 PM

---

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Monday, October 20, 2025 8:07 AM  
**To:** Kyle Siesser <ksiesser@cottonwoodconsulting.com>  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 517831

To whom it may concern (c/o Kyle Siesser for SIMCOE LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nBP0804351945.

The sampling event is expected to take place:

**When:** 10/22/2025 @ 09:30

**Where:** E-10-30N-07W 1450 FNL 790 FWL (36.8303986,-107.5647507)

**Additional Information:** 36.8303986, -107.5647507

**Additional Instructions:** 36.8303986, -107.5647507

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**From:** [Kyle Siesser](#)  
**To:** [Emma Millar](#)  
**Subject:** FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 517847  
**Date:** Monday, November 3, 2025 3:19:44 PM

---

---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Sent:** Monday, October 20, 2025 8:09 AM  
**To:** Kyle Siesser <ksiesser@cottonwoodconsulting.com>  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 517847

To whom it may concern (c/o Kyle Siesser for SIMCOE LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2503132631.

The sampling event is expected to take place:

**When:** 10/22/2025 @ 09:30

**Where:** E-10-30N-07W 1450 FNL 790 FWL (36.8304568,-107.5647217)

**Additional Information:** 36.8303986,-107.5647507

**Additional Instructions:** 36.8303986,-107.5647507

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

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

Action 523186

**QUESTIONS**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 523186
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2503132631
Incident Name	NAPP2503132631 NEBU SIMS MESA SWD #001 @ 30-039-24236
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-039-24236] NORTHEAST BLANCO UNIT SIMS MESA SWD #001

**Location of Release Source***Please answer all the questions in this group.*

Site Name	NEBU SIMS MESA SWD #001
Date Release Discovered	01/27/2025
Surface Owner	State

**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: Equipment Failure   Gasket   Produced Water   Released: 20 BBL   Recovered: 15 BBL   Lost: 5 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.



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, Page 2

Action 523186

**QUESTIONS (continued)**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 523186
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

**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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*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: Kyle Siesser Title: Principal, Cottonwood Consulting Email: <a href="mailto:ksiesser@cottonwoodconsulting.com">ksiesser@cottonwoodconsulting.com</a> Date: 11/04/2025
--	--

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, Page 3

Action 523186

**QUESTIONS (continued)**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID:
	329736
	Action Number:
	523186
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS**

<b>Site Characterization</b>	
<i>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.</i>	
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	Attached Document
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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 300 and 500 (ft.)
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 300 and 500 (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 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

<b>Remediation Plan</b>	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	527
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2732
GRO+DRO (EPA SW-846 Method 8015M)	1770
BTEX (EPA SW-846 Method 8021B or 8260B)	1.7
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	03/20/2025
On what date will (or did) the final sampling or liner inspection occur	10/22/2025
On what date will (or was) the remediation complete(d)	10/22/2025
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
<i>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.</i>	
<i>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.</i>	

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, Page 4

Action 523186

**QUESTIONS (continued)**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID:	329736
	Action Number:	523186
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>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.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	<b>Yes</b>
Which OCD approved facility will be used for <b>off-site</b> disposal	<a href="#">fEEM0112336756 ENVIROTECH LANDFARM #2</a>
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	<i>Not answered.</i>
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	<i>Not answered.</i>
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	<b>No</b>
(In Situ) Soil Vapor Extraction	<b>No</b>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<b>No</b>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<b>No</b>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<b>No</b>
Ground Water Abatement pursuant to 19.15.30 NMAC	<b>No</b>
OTHER (Non-listed remedial process)	<b>No</b>
<i>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>	
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: Kyle Siesser Title: Principal, Cottonwood Consulting Email: <a href="mailto:ksiesser@cottonwoodconsulting.com">ksiesser@cottonwoodconsulting.com</a> Date: 11/04/2025
<i>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.</i>	

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, Page 5  
  
Action 523186

QUESTIONS (continued)

Operator:  SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID:  329736
	Action Number:  523186
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
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

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, Page 6

Action 523186

**QUESTIONS (continued)**

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 523186
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	517847
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/22/2025
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	1200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	2000
What was the total volume (cubic yards) remediated	10
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)	Based on the results of the previous sampling events and NMOCD communication on September 8, 2025, remediation of TPH-impacts was required in the vicinity of the BGT, near the SS07 sample, and the impacted area in the central portion of the ASTs, near SS29 and SS44. Therefore, Simcoe removed the BGT and cellar walls to further investigate potential impacts, conduct hydrovac excavation of impacted material.
<i>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>	
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: Kyle Siesser Title: Principal, Cottonwood Consulting Email: <a href="mailto:ksiesser@cottonwoodconsulting.com">ksiesser@cottonwoodconsulting.com</a> Date: 11/04/2025



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, Page 7

Action 523186

QUESTIONS (continued)

Operator:  SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID:  329736
	Action Number:  523186
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 523186

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 523186
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/18/2025