Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Robert Dunaway Title: Senior Environmental Engineer

Signature: R Dunaway Date: 3/2/23

email: rhdunaway@eprod.com Telephone: 575-628-6802

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2220628172
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
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Printed Name: Robert Dunaway Title: Senior Environmental Engineer

Signature: R Dunaway Date: 3/2/23

email: rhdunaway@eprod.com Telephone: 575-628-6802

OCD Only

Received by: Robert Hamlet Date: 3/2/2023

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Robert Hamlet Date: 3/2/2023

Souder, Miller & Associates♦201 S. Halagueno St.♦Carlsbad, NM 88220

October 12, 2022

#5E31002-BG17

Mr. Robert Hamlet
NMOCD District 2
811 S. First St
Artesia, New Mexico 88210

SUBJECT: Remediation Plan for the Trunk C (WMH-V4E) Release (nAPP2220628172), Eddy County, New Mexico

Mr. Hamlet:

On behalf of Enterprise Field Services LLC (Enterprise), Souder, Miller & Associates (SMA) has prepared this Remediation Plan for a release of produced water and natural gas related to oil and gas gathering activities at the Trunk C (WMH-V4E) Release (nAPP2220628172) site. The site is in Unit G, Section 15, Township 24S, Range 29E, Eddy County, New Mexico, on privately-owned land. A topographic map showing the release location is included as Figure 1 and an aerial site map is included as Figure 2.

The gas portion of this release constitutes venting that occurred during an emergency or malfunction, as authorized by NMOCD regulations at NMAC 19.15.28.8.A and B(1). This release therefore is not prohibited by NMAC 19.15.29.8.A.

Table 1: Release Information and Closure Criteria

Name	Trunk C (WMH-V4E)	Company	Enterprise Field Services LLC
API Number	N/A	Location	32.220214, -103.970491
Tracking Number	nAPP2220628172		
Date Release Discovered	July 24, 2022	Land Status	Private
Source of Release	Leak on gathering pipeline		
Released Volume	1 barrel (bbl) Produced Water 428 Mcf Natural Gas	Recovered Volume	0 bbls Produced Water 0 Mcf Natural Gas
NMOCD Closure Criteria	<50 feet to groundwater (due to lack of groundwater depth documentation)		
SMA Response Dates	August 3, August 29, and September 9, 2022		

1.0 Background

On July 24, 2022, a release of produced water and natural gas was discovered at the Trunk C (WMH-V4E) site due to a leak in the gathering pipeline. Initial response activities were conducted by Enterprise which included source elimination and site security, containment, and site stabilization activities. A copy of the initial C-141 form is included in Appendix A.

2.0 Site Information and Closure Criteria

The Trunk C (WMH-V4E) release site is an active gathering pipeline located approximately 6 miles east of Malaga, New Mexico on privately-owned land at an elevation of approximately 2,940 feet above mean sea level (amsl).

Depth to Groundwater
A search of the New Mexico Office of the State Engineer (OSE) New Mexico Water Rights Reporting System (NMWRRS) and the United States Geological Society (USGS) National Water Information System did not yield any results within ½-mile of the site (Appendix B). Registered wells in the vicinity are shown on Figure 1.

Wellhead Protection Area
As stated above, there are no known groundwater sources within ½-mile of the location, according to the OSE NMWRRS and USGS National Water Information System. Registered wells in the vicinity are shown on Figure 1.

Distance to Nearest Significant Watercourse
The site is located approximately 1,100 feet northeast of a manmade drainage feature that leads to the Pecos River.

Closure Criteria
Table 2 demonstrates the Closure Criteria applicable to this location. Figures 1 and 2 illustrate the 500 and 1,000-foot and the 0.5-mile radii which indicate that the site does not lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 NMAC.

Because no usable groundwater documentation is available within 0.5 miles of the location, the NMOCD Closure Criteria for this site is for a groundwater depth of less than 50 feet below grade surface (bgs). In addition to meeting the Closure Criteria, the top four feet of impacted areas will be subject to the reclamation standard of Paragraph (1) of Subsection (D) of 19.15.29.13 NMAC.

3.0 Initial Release Characterization

Following pipeline repair activities, SMA personnel provided excavation guidance and excavation confirmation sampling at the release site beginning on August 3, 2022.

During excavation guidance, soil samples were field screened for volatile organic compounds (VOCs) using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. Field notes are included in Appendix C.

Seventeen composite confirmation samples were collected from the final excavation for laboratory analysis for total chloride using United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D. Excavation samples were composed of 5-point composites collected every 200 square feet or less in accordance with the sampling protocol included in Appendix D. Copies of the confirmation sampling notification emails are included in Appendix E.

The final excavation measured approximately 33 feet by 14 feet with a depth of 19 feet. Excavation extents and confirmation sample locations are depicted in Figure 3. A photo log is included in Appendix F. Excavation confirmation laboratory results are summarized in Table 3. Laboratory reports are included in Appendix G.

Laboratory analytical results indicated that total TPH concentrations in confirmation samples BS-SW, SW-W at 10 feet SW-W at 18 feet are above the current Closure Criteria of 100 mg/kg. Additionally, chloride was reported above the current Closure Criteria of 600 mg/kg in sample SW-E at 18 feet. Due to the depth and sloughing sidewalls of the excavation, as well as the proximity of the excavation to an active road, excavation was discontinued and the area was returned to existing grade by backfilling with clean, imported material.

4.0 Recommendations

Based on laboratory results of confirmation samples collected from the location, SMA recommends a test well to determine the depth to groundwater at the site which is anticipated to be at least 50 feet bgs. Additionally, a boring is recommended in the area of confirmation sample BS-SW to further define the horizontal extent of potential residual TPH that may be present near the base of the remedial excavation.

The test well will be advanced by a drill using air rotary drilling techniques to a depth of 101 feet below grade surface. The test well will be left open for a period of 72 hours to allow any potential groundwater to accumulate in the boring. The test well will then be monitored for groundwater before being properly plugged and abandoned.

The investigatory boring for the area of BS-SW will be advanced using hollow stem auger (HSA) drilling techniques and split-spoon samples will be collected at 2.5-foot intervals or less. Should HSA drilling become impractical, advancement will continue using air rotary techniques and samples will be collected from the drill cuttings. The boring will be advanced to a depth of at least 25 feet with the final depth determined by field screening of samples for VOCs and chlorides. At least two samples from this boring will be submitted to the laboratory for analysis of benzene, total BTEX, TPH (as GRO/DRO/MRO), and chlorides which will include the interval exhibiting the highest field screening concentrations and the lowest interval sampled.

The proposed drilling activities are planned for the end of October 2022, but are dependent on drill rig availability, weather, and site conditions.

6.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization, regulatory liaison, and preparing this remediation plan. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Heather Woods at 505-325-7535.

Submitted by:
SOUDER, MILLER & ASSOCIATES

Heather M. Woods

Heather M. Woods, P.G.
Project Geoscientist

Reviewed by:

Reid S. Allan, P.G.
Project Geoscientist

ATTACHMENTS:

Figures:

Figure 1: Topographic Site Map
Figure 2: Aerial Site Map
Figure 3: Site and Sample Location Map

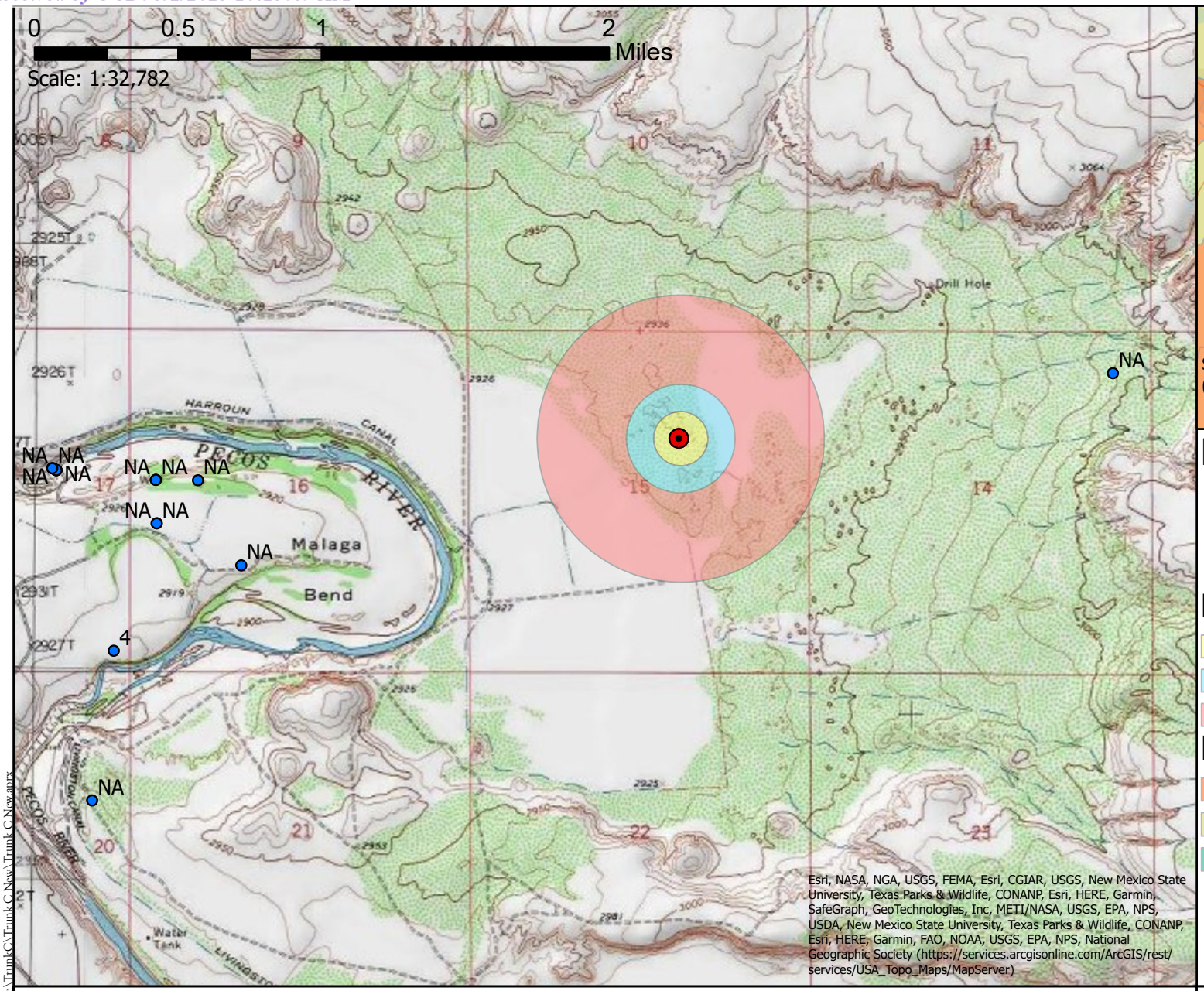
Tables:

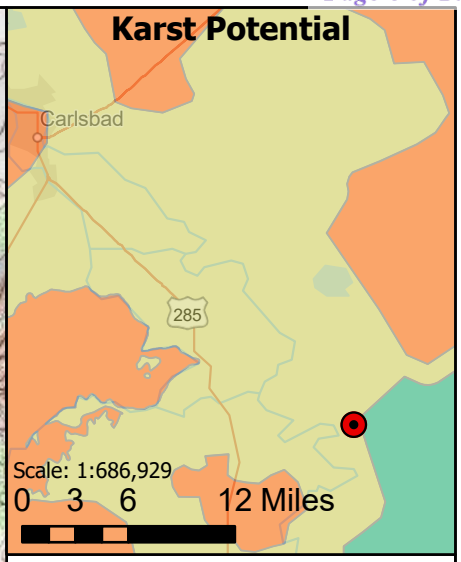
Table 2: NMOCD Closure Criteria
Table 3: Summary of Field Screening and Laboratory Analytical Results

Appendices:

Appendix A: Copy of Form C-141
Appendix B: Groundwater Well Documentation
Appendix C: Field Notes
Appendix D: Sampling Protocol
Appendix E: Correspondence
Appendix F: Photograph Log
Appendix G: Laboratory Analytical Reports

FIGURES





Legend

- Point of Release
- USGS GW Wells (depth in ft)
- OSE GW Wells (depth in ft)

Buffer Distance

- 500 feet
- 1000 feet
- 0.5 mile

Karst Potential

- High
- Medium
- Low

N

Point of Release Coordinates:
-103.970491W 32.220214N

Topographic Site Map
Trunk C (WMH-V4E) - Enterprise Field Services, LLC
UL: G S: 15 T: 24S R: 29E, Eddy County, New Mexico

Figure 1

C:\Users\ss\Desktop\GIS\Enterprise\Trunk C\Trunk C New\Trunk C New.aprx
Date Saved: 8/3/2022

Revisions
By: Date: Descr:
By: Date: Descr:

Drawn Sarahmay Schlea
Date 8/22/2022
Checked
Approved

SMA
Souder, Miller & Associates
Engineering • Environmental
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Carlsbad, New Mexico 88221
(575) 689-7040
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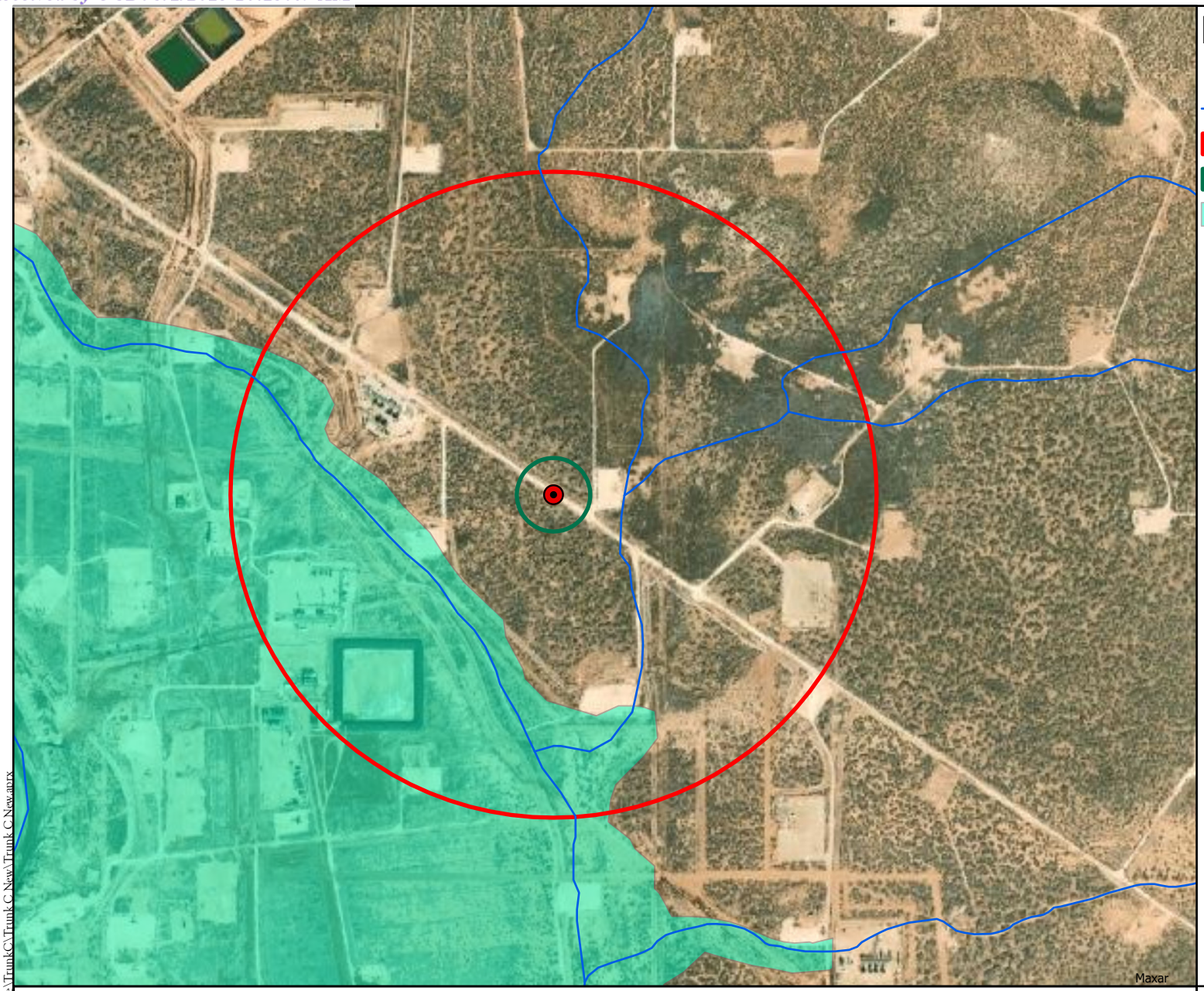

Legend

- Point of Release
- Rivers/Streams/Canals
- 0.5 Mile Radius
- 300 Foot Radius
- FEMA Flood Zones

0 500 1,000 2,000

Feet

Scale: 1:14,570

N

Point of Release Coordinates:
-103.970491W 32.220214N

Aerial Site Map

Trunk C (WMH-V4E) - Enterprise Field Services, LLC

UL: G S: 15 T: 24S R: 29E, Eddy County, New Mexico

Figure 2

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Date Saved: 7/25/2022

Revisions

By:_____ Date:_____ Descr:_____

By:_____ Date:_____ Descr:_____

Drawn Sarahmay Schlea
Date 7/26/2022
Checked
Approved

SMA
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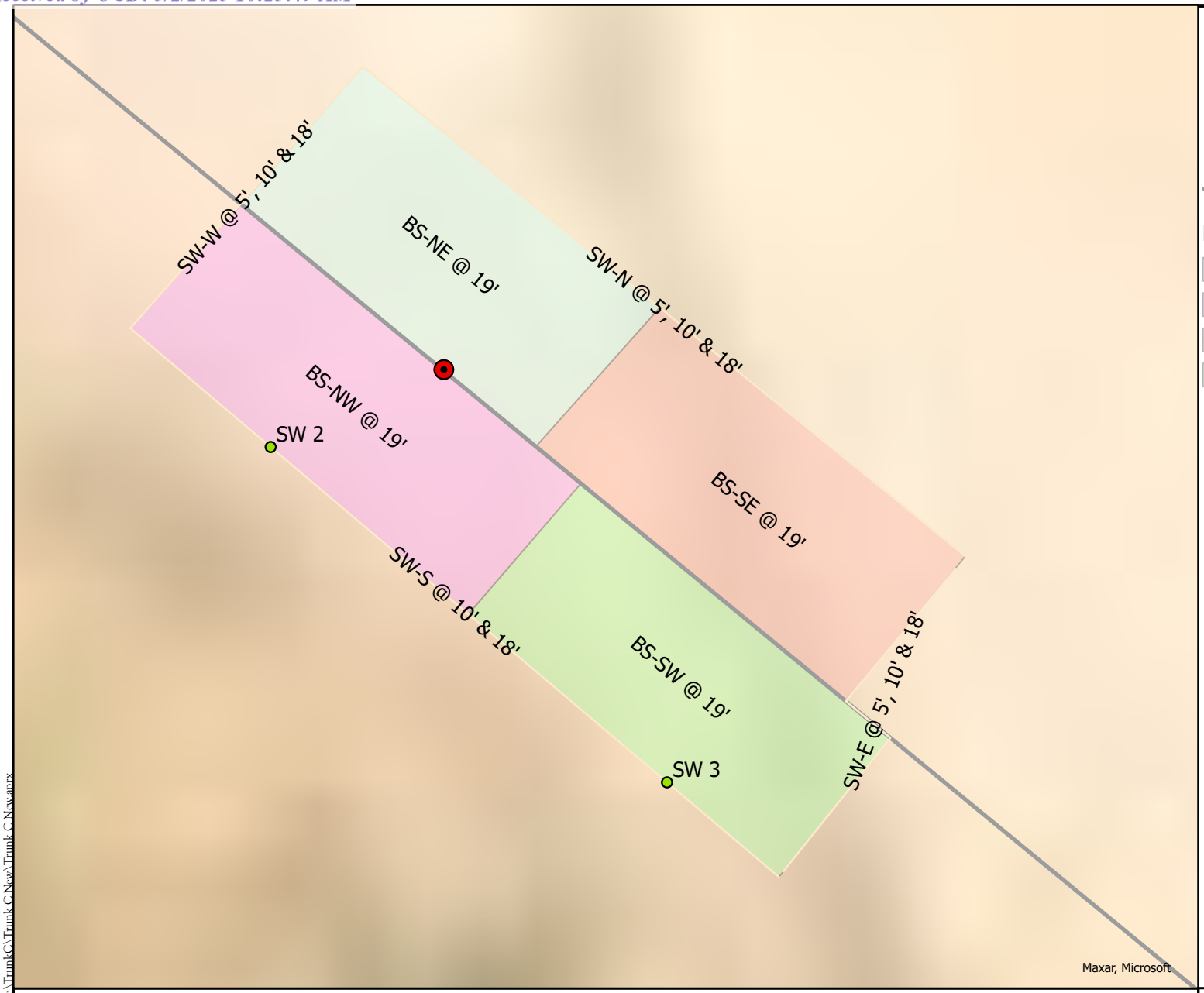

Legend

- Point of Release
- Confirmation Sample Location (8/3/2022)
- Pipeline

name

- BS-NE @ 19'
- BS-NW @ 19'
- BS-SE @ 19'
- BS-SW @ 19'

0 2.5 5 10

Feet

Scale: 1:64

N

Point of Release Coordinates:
-103.970491W 32.220214N

Site and Sample Location Map
Trunk C (WMH-V4E) - Enterprise Field Services, LLC
UL: G S: 15 T: 24S R: 29E, Eddy County, New Mexico

Figure 3

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Date Saved: 10/12/2022

Revisions
By: _____ Date: _____ Descr: _____
By: _____ Date: _____ Descr: _____

Drawn Sarahmay Schlea
Date 10/12/2022
Checked
Approved

SMA
Souder, Miller & Associates
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Carlsbad, New Mexico 88221
(575) 689-7040
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TABLES

Table 2:
NMOCD Closure Criteria

Enterprise Field Services
Truck C (WMH-V4E)
NAPP2220628172

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)		Source/Notes
Depth to Groundwater (feet bgs)	No Data	NMOSE/USGS Water Well Records
Hortizontal Distance From All Water Sources Within 1/2 Mile (mi)	>0.5	NMOSE/USGS Water Well Records
Hortizontal Distance to Nearest Significant Watercourse (ft)	1,100	USGS Topographic Map / Google Earth

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater		**Closure Criteria (units in mg/kg)**				
		Chloride *numerical limit or background, whichever is greater	**TPH**	**GRO + DRO**	**BTEX**	**Benzene**
< 50' BGS	**X**	**600**	**100**		**50**	**10**
51' to 100'		10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water	**yes or no**	**if yes, then**				
<300' from continuously flowing watercourse or other significant watercourse?	no	600	100		50	10
<200' from lakebed, sinkhole or playa lake?	no					
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	no					
<1000' from fresh water well or spring?	no					
Human and Other Areas						
<300' from an occupied permanent residence, school, hospital, institution or church?	no					
within incorporated municipal boundaries or within a defined municipal fresh water well field?	no					
<100' from wetland?	no					
within area overlying a subsurface mine	no					
within an unstable area?	no					
within a 100-year floodplain?	no					

Table 3:
Sample Results

Enterprise Field Services
Truck C (WMH-V4E)
NAPP2220628172

Sample ID	Sample Date	Depth of Sample (feet bgs)	Method 8021B		Method 8015D				Method 300.0
			BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Closure Criteria			50	10	--		--	100	600
Excavation Confirmation Samples									
BS-NE	9/8/2022	19	**0.557**	**0.0698**	**22.4**	<25.0	<50.0	**22.4**	**30.0**
BS-NW	9/8/2022	19	**0.0827**	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BS-SE	9/8/2022	19	**0.0617**	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BS-SW	9/8/2022	19	**48.8**	3.20	**1,160**	**46.4**	<50.0	**1,206**	<20.0
SW2	8/3/2022	0 to 7	**0.222**	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SW3	8/3/2022	0 to 7	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SW-S	9/8/2022	10	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
	9/8/2022	18	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SW-W	9/8/2022	5	**1.066**	<0.250	**53.6**	**25.8**	<50.0	**79.4**	<20.0
	9/8/2022	10	**0.742**	<0.250	**43.2**	**83.1**	**163**	**289**	<20.0
	9/8/2022	18	**9.05**	**0.584**	**314**	**33.2**	**79.3**	**427**	**263**
SW-N	8/29/2022	5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	**36.7**
	8/29/2022	15	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	**307**
	8/29/2022	19	**0.262**	<0.0250	**33.5**	<25.0	**51.3**	**84.8**	**266**
SW-E	9/8/2022	5	<0.100	<0.250	<20.0	<25.0	<50.0	<95.0	**46.7**
	9/8/2022	10	<0.100	<0.250	<20.0	<25.0	<50.0	<95.0	**37.5**
	9/8/2022	18	**0.263**	<0.250	<20.0	<25.0	<50.0	<95.0	**788**
Sample Areas REMOVED by Excavation									
BS1	8/3/2022	7	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	**271**
BS2	8/3/2022	7	**94.2**	**0.710**	**1,660**	**329**	**283**	**2,272**	**609**
BS3	8/29/2022	20	**34.9**	**1.06**	**576**	<25.0	<50.0	**576**	**611**
BS4	8/29/2022	20	**3.49**	<0.0500	**78.3**	**25.8**	**54.3**	**158.4**	**457**
SW1	8/3/2022	0 to 7	**24.2**	<0.0250	**359**	**135**	**106**	**600**	**310**
SW-W	8/29/2022	5	**2.67**	<0.0250	**152**	**92.4**	**116**	**360**	<20.0
	8/29/2022	19	**4.93**	**0.103**	**167**	**42.5**	**50.0**	**260**	**431**
SW4	8/3/2022	0 to 7	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	**471**
SW5	8/3/2022	0 to 7	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	**965**
SW6	8/3/2022	0 to 7	**0.0670**	<0.0250	<20.0	<25.0	<50.0	<95.0	**825**

Notes: bgs - below ground surface
BTEX - benzene, toluene, ethylbenzene, and xylenes
GRO - gasoline range organics
DRO - diesel range organics
MRO - motor oil range organics
TPH - total petroleum hydrocarbons
mg/kg - milligrams per kilogram
NMOCD - New Mexico Oil Conservation Commission

APPENDIX A
COPY OF FORM C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	NAPP2220628172
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Enterprise Field Services LLC	OGRID	241602
Contact Name	Robert Dunaway	Contact Telephone	575-628-6802
Contact email	rhdunaway@eprod.com	Incident # *(assigned by OCD)*	nAPP2220628172
Contact mailing address	PO Box 4324, Houston, TX 77210		

Location of Release Source

Latitude 32.220214 Longitude -103.970491
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Trunk C (WMH-V4E)	Site Type	Gathering Pipeline
Date Release Discovered	07/24/2022	API# *(if applicable)*	

Unit Letter	Section	Township	Range	County
G	15	24S	29E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 1	Volume Recovered (bbls) -0-
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☒ Natural Gas	Volume Released (Mcf) 428	Volume Recovered (Mcf) -0-
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Found a leak on a gathering pipeline, cause is to be determined. The gas portion of this release constitutes venting that occurre during an emergency or malfunction, as authorized by NMOCD regulations at NMAC 19.15.28.8.A and B(1). This release therefore is not prohibited by NMAC 19.15.29.8.A.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2220628172
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Robert Dunaway Title: Senior Environmental Engineer

Signature: R. Dunaway Date: 7/25/22

email: rhdunaway@eprod.com Telephone: 575-628-6802

OCD Only

Received by: Jocelyn Harimon Date: 07/25/2022

Release Inputs	
Release Type	Leak
PSV Flowrate (scfm)	
Hole Length (in)	0.25
Hole Width (in)	0.25
Hole Diameter (in)	
Pressure (psi *gauge*)	759
Flared	
Cg	0
Blowdown Inputs	
Pipe Length (ft)	20,064
Diameter (in)	8
Pressure (psi)	759
Flared	
Is blowdown Part of release	Yes
Atmospheric Input	
P	

LEAK RELEASE TOTAL	
0.00	Mscf
0.00	lbs VOC
0.00	lbs H2S

BLOWDOWN RELEASE TOTAL	
427.10	Mscf
0.00	lbs VOC
0.00	lbs NOx
0.00	lbs H2S
0.00	lbs CO
0.00	lbs SO2

EVENT TOTAL (LEAK & BLOWDOWN)	
427.10	Mscf
0.00	lbs VOC
0.00	lbs H2S

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 128315
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	7/25/2022

APPENDIX B

GROUNDWATER WELL DOCUMENTATION

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 15 **Township:** 24S **Range:** 29E

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00863		CUB	ED	3	3	1	16	24S	29E	594524	3565091*	220		
C 00863 CLW199506	O	CUB	ED	3	3	1	16	24S	29E	594524	3565091*	220		
C 02713		CUB	ED	4	4	1	16	24S	29E	591633	3565944	230	18	212
C 04617 POD1		CUB	ED	3	1	3	22	24S	29E	596241	3563113	110		

Average Depth to Water: **18 feet**

Minimum Depth: **18 feet**

Maximum Depth: **18 feet**

Record Count: 4

PLSS Search:

Section(s): 9, 10, 11, 14, 15, 16, 21, 22, 23 **Township:** 24S **Range:** 29E

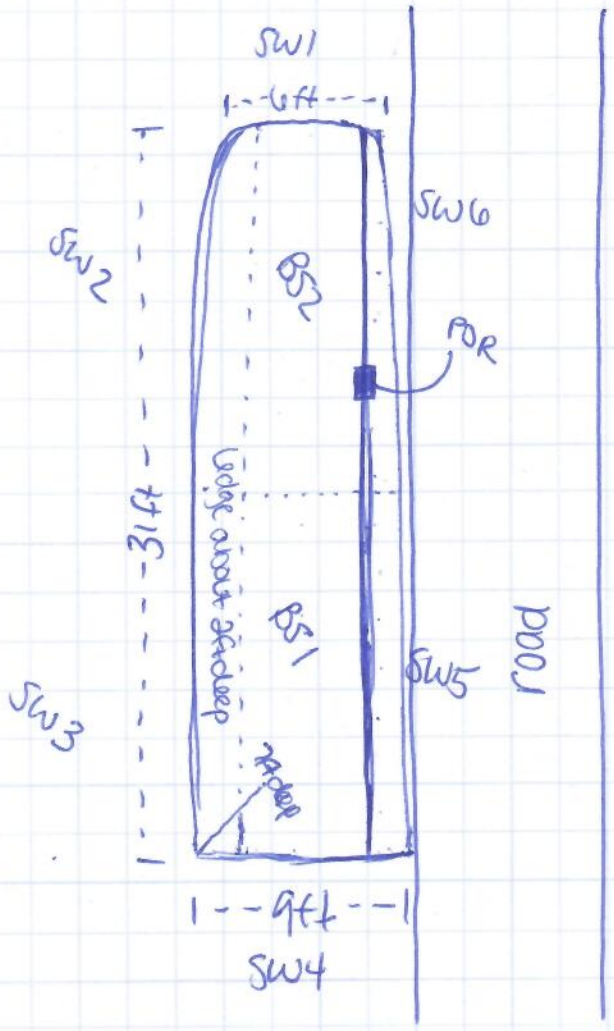
***UTM location was derived from PLSS - see Help**

APPENDIX C
FIELD NOTES

SUBJECT Excavation Map PROJECT Trunk C PAGE 1 of 1

CLIENT Enterprise DATE 8/3/2022 BY Sarahmay Schlea

CHECKED BY



RCI - 100780S

52

Trunk C 3/29/2022 53

SWA arrived on site @ 0835

plan is to excavate into the road, minimally, to ensure clean samples and to make sure the road isn't too impacted.

[redacted]

We took the N wall at about 25' and took samples @ the base, and 15' down, and @ the top and observed a paint thinner smell, indicating it wasn't going to pass, most likely.

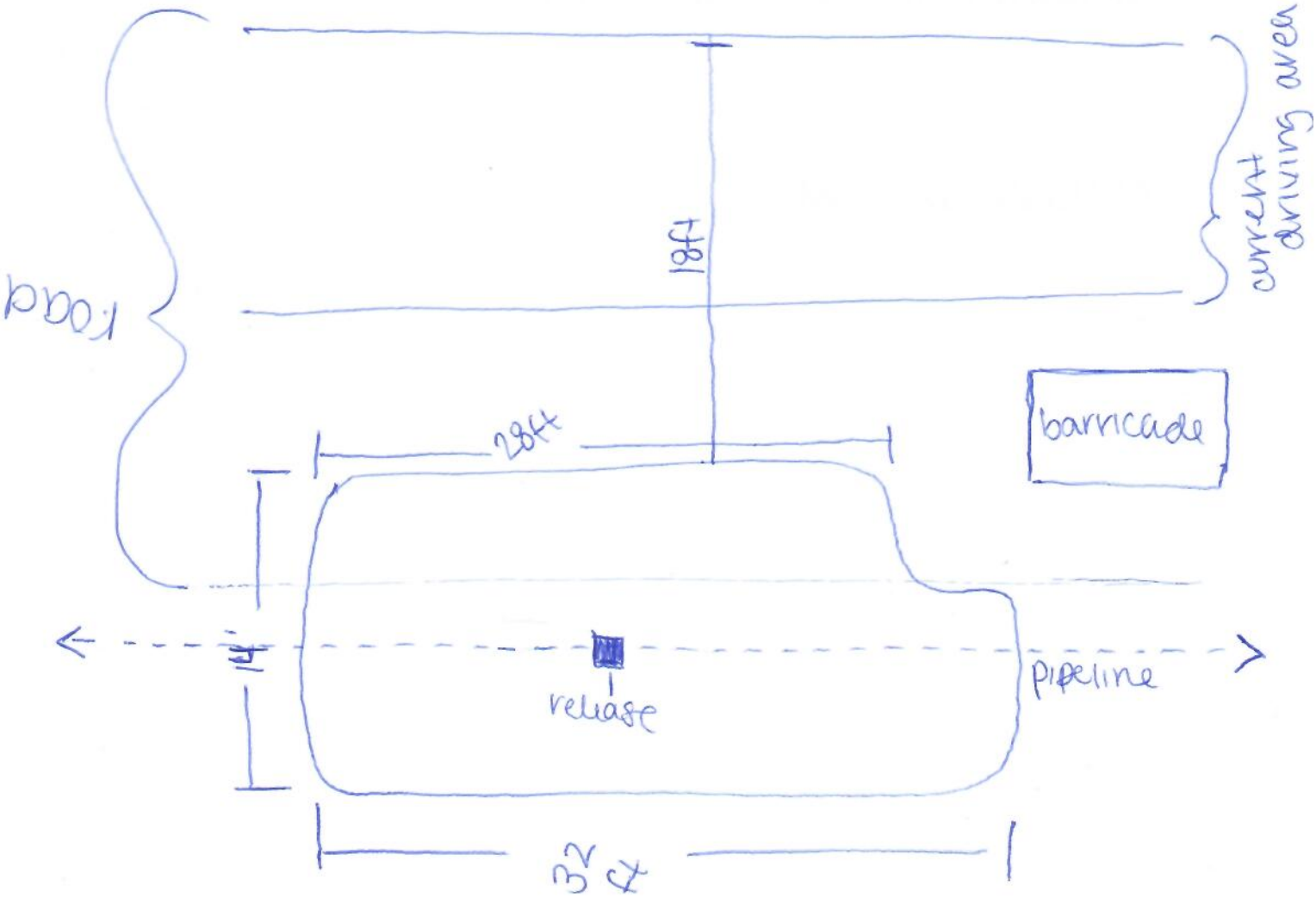
Next, we took the base to 20' on both sides, and took samples on the South wall @ 5', 12' + 19', samples on either side of the pipeline @ the base, and on the E + W walls on either side of the pipeline both base + top.

We will decide which samples need to be sent to the lab based on previous analysis.

SWA left site @ 1115

Trunk C

August 29-30, 2022

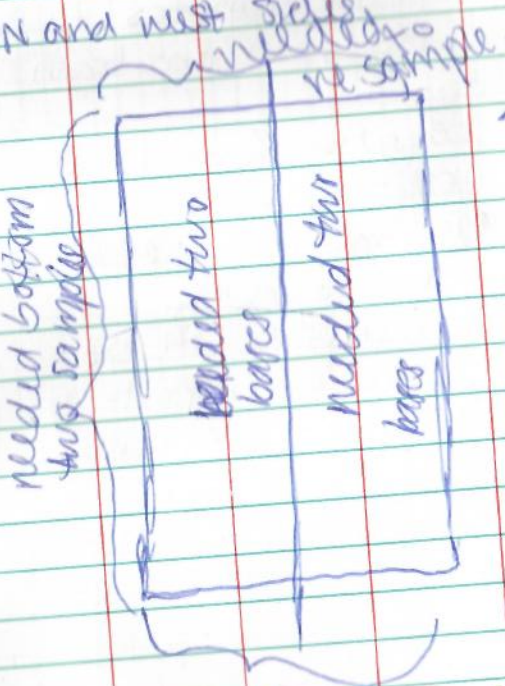


→ depth ~ 19-20ft

VD Trunk C September 8, 2022

SMA arrived @ ~0735

plan is to collect base sample on S side and sidewalls on N and west sides



needed bottom two samples @ 10-15' & 15-19

SMA left site @ 0830

NMR was working on hauling off the dirty dirt when I left.

OHB-060 September 8, 2022 VD

SMA arrived onsite @ ~~0830~~ 0955

plan is to continue where we left off but will need to hand dig the hole first to expose the pipe. then we will continue w/ the backhoe assuming it doesn't break down again. permit writter didn't show up until about 1000

backhoe operator arrived @ ~1030

work began @ 1130

with PID readings greater than 1000 we drew the excavation wider and deeper but not longer.

we wanted to see when our base cleaned up before we drew out the length.

with the south side wall w/in possible testing range we didn't draw it out.

and the N wall was way to shit on one side so we drew out that side and left the other.

total excavation length was 22ft on the west 14ft on the east on the surface and 12.5 on the narrow sides w/ a depth of 10-11ft.

left @ 1415

APPENDIX D
SAMPLING PROTOCOL

Souder, Miller & Associates ♦ 201 S. Halagueno ♦ Carlsbad, NM 88220
(575) 689-8801

Sampling Protocol

The soil samples were collected in laboratory supplied containers in accordance with this sampling protocol, immediately placed on ice and sent under standard chain-of-custody protocols to Envirotech Analytical Laboratory in Farmington, New Mexico for analysis. Samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

Sampling Analysis Field Quality Assurance Procedures

A unique sample numbering was used to identify each sample collected and designated for on-site field screening and off-site laboratory analysis. The purpose of this numbering scheme was to provide a tracking system for the retrieval of analytical and field data on each sample. Sample identification numbers were recorded on sample labels or tags, field notes, chain-of-custody records (COC) and all other applicable documentation used during the project. Sample labels were affixed to all sample containers during sampling activities. Information was recorded on each sample container label at the time of sample collection. The information recorded on the labels were as follows: sample identification number; sample type (discrete or composite); site name and area/location number; analysis to be performed; type of chemical preservative present in container; date and time of sample collection; and sample collector's name and initials. All samples were packed in ice in an approved rigid body container, custody sealed signed and shipped to the appropriate laboratory via insured currier service.

COC procedures implemented for the project provided documentation of the handling of each sample from the time of collection until completion of laboratory analysis. A COC form serves as a legal record of possession of the sample. A sample is considered under custody if one or more of the following criteria are met: the sample is in the sampler's possession; the sample is in the sampler's view after being in possession; the sample was in the sampler's possession and then was placed into a locked area to prevent tampering; and/or the sample is in a designated secure area. Custody was documented throughout the project field sampling activities by a chain-of custody form initiated each day during which samples are collected. Container custody seals placed on either individual samples or on the rigid body container were used to ensure that no sample tampering occurs between the time the samples are placed into the containers and the time the containers are opened for analysis at the laboratory. Container custody seals were signed and dated by the individual responsible for completing the COC form contained within the container.

APPENDIX E
CORRESPONDENCE

Heather Woods

From: Heather Woods
Sent: Monday, August 1, 2022 1:35 PM
To: Enviro, OCD, EMNRD
Cc: Ashley Maxwell; Sarahmay Schlea; Georgeann Goodman; rhdunaway@eprod.com
Subject: Confirmation Sampling Notification - Enterprise Trunk C (nAPP2220628172)

Good Afternoon,

Souder, Miller & Associates will be on location Wednesday, August 3rd,2022, at 12:00pm to conduct confirmation sampling at the Enterprise Truck C release location (nAPP2220628172) located at 32.220214, -103.970491.

Many Thanks,
Heather

Heather Woods, P.G.
Project Geoscientist

Personal Registrations: UT Professional Geologist
Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX PST CAPM (CS-0000051), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

Souder, Miller & Associates
Engineering ♦ Environmental ♦ Geomatics
401 West Broadway
Farmington, NM 87401
(505) 716-2787 (mobile)
(505) 325-7535 (office)
www.soudermiller.com

Heather Woods

From: Heather Woods
Sent: Wednesday, August 24, 2022 1:25 PM
To: Enviro, OCD, EMNRD
Cc: rhdunaway@eprod.com; Sarahmay Schlea; Georgeann Goodman
Subject: Confirmation Sampling Notification - Enterprise Trunk C (nAPP2220628172)

Good Afternoon,

Souder, Miller & Associates will be on location Monday, August 29th,2022, at 8:00am to conduct confirmation sampling at the Enterprise Truck C release location (nAPP2220628172) located at 32.220214, -103.970491.

Many Thanks,
Heather

Heather Woods, P.G.
Project Geoscientist

Personal Registrations: UT Professional Geologist
Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX PST CAPM (CS-0000051), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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Engineering ♦ Environmental ♦ Geomatics
401 West Broadway
Farmington, NM 87401
(505) 716-2787 (mobile)
(505) 325-7535 (office)
www.soudermiller.com

Heather Woods

From: Heather Woods
Sent: Tuesday, September 6, 2022 10:38 AM
To: Enviro, OCD, EMNRD
Cc: rhdunaway@eprod.com; Sarahmay Schlea; Georgeann Goodman
Subject: Confirmation Sampling Notification - Enterprise Trunk C (nAPP2220628172)

Good Morning,

Souder, Miller & Associates will be on location Thursday, September 8th, 2022, at 7:30am to conduct confirmation sampling at the Enterprise Truck C release location (nAPP2220628172) located at 32.220214, -103.970491.

Many Thanks,
Heather

Heather Woods, P.G.
Project Geoscientist

Personal Registrations: UT Professional Geologist
Corporate Registrations: AZ Engineering/Geology/Surveying Firm (14070), FL Engineering Firm (34203), ID Engineering/Surveying Firm (C-3564), ND Engineering Firm (28545PE), OK Engineering Firm (8498), SD Surveying Firm (C-7436), TX Engineering Firm (8877), TX Geology Firm (50254), TX PST CAPM (CS-0000051), TX Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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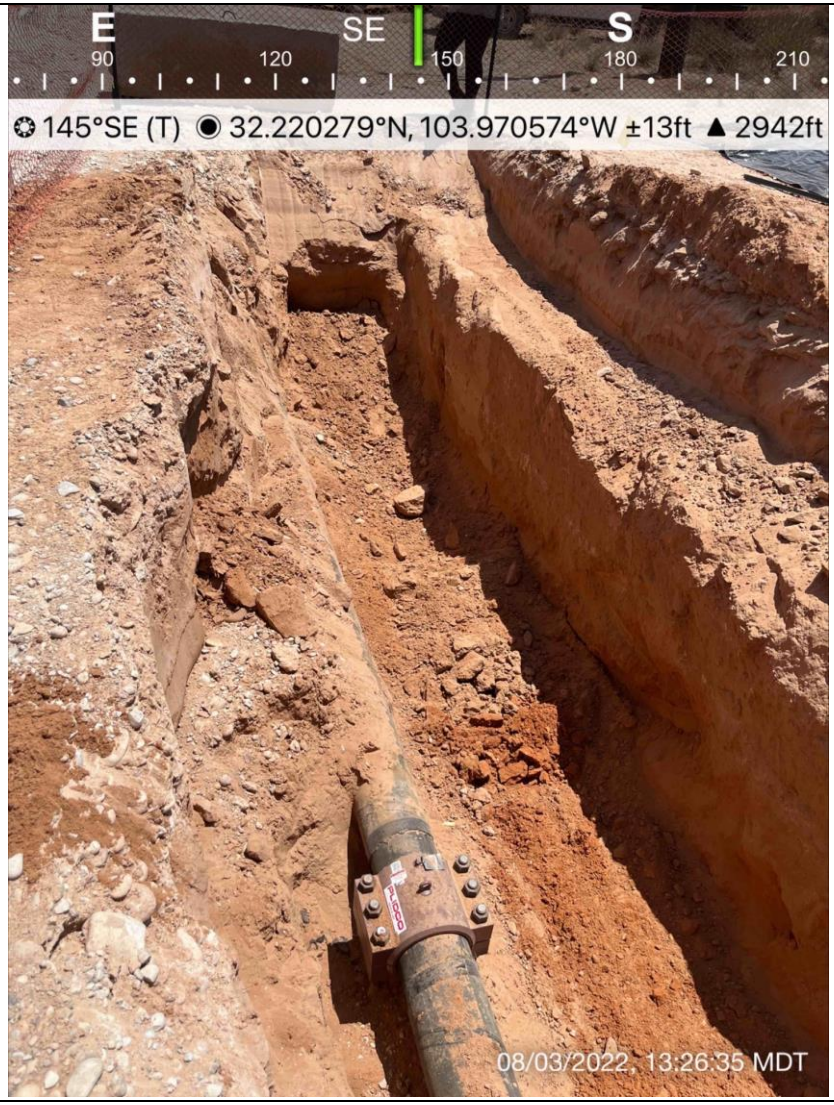
www.soudermiller.com

APPENDIX F
PHOTOGRAPH LOG

Photograph Log
Trunk C (WMH-V4E) Pipeline Release
Enterprise Field Services

Photograph #1	
Client: Enterprise Field Services	
Site Name: Trunk C (WMH-V4E) Pipeline Release	
Date Photo Taken: August 3, 2022	
Release Location: N32.220214, W103.970491 G-S15-T24S-R29E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing southeast, view of the initial excavation extents on August 3, 2022.

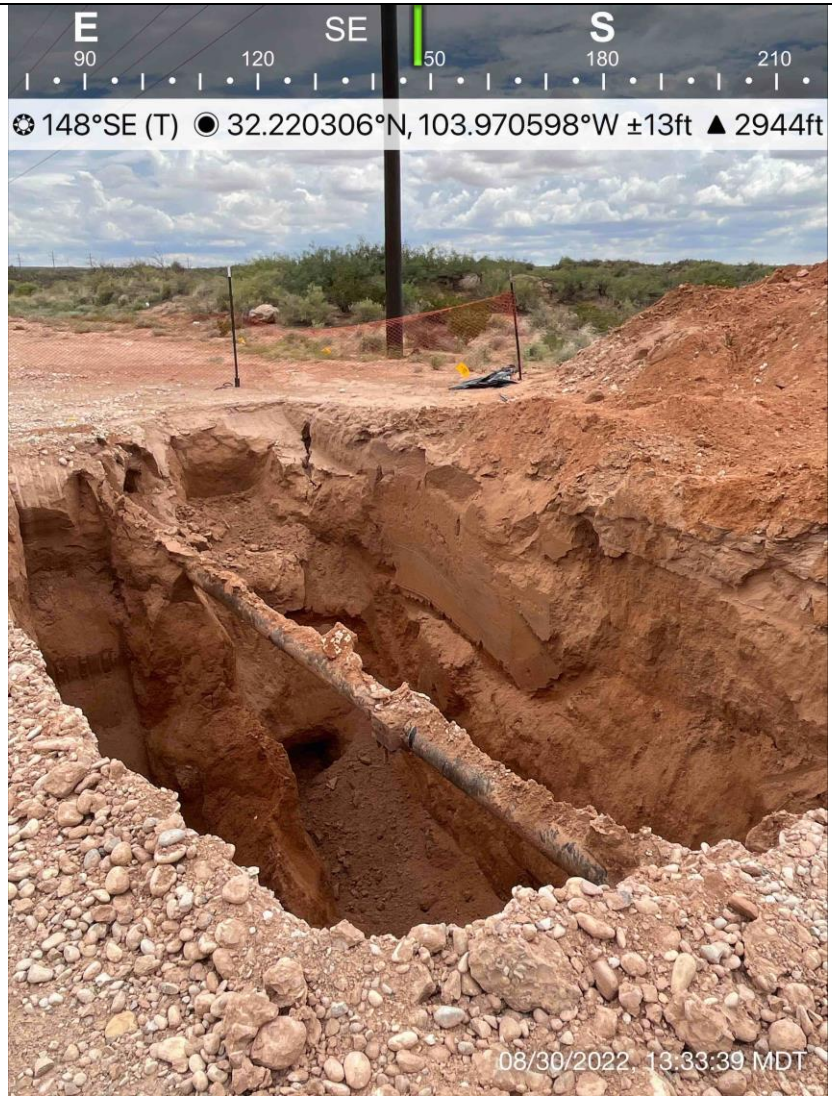
Photograph Log
Trunk C (WMH-V4E) Pipeline Release
Enterprise Field Services

Photograph #2	
Client: Enterprise Field Services	
Site Name: Trunk C (WMH-V4E) Pipeline Release	
Date Photo Taken: August 3, 2022	
Release Location: N32.220214, W103.970491 G-S15-T24S-R29E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing northwest, view of the initial excavation extents on August 3, 2022.

Photograph Log
Trunk C (WMH-V4E) Pipeline Release
Enterprise Field Services

Photograph #3	
Client: Enterprise Field Services	
Site Name: Trunk C (WMH-V4E) Pipeline Release	
Date Photo Taken: August 30, 2022	
Release Location: N32.220214, W103.970491 G-S15-T24S-R29E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing northwest, view of the final excavation area.

Photograph Log
Trunk C (WMH-V4E) Pipeline Release
Enterprise Field Services

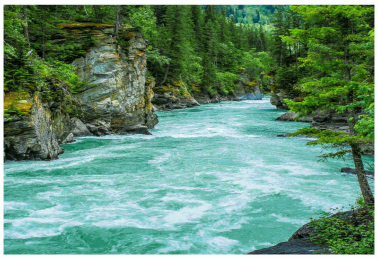
Photograph #4	
Client: Enterprise Field Services	
Site Name: Trunk C (WMH-V4E) Pipeline Release	
Date Photo Taken: August 30, 2022	
Release Location: N32.220214, W103.970491 G-S15-T24S-R29E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing southeast, view of the final excavation area.

APPENDIX G

LABORATORY ANALYTICAL REPORTS

Report to:

Heather Woods



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name: Trunk C

Work Order: E208045

Job Number: 97057-0001

Received: 8/5/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/11/22

Date Reported: 8/11/22

Heather Woods
201 S Halagueno St.
Carlsbad, NM 88220

Project Name: Trunk C
Workorder: E208045
Date Received: 8/5/2022 1:38:00PM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/5/2022 1:38:00PM, under the Project Name: Trunk C.

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

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	08/11/22 17:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS 1	E208045-01A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.
BS 2	E208045-02A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.
SW 1	E208045-03A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.
SW 2	E208045-04A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.
SW 3	E208045-05A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.
SW 4	E208045-06A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.
SW 5	E208045-07A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.
SW 6	E208045-08A	Soil	08/03/22	08/05/22	Glass Jar, 2 oz.

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

BS 1

E208045-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	ND	0.0250	1	08/08/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/10/22	
Toluene	ND	0.0250	1	08/08/22	08/10/22	
o-Xylene	ND	0.0250	1	08/08/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*72.0 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	**271**	20.0	1	08/08/22	08/09/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

BS 2

E208045-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	**0.710**	0.0250	1	08/08/22	08/10/22	
Ethylbenzene	**6.62**	0.0250	1	08/08/22	08/10/22	
Toluene	**31.1**	0.250	10	08/08/22	08/11/22	
o-Xylene	**11.2**	0.250	10	08/08/22	08/11/22	
p,m-Xylene	**44.6**	0.500	10	08/08/22	08/11/22	
Total Xylenes	**55.8**	0.250	10	08/08/22	08/11/22	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/08/22*	*08/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	**1660**	200	10	08/08/22	08/11/22	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/08/22*	*08/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	**329**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**283**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*208 %*	*50-200*	*08/09/22*	*08/09/22*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	**609**	20.0	1	08/08/22	08/09/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

SW 1

E208045-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	ND	0.0250	1	08/08/22	08/10/22	
Ethylbenzene	**1.88**	0.0250	1	08/08/22	08/10/22	
Toluene	**1.64**	0.0250	1	08/08/22	08/10/22	
o-Xylene	**4.53**	0.0250	1	08/08/22	08/10/22	
p,m-Xylene	**15.1**	0.100	2	08/08/22	08/11/22	
Total Xylenes	**20.7**	0.0250	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*130 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*116 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	**359**	20.0	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*130 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*116 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	**135**	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	**106**	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	**310**	20.0	1	08/08/22	08/09/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

SW 2

E208045-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	ND	0.0250	1	08/08/22	08/11/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/11/22	
Toluene	**0.0790**	0.0250	1	08/08/22	08/11/22	
o-Xylene	**0.0270**	0.0250	1	08/08/22	08/11/22	
p,m-Xylene	**0.116**	0.0500	1	08/08/22	08/11/22	
Total Xylenes	**0.143**	0.0250	1	08/08/22	08/11/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*08/08/22*	*08/11/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/11/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*08/08/22*	*08/11/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*08/08/22*	*08/11/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*77.4 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	ND	20.0	1	08/08/22	08/09/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

SW 3

E208045-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	ND	0.0250	1	08/08/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/10/22	
Toluene	ND	0.0250	1	08/08/22	08/10/22	
o-Xylene	ND	0.0250	1	08/08/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*75.2 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	ND	20.0	1	08/08/22	08/09/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

SW 4

E208045-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	ND	0.0250	1	08/08/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/10/22	
Toluene	ND	0.0250	1	08/08/22	08/10/22	
o-Xylene	ND	0.0250	1	08/08/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*78.6 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	**471**	20.0	1	08/08/22	08/09/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

SW 5

E208045-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	ND	0.0250	1	08/08/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/10/22	
Toluene	ND	0.0250	1	08/08/22	08/10/22	
o-Xylene	ND	0.0250	1	08/08/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*69.3 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	**965**	20.0	1	08/08/22	08/09/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

SW 6

E208045-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Benzene	ND	0.0250	1	08/08/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/10/22	
Toluene	ND	0.0250	1	08/08/22	08/10/22	
o-Xylene	ND	0.0250	1	08/08/22	08/10/22	
p,m-Xylene	**0.0670**	0.0500	1	08/08/22	08/10/22	
Total Xylenes	**0.0670**	0.0250	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2233010
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/10/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/08/22*	*08/10/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*08/08/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233028
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*71.0 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233004
Chloride	**825**	20.0	1	08/08/22	08/09/22	

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

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 (2233010-BLK1)									Prepared: 08/08/22 Analyzed: 08/10/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.445*		*0.500*		*88.9*	*70-130*			
Surrogate: Toluene-d8	*0.482*		*0.500*		*96.3*	*70-130*			
LCS (2233010-BS1)									Prepared: 08/08/22 Analyzed: 08/10/22
Benzene	2.18	0.0250	2.50		87.1	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.2	70-130			
Toluene	2.14	0.0250	2.50		85.6	70-130			
o-Xylene	2.34	0.0250	2.50		93.4	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.8	70-130			
Total Xylenes	6.88	0.0250	7.50		91.7	70-130			
Surrogate: Bromofluorobenzene	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*70-130*			
LCS Dup (2233010-BSD1)									Prepared: 08/08/22 Analyzed: 08/10/22
Benzene	2.49	0.0250	2.50		99.7	70-130	13.5	23	
Ethylbenzene	2.66	0.0250	2.50		106	70-130	16.4	27	
Toluene	2.52	0.0250	2.50		101	70-130	16.1	24	
o-Xylene	2.75	0.0250	2.50		110	70-130	16.2	27	
p,m-Xylene	5.37	0.0500	5.00		107	70-130	16.7	27	
Total Xylenes	8.11	0.0250	7.50		108	70-130	16.5	27	
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*100*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

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 (2233010-BLK1)									Prepared: 08/08/22 Analyzed: 08/10/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.445*		*0.500*		*88.9*	*70-130*			
Surrogate: Toluene-d8	*0.482*		*0.500*		*96.3*	*70-130*			
LCS (2233010-BS2)									Prepared: 08/08/22 Analyzed: 08/10/22
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.7	70-130			
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.5*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS Dup (2233010-BSD2)									Prepared: 08/08/22 Analyzed: 08/10/22
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.7	70-130	2.25	20	
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.5*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233028-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*36.7*		*50.0*		*73.4*	*50-200*			
LCS (2233028-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	212	25.0	250		84.7	38-132			
Surrogate: n-Nonane	*36.5*		*50.0*		*72.9*	*50-200*			
Matrix Spike (2233028-MS1)				**Source: E208048-04**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	211	25.0	250	ND	84.5	38-132			
Surrogate: n-Nonane	*32.6*		*50.0*		*65.3*	*50-200*			
Matrix Spike Dup (2233028-MSD1)				**Source: E208048-04**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	210	25.0	250	ND	84.0	38-132	0.511	20	
Surrogate: n-Nonane	*29.8*		*50.0*		*59.6*	*50-200*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	8/11/2022 5:35:25PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2233004-BLK1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	ND	20.0							
LCS (2233004-BS1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	248	20.0	250		99.2	90-110			
LCS Dup (2233004-BSD1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	249	20.0	250		99.5	90-110	0.283	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

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	08/11/22 17:35

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 1

STD 5D

Client:	Souder Miller & Associates
Project:	Trunk C
Project Manager:	Heather Woods
Address:	201 S. Halagueno
City, State, Zip	Carlsbad, NM
Phone:	
Email:	
Report due by:	

Bill To

Attention:	Enterprise
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#: E208045 | Job Number: 97057-0001

TAT		EPA Program		
1D	3D	RCRA	CWA	SDWA

State: NM X | CO | UT | AZ | TX | OK

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM	BGDOC - TX			Remarks
12:37	8/3/22	Soil	1	BS 1	1									X				
13:06	8/3/22	Soil	1	BS 2	2									X				
12:50	8/3/22	Soil	1	SW 1	3									X				
13:16	8/3/22	Soil	1	SW 2	4									X				
13:50	8/3/22	Soil	1	SW 3	5									X				
13:43	8/3/22	Soil	1	SW 4	6									X				
13:55	8/3/22	Soil	1	SW 5	7									X				
13:23	8/3/22	Soil	1	SW 6	8									X				
					9													
				8/5/22 CC														

Additional Instructions:
Please send report to Heather Woods Sarahmay Schlea, Ashley Maxwell & Georgeann Goodman

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:

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	Time	Received by: (Signature)	Date	Time
	8.3.22	2:45		8-3-22	4:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				8/5/22	13:38
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

Envirotech Analytical Laboratory

Printed: 8/5/2022 4:26:10PM

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:	Souder Miller Associates - Carlsbad	Date Received:	08/05/22 13:38	Work Order ID:	E208045
Phone:	(505) 325-7535	Date Logged In:	08/05/22 14:27	Logged In By:	Caitlin Christian
Email:	ashley.maxwell@soudermiller.com	Due Date:	08/10/22 17:00 (3 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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?	No	

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 filteration 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

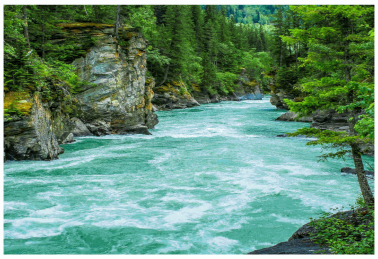
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Heather Woods



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:	Trunk C
Work Order:	E208179
Job Number:	97057-0001
Received:	8/31/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/1/22

Date Reported: 9/1/22

Heather Woods
201 S Halagueno St.
Carlsbad, NM 88220

Project Name: Trunk C
Workorder: E208179
Date Received: 8/31/2022 10:00:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/31/2022 10:00:00AM, under the Project Name: Trunk C.

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

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

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

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

Respectfully,

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

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

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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/01/22 15:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS03 @ 20'	E208179-01A	Soil	08/29/22	08/31/22	Glass Jar, 4 oz.
BS04 @ 20'	E208179-02A	Soil	08/29/22	08/31/22	Glass Jar, 4 oz.
SW-N @ 5'	E208179-03A	Soil	08/29/22	08/31/22	Glass Jar, 4 oz.
SW-N @ 15'	E208179-04A	Soil	08/29/22	08/31/22	Glass Jar, 4 oz.
SW-N @ 19'	E208179-05A	Soil	08/29/22	08/31/22	Glass Jar, 4 oz.
SW-W @ 5'	E208179-06A	Soil	08/29/22	08/31/22	Glass Jar, 4 oz.
SW-W @ 19'	E208179-07A	Soil	08/29/22	08/31/22	Glass Jar, 4 oz.

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

BS03 @ 20'

E208179-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Benzene	**1.06**	0.250	10	08/31/22	09/01/22	
Ethylbenzene	**2.34**	0.250	10	08/31/22	09/01/22	
Toluene	**14.8**	0.250	10	08/31/22	09/01/22	
o-Xylene	**3.47**	0.250	10	08/31/22	09/01/22	
p,m-Xylene	**13.3**	0.500	10	08/31/22	09/01/22	
Total Xylenes	**16.7**	0.250	10	08/31/22	09/01/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/31/22*	*09/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Gasoline Range Organics (C6-C10)	**576**	200	10	08/31/22	09/01/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: 1,2-Dichloroethane-d4		*91.5 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/31/22*	*09/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236033
Diesel Range Organics (C10-C28)	ND	25.0	1	08/31/22	08/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/31/22	08/31/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*08/31/22*	*08/31/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236026
Chloride	**611**	20.0	1	08/30/22	08/31/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

BS04 @ 20'

E208179-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Benzene	ND	0.0500	2	08/31/22	09/01/22	
Ethylbenzene	**0.281**	0.0500	2	08/31/22	09/01/22	
Toluene	**0.575**	0.0500	2	08/31/22	09/01/22	
o-Xylene	**0.593**	0.0500	2	08/31/22	09/01/22	
p,m-Xylene	**2.04**	0.100	2	08/31/22	09/01/22	
Total Xylenes	**2.63**	0.0500	2	08/31/22	09/01/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/31/22*	*09/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Gasoline Range Organics (C6-C10)	**78.3**	40.0	2	08/31/22	09/01/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/31/22*	*09/01/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/31/22*	*09/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236033
Diesel Range Organics (C10-C28)	**25.8**	25.0	1	08/31/22	08/31/22	
Oil Range Organics (C28-C36)	**54.3**	50.0	1	08/31/22	08/31/22	
Surrogate: n-Nonane		*99.6 %*	*50-200*	*08/31/22*	*08/31/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236026
Chloride	**457**	20.0	1	08/30/22	08/31/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

SW-N @ 5'

E208179-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Benzene	ND	0.0250	1	08/31/22	08/31/22	
Ethylbenzene	ND	0.0250	1	08/31/22	08/31/22	
Toluene	ND	0.0250	1	08/31/22	08/31/22	
o-Xylene	ND	0.0250	1	08/31/22	08/31/22	
p,m-Xylene	ND	0.0500	1	08/31/22	08/31/22	
Total Xylenes	ND	0.0250	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236033
Diesel Range Organics (C10-C28)	ND	25.0	1	08/31/22	08/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/31/22	08/31/22	
Surrogate: n-Nonane		*91.1 %*	*50-200*	*08/31/22*	*08/31/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236026
Chloride	**36.7**	20.0	1	08/30/22	08/31/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

SW-N @ 15'

E208179-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Benzene	ND	0.0250	1	08/31/22	08/31/22	
Ethylbenzene	ND	0.0250	1	08/31/22	08/31/22	
Toluene	ND	0.0250	1	08/31/22	08/31/22	
o-Xylene	ND	0.0250	1	08/31/22	08/31/22	
p,m-Xylene	ND	0.0500	1	08/31/22	08/31/22	
Total Xylenes	ND	0.0250	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236033
Diesel Range Organics (C10-C28)	ND	25.0	1	08/31/22	08/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/31/22	08/31/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/31/22*	*08/31/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236026
Chloride	**307**	20.0	1	08/30/22	08/31/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

SW-N @ 19'

E208179-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Benzene	ND	0.0250	1	08/31/22	08/31/22	
Ethylbenzene	**0.0350**	0.0250	1	08/31/22	08/31/22	
Toluene	**0.0545**	0.0250	1	08/31/22	08/31/22	
o-Xylene	**0.0740**	0.0250	1	08/31/22	08/31/22	
p,m-Xylene	**0.0980**	0.0500	1	08/31/22	08/31/22	
Total Xylenes	**0.172**	0.0250	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Gasoline Range Organics (C6-C10)	**33.5**	20.0	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236033
Diesel Range Organics (C10-C28)	ND	25.0	1	08/31/22	08/31/22	
Oil Range Organics (C28-C36)	**51.3**	50.0	1	08/31/22	08/31/22	
Surrogate: n-Nonane		*90.5 %*	*50-200*	*08/31/22*	*08/31/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236026
Chloride	**266**	20.0	1	08/30/22	08/31/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

SW-W @ 5'

E208179-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Benzene	ND	0.0250	1	08/31/22	08/31/22	
Ethylbenzene	**0.186**	0.0250	1	08/31/22	08/31/22	
Toluene	**0.283**	0.0250	1	08/31/22	08/31/22	
o-Xylene	**0.650**	0.0250	1	08/31/22	08/31/22	
p,m-Xylene	**1.55**	0.0500	1	08/31/22	08/31/22	
Total Xylenes	**2.20**	0.0250	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Gasoline Range Organics (C6-C10)	**152**	20.0	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236033
Diesel Range Organics (C10-C28)	**92.4**	25.0	1	08/31/22	08/31/22	
Oil Range Organics (C28-C36)	**116**	50.0	1	08/31/22	08/31/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*08/31/22*	*08/31/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236026
Chloride	ND	20.0	1	08/30/22	08/31/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

SW-W @ 19'

E208179-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Benzene	**0.103**	0.0250	1	08/31/22	08/31/22	
Ethylbenzene	**0.395**	0.0250	1	08/31/22	08/31/22	
Toluene	**1.28**	0.0250	1	08/31/22	08/31/22	
o-Xylene	**0.822**	0.0250	1	08/31/22	08/31/22	
p,m-Xylene	**2.33**	0.0500	1	08/31/22	08/31/22	
Total Xylenes	**3.15**	0.0250	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2236035
Gasoline Range Organics (C6-C10)	**167**	20.0	1	08/31/22	08/31/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*08/31/22*	*08/31/22*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*08/31/22*	*08/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2236033
Diesel Range Organics (C10-C28)	**42.5**	25.0	1	08/31/22	08/31/22	
Oil Range Organics (C28-C36)	**50.0**	50.0	1	08/31/22	08/31/22	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*08/31/22*	*08/31/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2236026
Chloride	**431**	20.0	1	08/30/22	08/31/22	

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236035-BLK1)									Prepared: 08/31/22 Analyzed: 08/31/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
LCS (2236035-BS1)									Prepared: 08/31/22 Analyzed: 08/31/22
Benzene	2.14	0.0250	2.50		85.7	70-130			
Ethylbenzene	2.21	0.0250	2.50		88.4	70-130			
Toluene	2.12	0.0250	2.50		84.6	70-130			
o-Xylene	2.09	0.0250	2.50		83.5	70-130			
p,m-Xylene	4.09	0.0500	5.00		81.9	70-130			
Total Xylenes	6.18	0.0250	7.50		82.4	70-130			
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS Dup (2236035-BSD1)									Prepared: 08/31/22 Analyzed: 08/31/22
Benzene	1.97	0.0250	2.50		78.9	70-130	8.36	23	
Ethylbenzene	2.13	0.0250	2.50		85.3	70-130	3.59	27	
Toluene	2.03	0.0250	2.50		81.3	70-130	4.00	24	
o-Xylene	2.00	0.0250	2.50		80.1	70-130	4.18	27	
p,m-Xylene	3.93	0.0500	5.00		78.7	70-130	3.96	27	
Total Xylenes	5.94	0.0250	7.50		79.2	70-130	4.04	27	
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236035-BLK1)									Prepared: 08/31/22 Analyzed: 08/31/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
LCS (2236035-BS2)									Prepared: 08/31/22 Analyzed: 08/31/22
Gasoline Range Organics (C6-C10)	55.6	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
LCS Dup (2236035-BSD2)									Prepared: 08/31/22 Analyzed: 08/31/22
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130	2.64	20	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236033-BLK1)									Prepared: 08/31/22 Analyzed: 08/31/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*38.6*		*50.0*		*77.2*	*50-200*			
LCS (2236033-BS1)									Prepared: 08/31/22 Analyzed: 08/31/22
Diesel Range Organics (C10-C28)	227	25.0	250		90.6	38-132			
Surrogate: n-Nonane	*42.3*		*50.0*		*84.5*	*50-200*			
Matrix Spike (2236033-MS1)				**Source: E208167-04**					Prepared: 08/31/22 Analyzed: 08/31/22
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.8	38-132			
Surrogate: n-Nonane	*29.8*		*50.0*		*59.6*	*50-200*			
Matrix Spike Dup (2236033-MSD1)				**Source: E208167-04**					Prepared: 08/31/22 Analyzed: 08/31/22
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	0.139	20	
Surrogate: n-Nonane	*31.5*		*50.0*		*63.0*	*50-200*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/1/2022 3:20:03PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2236026-BLK1)									Prepared: 08/30/22 Analyzed: 08/30/22
Chloride	ND	20.0							
LCS (2236026-BS1)									Prepared: 08/30/22 Analyzed: 08/31/22
Chloride	271	20.0	250		109	90-110			
Matrix Spike (2236026-MS1)				**Source: E208176-01**					Prepared: 08/30/22 Analyzed: 08/31/22
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2236026-MSD1)				**Source: E208176-01**					Prepared: 08/30/22 Analyzed: 08/31/22
Chloride	272	20.0	250	ND	109	80-120	0.0389	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

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/01/22 15:20

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Chain of Custody

Project Information

Client: Souder Miller & Associates
Project: Trunk C
Project Manager: Heather Woods
Address: 201 Halagueno
City, State, Zip Carlsbad NM 88220
Phone:
Email:
Report due by:

Bill To
Attention: Enterprise
Address:
City, State, Zip
Phone:
Email:
WO# RD22121

Lab Use Only
Lab WO# E208179
Job Number 97057-0001

TAT: 1D X, 3D

EPA Program: RCRA, CWA, SDWA

State: NM X, CO, UT, AZ, TX, OK

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0; BGDOC - NM X; BGDOC - TX

Time Sampled	Date Sampled	Matrix	No. Containers	Sample ID	Lab Number	BGDOC - NM
0922	8/29/22	Soil	1	BS03 @ 20'	1	X
1022	8/29/22	Soil	1	BS04 @ 20'	2	X
1057	8/29/22	Soil	1	SW-N @ 5'	3	X
1032	8/29/22	Soil	1	SW-N @ 15'	4	X
0940	8/29/22	Soil	1	SW-N @ 19'	5	X
1039	8/29/22	Soil	1	SW-W @ 5'	6	X
1034	8/29/22	Soil	1	SW-W @ 19'	7	X

Remarks

Additional Instructions: Please send to, Heather Woods, Sarahmay Schlea, Gorgeann Goodman

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:

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	Time	Received by: (Signature)	Date	Time
	8/29/22	2:30		8-31-22	3:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-30-22	4:15		8/31/22	10:00
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

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

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

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

Envirotech Analytical Laboratory

Printed: 8/31/2022 11:49:38AM

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:	Souder Miller Associates - Carlsbad	Date Received:	08/31/22 10:00	Work Order ID:	E208179
Phone:	(575) 200-5443	Date Logged In:	08/31/22 08:19	Logged In By:	Caitlin Christian
Email:		Due Date:	08/31/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
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?	No

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 filteration 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

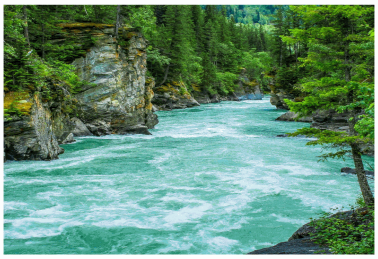
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Heather Woods



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:	Trunk C
Work Order:	E209041
Job Number:	97057-0001
Received:	9/12/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/15/22

Date Reported: 9/15/22

Heather Woods
201 S Halagueno St.
Carlsbad, NM 88220

Project Name: Trunk C
Workorder: E209041
Date Received: 9/12/2022 8:40:00AM

Heather Woods,

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

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

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/15/22 10:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS-NE @ 19'	E209041-01A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
BS-NW @ 19'	E209041-02A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
BS-SE @ 19'	E209041-03A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
BS-SW @ 19'	E209041-04A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-S @ 10'	E209041-05A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-S @ 18'	E209041-06A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-E @ 5'	E209041-07A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-E @ 10'	E209041-08A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-E @ 18'	E209041-09A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-W @ 5'	E209041-10A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-W @ 10'	E209041-11A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.
SW-W @ 18'	E209041-12A	Soil	09/08/22	09/12/22	Glass Jar, 4 oz.

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

BS-NE @ 19'

E209041-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	**0.0698**	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	**0.0472**	0.0250	1	09/12/22	09/12/22	
Toluene	**0.267**	0.0250	1	09/12/22	09/12/22	
o-Xylene	**0.0527**	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	**0.120**	0.0500	1	09/12/22	09/12/22	
Total Xylenes	**0.173**	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	**22.4**	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*96.7 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	**30.0**	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

BS-NW @ 19'

E209041-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	ND	0.0250	1	09/12/22	09/12/22	
Toluene	ND	0.0250	1	09/12/22	09/12/22	
o-Xylene	ND	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	**0.0827**	0.0500	1	09/12/22	09/12/22	
Total Xylenes	**0.0827**	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	ND	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

BS-SE @ 19'

E209041-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	ND	0.0250	1	09/12/22	09/12/22	
Toluene	ND	0.0250	1	09/12/22	09/12/22	
o-Xylene	ND	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	**0.0617**	0.0500	1	09/12/22	09/12/22	
Total Xylenes	**0.0617**	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.4 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	ND	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

BS-SW @ 19'

E209041-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	**3.20**	0.500	20	09/12/22	09/13/22	
Ethylbenzene	**3.16**	0.500	20	09/12/22	09/13/22	
Toluene	**18.7**	0.500	20	09/12/22	09/13/22	
o-Xylene	**4.25**	0.500	20	09/12/22	09/13/22	
p,m-Xylene	**19.5**	1.00	20	09/12/22	09/13/22	
Total Xylenes	**23.7**	0.500	20	09/12/22	09/13/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*09/12/22*	*09/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	**1160**	400	20	09/12/22	09/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*09/12/22*	*09/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	**46.4**	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*127 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	ND	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-S @ 10'

E209041-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	ND	0.0250	1	09/12/22	09/12/22	
Toluene	ND	0.0250	1	09/12/22	09/12/22	
o-Xylene	ND	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	ND	0.0500	1	09/12/22	09/12/22	
Total Xylenes	ND	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.6 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	ND	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-S @ 18'

E209041-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	ND	0.0250	1	09/12/22	09/12/22	
Toluene	ND	0.0250	1	09/12/22	09/12/22	
o-Xylene	ND	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	ND	0.0500	1	09/12/22	09/12/22	
Total Xylenes	ND	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.6 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	ND	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-E @ 5'

E209041-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	ND	0.0250	1	09/12/22	09/12/22	
Toluene	ND	0.0250	1	09/12/22	09/12/22	
o-Xylene	ND	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	ND	0.0500	1	09/12/22	09/12/22	
Total Xylenes	ND	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.7 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*99.6 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	**46.7**	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-E @ 10'

E209041-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	ND	0.0250	1	09/12/22	09/12/22	
Toluene	ND	0.0250	1	09/12/22	09/12/22	
o-Xylene	ND	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	ND	0.0500	1	09/12/22	09/12/22	
Total Xylenes	ND	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.2 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	**37.5**	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-E @ 18'

E209041-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	**0.0423**	0.0250	1	09/12/22	09/12/22	
Toluene	**0.0264**	0.0250	1	09/12/22	09/12/22	
o-Xylene	**0.0452**	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	**0.149**	0.0500	1	09/12/22	09/12/22	
Total Xylenes	**0.194**	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	**788**	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-W @ 5'

E209041-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	**0.174**	0.0250	1	09/12/22	09/12/22	
Toluene	**0.0693**	0.0250	1	09/12/22	09/12/22	
o-Xylene	**0.338**	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	**0.485**	0.0500	1	09/12/22	09/12/22	
Total Xylenes	**0.823**	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	**53.6**	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.3 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	**25.8**	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	ND	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-W @ 10'

E209041-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	ND	0.0250	1	09/12/22	09/12/22	
Ethylbenzene	**0.111**	0.0250	1	09/12/22	09/12/22	
Toluene	**0.0255**	0.0250	1	09/12/22	09/12/22	
o-Xylene	**0.170**	0.0250	1	09/12/22	09/12/22	
p,m-Xylene	**0.435**	0.0500	1	09/12/22	09/12/22	
Total Xylenes	**0.605**	0.0250	1	09/12/22	09/12/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	**43.2**	20.0	1	09/12/22	09/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.5 %*	*70-130*	*09/12/22*	*09/12/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	**83.1**	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	**163**	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	ND	20.0	1	09/13/22	09/13/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

SW-W @ 18'

E209041-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Benzene	**0.584**	0.0250	1	09/12/22	09/13/22	
Ethylbenzene	**0.507**	0.0250	1	09/12/22	09/13/22	
Toluene	**2.75**	0.0250	1	09/12/22	09/13/22	
o-Xylene	**1.21**	0.0250	1	09/12/22	09/13/22	
p,m-Xylene	**4.00**	0.0500	1	09/12/22	09/13/22	
Total Xylenes	**5.21**	0.0250	1	09/12/22	09/13/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*09/12/22*	*09/13/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238007
Gasoline Range Organics (C6-C10)	**314**	20.0	1	09/12/22	09/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*09/12/22*	*09/13/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2238013
Diesel Range Organics (C10-C28)	**33.2**	25.0	1	09/12/22	09/14/22	
Oil Range Organics (C28-C36)	**79.3**	50.0	1	09/12/22	09/14/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*09/12/22*	*09/14/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2238024
Chloride	**263**	20.0	1	09/13/22	09/13/22	

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2238007-BLK1)									Prepared: 09/12/22 Analyzed: 09/13/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.98*		*8.00*		*99.7*	*70-130*			
LCS (2238007-BS1)									Prepared: 09/12/22 Analyzed: 09/13/22
Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.16	0.0250	5.00		83.1	70-130			
Toluene	4.41	0.0250	5.00		88.2	70-130			
o-Xylene	4.22	0.0250	5.00		84.5	70-130			
p,m-Xylene	8.43	0.0500	10.0		84.3	70-130			
Total Xylenes	12.7	0.0250	15.0		84.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.96*		*8.00*		*99.5*	*70-130*			
Matrix Spike (2238007-MS1)				**Source: E209041-03**					Prepared: 09/12/22 Analyzed: 09/13/22
Benzene	5.57	0.0250	5.00	ND	111	54-133			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	61-133			
Toluene	4.91	0.0250	5.00	ND	98.3	61-130			
o-Xylene	4.72	0.0250	5.00	ND	94.5	63-131			
p,m-Xylene	9.42	0.0500	10.0	0.0617	93.6	63-131			
Total Xylenes	14.1	0.0250	15.0	0.0617	93.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*100*	*70-130*			
Matrix Spike Dup (2238007-MSD1)				**Source: E209041-03**					Prepared: 09/12/22 Analyzed: 09/13/22
Benzene	5.51	0.0250	5.00	ND	110	54-133	0.995	20	
Ethylbenzene	4.58	0.0250	5.00	ND	91.7	61-133	1.22	20	
Toluene	4.87	0.0250	5.00	ND	97.3	61-130	0.989	20	
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131	1.39	20	
p,m-Xylene	9.29	0.0500	10.0	0.0617	92.3	63-131	1.35	20	
Total Xylenes	14.0	0.0250	15.0	0.0617	92.6	63-131	1.36	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.95*		*8.00*		*99.4*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2238007-BLK1)									Prepared: 09/12/22 Analyzed: 09/13/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.41*		*8.00*		*80.1*	*70-130*			
LCS (2238007-BS2)									Prepared: 09/12/22 Analyzed: 09/13/22
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0		78.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.47*		*8.00*		*80.9*	*70-130*			
Matrix Spike (2238007-MS2)				**Source: E209041-03**					Prepared: 09/12/22 Analyzed: 09/13/22
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.70*		*8.00*		*83.8*	*70-130*			
Matrix Spike Dup (2238007-MSD2)				**Source: E209041-03**					Prepared: 09/12/22 Analyzed: 09/13/22
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130	5.88	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.65*		*8.00*		*83.1*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2238013-BLK1)									Prepared: 09/12/22 Analyzed: 09/14/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.2*		*50.0*		*110*	*50-200*			
LCS (2238013-BS1)									Prepared: 09/12/22 Analyzed: 09/14/22
Diesel Range Organics (C10-C28)	241	25.0	250		96.5	38-132			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*50-200*			
Matrix Spike (2238013-MS1)				**Source: E209041-10**					Prepared: 09/12/22 Analyzed: 09/14/22
Diesel Range Organics (C10-C28)	269	25.0	250	25.8	97.1	38-132			
Surrogate: n-Nonane	*50.3*		*50.0*		*101*	*50-200*			
Matrix Spike Dup (2238013-MSD1)				**Source: E209041-10**					Prepared: 09/12/22 Analyzed: 09/14/22
Diesel Range Organics (C10-C28)	287	25.0	250	25.8	105	38-132	6.67	20	
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*50-200*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	9/15/2022 10:26:49AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2238024-BLK1)									Prepared: 09/13/22 Analyzed: 09/13/22
Chloride	ND	20.0							
LCS (2238024-BS1)									Prepared: 09/13/22 Analyzed: 09/13/22
Chloride	244	20.0	250		97.7	90-110			
LCS Dup (2238024-BSD1)									Prepared: 09/13/22 Analyzed: 09/13/22
Chloride	244	20.0	250		97.7	90-110	0.0205	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

Souder Miller Associates - Carlsbad	Project Name:	Trunk C	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	09/15/22 10:26

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Chain of Custody

STD 5 day

Project Information

Client: Souder, Miller & Associates
Project: Trunk C
Project Manager: Heather Woods
Address: 201 S Halagueno ST
City, State, Zip Carlsbad, NM 88220
Phone:
Email:
Report due by:

Bill To
Attention: Enterprise
Address:
City, State, Zip
Phone:
Email:
PO 325484

Lab Use Only
Lab WO# PE209041
Job Number 97057-0001

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM (X) | CO | UT | AZ | TX | OK

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM	BGDOC - TX			Remarks
0808	9/8/22	Soil	1	BS - NE @ 19'	1													
0748	9/8/22	Soil	1	BS - NW @ 19'	2													
0800	9/8/22	Soil	1	BS - SE @ 19'	3													
0748	9/8/22	Soil	1	BS - SW @ 19'	4													
0754	9/8/22	Soil	1	SW - S @ 10'	5													
0753	9/8/22	Soil	1	SW - S @ 18'	6													
0811	9/8/22	Soil	1	~~SW - E @ 5'~~ SW - E @ 5'	7													
0810	9/8/22	Soil	1	SW - E @ 10'	8													
0809	9/8/22	Soil	1	SW - E @ 18'	9													
0756	9/8/22	Soil	1	SW - W @ 5'	10													

Additional Instructions: please send the report to Sarahmay Schlea, Georgeann Goodman & Heather Woods

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: Sarahmay Schlea

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	Time	Received by: (Signature)	Date	Time
	9/8/22	1715		9-9-22	10:37
	9-9-22	4:15		9-9-22	11:15
	9-9-22	18:40		9/12/22	8:40

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

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

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

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

Chain of Custody

Project Information

STD 5 day

Client:	Souder Miller & Associates
Project:	Trunk C
Project Manager:	Heather Woods
Address:	200 S Halagueno St
City, State, Zip	Carlsbad, NM 88220
Phone:	
Email:	
Report due by:	

Bill To

Attention:	Enterprise
Address:	
City, State, Zip	
Phone:	
Email:	
	PO 325484

Lab Use Only

Lab WO#	Job Number
PE209041	97057-0001

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

TX | OK

Analysis and Method

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	BGDOC - TX	Remarks
0755	9/8/22	Soil	1	SW-W @ 10'	11							X		
0752	9/8/22	Soil	1	SW-W @ 18'	12							X		

Additional Instructions: Please send the report to Sarahmay Schlea, Gerrseann Gadman, & Heather Woods

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: Sarahmay Schlea

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

	Date	Time		Date	Time
Relinquished by: (Signature)	9/8/22	1715	Received by: (Signature)	9-9-22	10:22
Relinquished by: (Signature)	9-9-22	4:11	Received by: (Signature)	9-9-22	11:05
Relinquished by: (Signature)	9-9-22	18:40	Received by: (Signature)	9/12/22	8:40

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

Envirotech Analytical Laboratory

Printed: 9/12/2022 12:42:09PM

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:	Souder Miller Associates - Carlsbad	Date Received:	09/12/22 08:40	Work Order ID:	E209041
Phone:	(575) 200-5443	Date Logged In:	09/12/22 09:21	Logged In By:	Caitlin Christian
Email:		Due Date:	09/16/22 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
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?	No

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 filteration 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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 192388

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 192388
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please include the results of the borehole being drilled to 101' in the closure report. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH.	3/2/2023