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	NAPP2229125179
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: Robert Dunaway Title: Senior Environmental Engineer

Signature: R. Dunaway Date: 12/30/22

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

Form C-141 State of New Mexico
Page 2 Oil Conservation Division

Incident ID	NAPP2229125179
District RP	
Facility ID	
Application ID	

OCD Only

Received by: Jocelyn Harimon Date: 12/30/2022

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

Closure Approved by: Robert Hamlet Date: 4/6/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I
1625 N. French Dr., Hobbs, NM 88240
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Printed Name: Robert Dunaway Title: Senior Environmental Engineer

Signature: R. Dunaway Date: 12/30/22

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

Form C-141 State of New Mexico
Page 2 Oil Conservation Division

Incident ID	NAPP2229125179
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OCD Only

Received by: Jocelyn Harimon Date: 12/30/2022

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

December 29, 2022

#5E31002-BG24

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

SUBJECT: Remediation Closure Report for the A-9 Lateral Pipeline Release (nAPP2229125179), Eddy County, New Mexico

1.0 Executive Summary

On behalf of Enterprise Field Services LLC (Enterprise), Souder, Miller & Associates (SMA) has prepared this Remediation Closure Report that describes the remediation of a natural gas and condensate release related to gas gathering activities at the A-9 Lateral Pipeline Release (nAPP2229125179). The release site is located in Unit N, Section 09, Township 24S, Range 24E, Eddy County, New Mexico, on public land administered by the Bureau of Land Management (BLM). Figure 1 illustrates the vicinity and site location on a United States Geological Survey (USGS) 7.5-minute quadrangle map.

This report demonstrates that the release area has been remediated to meet the standards of Table I of 19.15.29.12 New Mexico Administrative Code (NMAC). The information provided in this report is intended to fulfill final New Mexico Oil Conservation Division (NMOCD) closure requirements.

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.

SMA recommends no further action and requests that the release associated with the A-9 Pipeline Release (nAPP2229125179) be closed.

Table 1: Release Information and Closure Criteria			
Name	A-9 Lateral Pipeline Release	Company	Enterprise Field Services LLC
API Number	N/A	Location	32.22639, -104.50444
Incident Number	nAPP2229125179	Date Release Discovered	October 17, 2022
Land Status	Federal (BLM)	Reported To	NMOCD District II
Source of Release	Leak on a gathering pipeline		
Nature and Volume of Release	2 barrels (bbl) Condensate 124 Mcf Natural Gas	Volume Recovered	0 bbl Condensate 0 Mcf Natural Gas
NMOCD Closure Criteria	<50 feet per Table 1 of 19.15.29.12 NMAC		
SMA Response Dates	November 1, 9, 14, and 23, 2022		

2.0 Background

On October 17, 2022, a natural gas and condensate release was discovered at the A-9 Pipeline Release site. Initial response activities were conducted by Enterprise, and included source elimination and site security, containment, and site stabilization activities. Figure 1 illustrates the vicinity and site location; Figure 2 illustrates the release location. A copy of the initial C-141 form is included in Appendix A.

3.0 Site Information and Closure Criteria

The A-9 Pipeline Release site is located approximately 20 miles southwest of Carlsbad, New Mexico on public land administered by the BLM at an elevation of approximately 4,038 feet above mean sea level (amsl).

Depth to Groundwater and Wellhead Protection Area

A search of the New Mexico Office of the State Engineer (OSE) New Mexico Water Rights Reporting System (NMWRRS) and the USGS National Water Information System reported two wells within a ½-mile of the site. The well log for C-02247 indicates a depth to groundwater of 115 feet bgs. No depth to groundwater information was available for the second well, C-01505. Well documentation is included in Appendix B.

Distance to Nearest Significant Watercourse

The nearest significant watercourse is the wash of Dark Canyon, located approximately 373 feet to the east as illustrated on Figures 1 and 2.

Closure Criteria

Table 2 demonstrates the Closure Criteria applicable to this location. Figures 1 and 2 illustrate the 200 and 300-foot radii which indicate that the site does lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 NMAC as the site is located within a high karst area.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of less than 50 feet bgs.

4.0 Release Characterization and Remediation Activities

On November 9, 2022, following pipeline repair and excavation activities, SMA personnel performed closure confirmation sampling.

Fourteen composite confirmation samples were collected from the 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 C.

Soil samples were field screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. Field notes are included in Appendix D.

Based on laboratory analytical results indicating area of residual impact above NMOCD Closure Criteria, additional excavation was performed and confirmation samples were collected from the extended sidewalls and base areas on November 23, 2022.

The final remedial excavation measured at the greatest extents approximately 43 feet by 23 feet by 34 feet with depths ranging from 10 to 15 feet.

Copies of confirmation sampling notifications are included in Appendix A. Excavation extents and closure confirmation sample locations are depicted on Figure 3. A photo log is included in Appendix D. Confirmation laboratory results are summarized in Table 3. Laboratory analytical reports are included in Appendix E.

5.0 Recommendations

As demonstrated in Table 3, all closure confirmation samples meet NMOCD Closure Criteria. The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC.

Excavated soils were removed and replaced with clean backfill material to return the surface to previous contours. All excavated soil was transported and disposed of at Lea Land LLC, Hobbs, New Mexico, an NMOCD-permitted disposal facility.

SMA recommends no further action and requests closure of Incident Number nAPP2229125179.

6.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation guidance; and preparing this report. 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

Georgeann Goodman
Environmental Tech II

Reviewed by:

Heather M. Woods, P.G.
Project Geoscientist

REFERENCES:

New Mexico Office of the State Engineer (NMOSE) online water well database
https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 12/29/2022

USGS National Water Information System: Web Interface online water well database
https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=321205103544701&agency_cd=USGS&format=html; accessed 12/29/2022

ATTACHMENTS:

Figures:

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

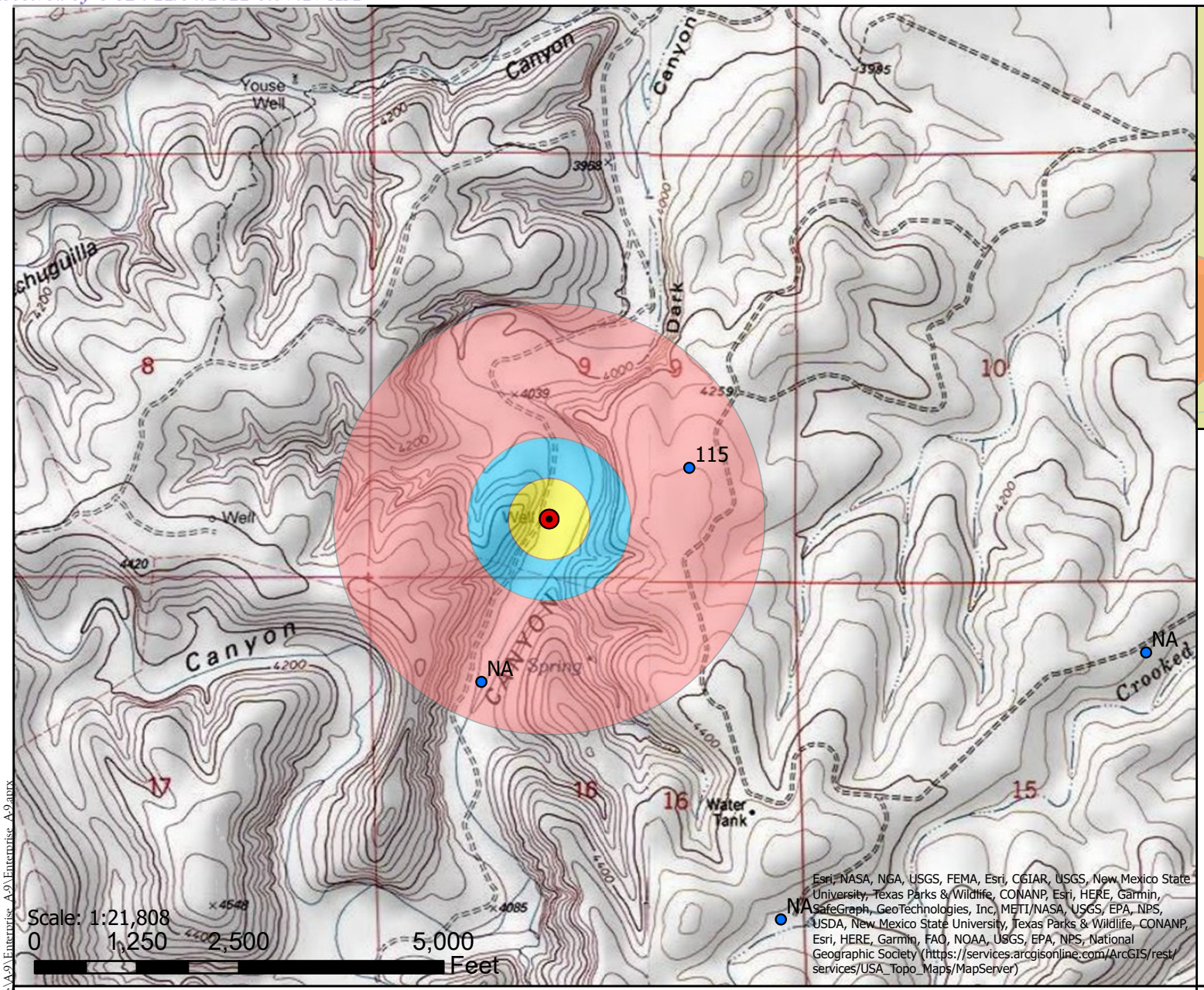
Tables:

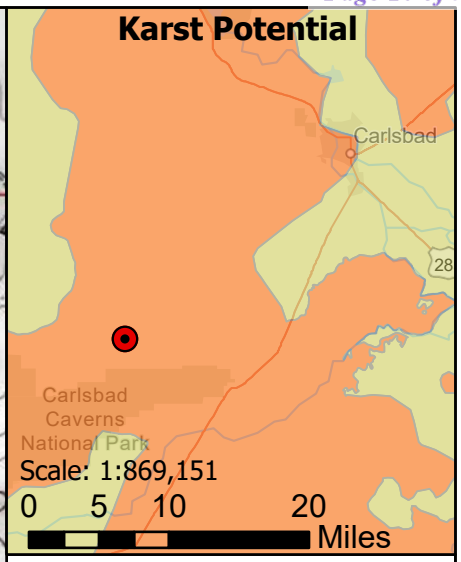
Table 2: NMOCD Closure Criteria
Table 3: Summary of Laboratory Analytical Results

Appendices:

Appendix A: Form C-141 and Correspondence
Appendix B: Water Well Data
Appendix C: Sampling Protocol
Appendix D: Field Notes and Photo Log
Appendix E: Laboratory Analytical Reports

FIGURES





Legend

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

Buffer Distance

- 500 feet
- 1000 feet
- 0.5 mile

Karst Potential

- High
- Medium
- Low

N

Point of Release Coordinates
104.50444W 32.22639N

Topographic Site Map
A-9 Lateral Pipeline Release- Enterprise Field Services, LLC
UL:N S:09 T: 4S R:24E, Eddy County, New Mexico

Figure 1

C:\Users\ss\Desktop\GIS\Enterprise\A-9\Enterprise_A-9.aprx
Date Saved: 10/25/2022

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

Drawn Sarahmay Schlea
Date 11/2/2022
Checked
Approved

SMA
Souder, Miller & Associates
Engineering • Environmental
Geomatics

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Carlsbad, New Mexico 88221
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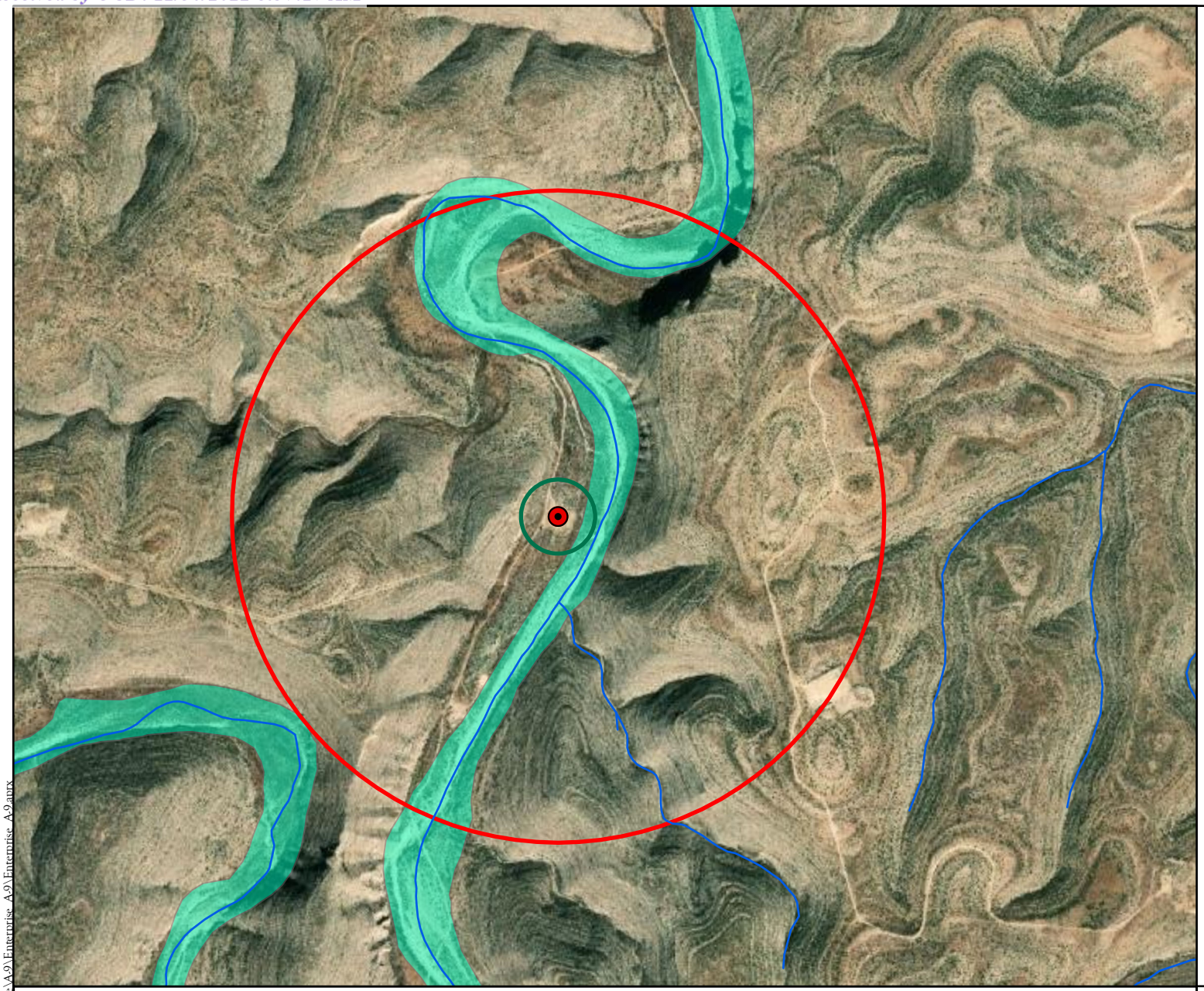

Legend

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

0 500 1,000 2,000

Feet

Scale: 1:14,430

N

Point of Release Coordinates
104.50444W 32.22639N

Aerial Site Map
A-9 Lateral Pipeline Release- Enterprise Field Services, LLC
UL:N S:09 T:24S R:24E, Eddy County, New Mexico

Figure 2

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Date Saved: 10/25/2022

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

Drawn Sarahmay Schlea
Date 11/2/2022
Checked
Approved

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Legend

- Point of Release
- Enterprise Pipeline
- Sidewall Samples
- Excavation Area

0 5 10 20

Feet

Scale: 1:116

N

Point of Release Coordinates
104.50444W 32.22639N

Site and Sample Location Map
A-9 Lateral Pipeline Release- Enterprise Field Services, LLC
UL:N S:09 T:24S R:24E, Eddy County, New Mexico

Figure 3

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Date Saved: 12/14/2022

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

Drawn Sarahmay Schlea
Date 12/14/2022
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TABLES

Table 2:
NMOCD Closure Criteria

Enterprise Field Services
A-9 Lateral
nAPP2229125179

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)		Source/Notes
Depth to Groundwater (feet bgs)	No Data	NMOSE and USGS Water Well Data
Hortizontal Distance From All Water Sources Within 1/2 Mile	1,680 ft	NMOSE and USGS Water Well Data
Hortizontal Distance to Nearest Significant Watercourse	373 ft	USGS 7.5-minute Quadrangle Map

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		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?	**yes**					
within a 100-year floodplain?	no					

Table 3:
Summary of Laboratory Analytical Results

Enterprise Field Services
A-9 Lateral
nAPP2229125179

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									
SW1	11/9/2022	0 to 15	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SW2	11/9/2022	0 to 15	<0.100	<0.0250	<20.0	**25.2**	<50.0	**25.2**	<20.0
SW3	11/23/2022	0 to 10	**0.0475**	<0.0250	<20.0	<25.0	<50.0	<95.0	**130**
SW4	11/23/2022	0 to 7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		7.5 to 15	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	**198**
SW5	11/9/2022	0 to 5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		5 to 10	**0.177**	<0.0250	<20.0	**36.1**	<50.0	**36.1**	**456**
SW6	11/9/2022	0 to 4	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		4 to 8	**0.0707**	<0.0250	<20.0	**43.2**	<50.0	**43.2**	**73.1**
SW7	11/23/2022	0 to 14	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SW8	11/9/2022	0 to 10	<0.100	<0.0250	<20.0	**56.3**	<50.0	**56.3**	<20.0
BS01	11/23/2022	14	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	**271**
BS02	11/9/2022	15	**0.0274**	<0.0250	<20.0	**37.6**	<50.0	**37.6**	**66.9**
BS03	11/23/2022	10	<0.100	<0.0250	<20.0	**36.9**	<50.0	**36.9**	<20.0
Samples Removed by Excavation									
SW3	11/9/2022	0 to 8	**0.338**	<0.0250	<20.0	**413**	**176**	**589**	**73.9**
SW4	11/9/2022	0 to 7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
		7.5 to 15	**1.59**	<0.0250	**27.0**	**303**	<50.0	**330**	**451**
SW7	11/9/2022	0 to 10	**0.234**	<0.0250	<20.0	**154**	<50.0	**154**	**24.7**
BS01	11/9/2022	10	**0.214**	<0.0250	<20.0	**196**	<50.0	**196**	**145**
BS03	11/9/2022	8	**0.902**	<0.0250	**22.5**	**77.4**	<50.0	**99.9**	**38.7**

APPENDIX A

FORM C-141 AND

CORRESPONDENCE

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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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	
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)*	nAPP2229125179
Contact mailing address	PO Box 4324, Houston, TX 77210		

Location of Release Source

Latitude 32.22638889 Longitude -104.5044444
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	A-9 Lateral	Site Type	Gathering Pipeline
Date Release Discovered	10/17/2022	API# *(if applicable)*	

Unit Letter	Section	Township	Range	County
N	09	24S	24E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☒ Condensate	Volume Released (bbls) 2	Volume Recovered (bbls) -0-
☒ Natural Gas	Volume Released (Mcf) 124	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.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
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: 10/18/22

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

OCD Only

Received by: Date:

Hours of leak	1	
Diameter of hole (inches)	0.025	
Line Pressure at Leak	846	Hourly
Volume of Gas Leaked	**0.54**	

Calculations:

Volume of Gas Leaked (MSCF) = Diameter*Diameter*(Upstream Gauge Pr

****Reference: Pipeline Rules of Thumb Handbook, 3rd Edition, McAllister. P**

Footage of Pipe blowndown	14,203	
Initial line pressure	551	
Diameter of Pipe (inches)	6	
Volume of Gas Blown Down	**124.3470**	MSCF

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: 151505
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	10/18/2022

Heather Woods

From: Heather Woods
Sent: Monday, November 7, 2022 8:29 AM
To: ocd.enviro@emnrd.nm.gov
Cc: rhdunaway@eprod.com; Sarahmay Schlea; Georgeann Goodman
Subject: Confirmation Sampling Notification A-9 Lateral (nAPP2229125179)

Good Morning,

Souder, Miller & Associates will be onsite to collect confirmation samples at the Enterprise A-9 Lateral release (nAPP2229125179) located at 32.22638889, -104.5044444 on Wednesday, November 9th beginning at 8:30am.

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)
Heather.Woods@soudermiller.com
www.soudermiller.com

Heather Woods

From: Heather Woods
Sent: Monday, November 21, 2022 9:47 AM
To: ocd.enviro@emnrd.nm.gov
Cc: rhdunaway@eprod.com; Sarahmay Schlea; Georgeann Goodman
Subject: Confirmation Sampling Notification A-9 Lateral (nAPP2229125179)

Good Morning,

Souder, Miller & Associates will be onsite to collect confirmation samples at the Enterprise A-9 Lateral release (nAPP2229125179) located at 32.22638889, -104.5044444 on Wednesday, November 23rd beginning at 11:00am.

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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APPENDIX B

WATER WELL DATA

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	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02247	C	ED			4	09	24S	24E	547215	3565831*	300	115	185

Average Depth to Water: **115 feet**

Minimum Depth: **115 feet**

Maximum Depth: **115 feet**

Record Count: 1

PLSS Search:

Section(s): 3, 4, 5, 8, 9, 10, 15, 16, 17 **Township:** 24S **Range:** 24E

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

57

Revised June 1972

469285

Tm 194442

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

'92 APR 24 AM 10 57
STATE ENGINEER OFFICE
SANTA FE NEW MEXICO

(A) Owner of well X Bar Ranch Bob Forest Owner's Well No.
Street or Post Office Address 414 S. Canal
City and State Carlsbad, N.M. 88220

Well was drilled under Permit No. C2247 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ SE ¼ of Section 9 Township 24S Range 23E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in Eddy County.

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

(B) Drilling Contractor Campbell Drilling License No. WD-1259

Address 10 W. Blevins Artesia, N.M. 88210

Drilling Began 3/20/92 Completed 4/4/92 Type tools Cable Size of hole 8" in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 300 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 115 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
172	175	3	Brown broken lime	5 gallons per hour
217	218	1	Brown broken lime	8 gp hour
286	290	4	Brown broken lime	10 gp hour
293	297	4	Brown broken lime	5gpm

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
8 5/8	28		0	25	25	gravel string	0	0
5"		pvc	0	200		collar	150	200

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

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

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

FOR USE OF STATE ENGINEER ONLY 24S 23E 9 42413

Date Received 04-14-92

Quad ____ FWL ____ FSL ____

File No. C-2247 Use Stock Location No. 24S.23E.9.42413

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	23	23	Boulder & shelf rock
23	50	27	Pink lime & red rock
50	100	50	Red rock & sand
100	140	40	Brown lime
140	165	25	Brown & gray sandy lime
165	182	17	Brown lime drilling break 172-175 water
182	203	21	Brown lime
203	224	21	Pink sandy lime drilling break 217-218
224	256	32	Brown & tan lime
256	271	15	Brown broken lime increase in water
271	297	26	Brown coarse lime break(286-290-293-297)
297	300	3	Brown lime

'92 APR 14 AM 10 50
STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

'92 APR 10 AM 10 39
STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

Section 7. REMARKS AND ADDITIONAL INFORMATION

Possibly very small increase in water

256-271

286-297 sulfur odor

Ran 200 ft. 5" pvc cement top joint

open hole 200-300

Well drilled tight

Total drilling hours 125 hours

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

Mike Campbell
Driller

INSTRUCTIONS: This form should be [redacted]ated in triplicate, preferably typewritten, a[redacted]itted to the appropriate district office of the State Engineer. All sections, e[redacted]ection 5, shall be answered as completely a[redacted]ccurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed

APPENDIX C

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 analyzed 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 D

FIELD NOTES AND

PHOTO LOG

SMA FIELD SCREENING

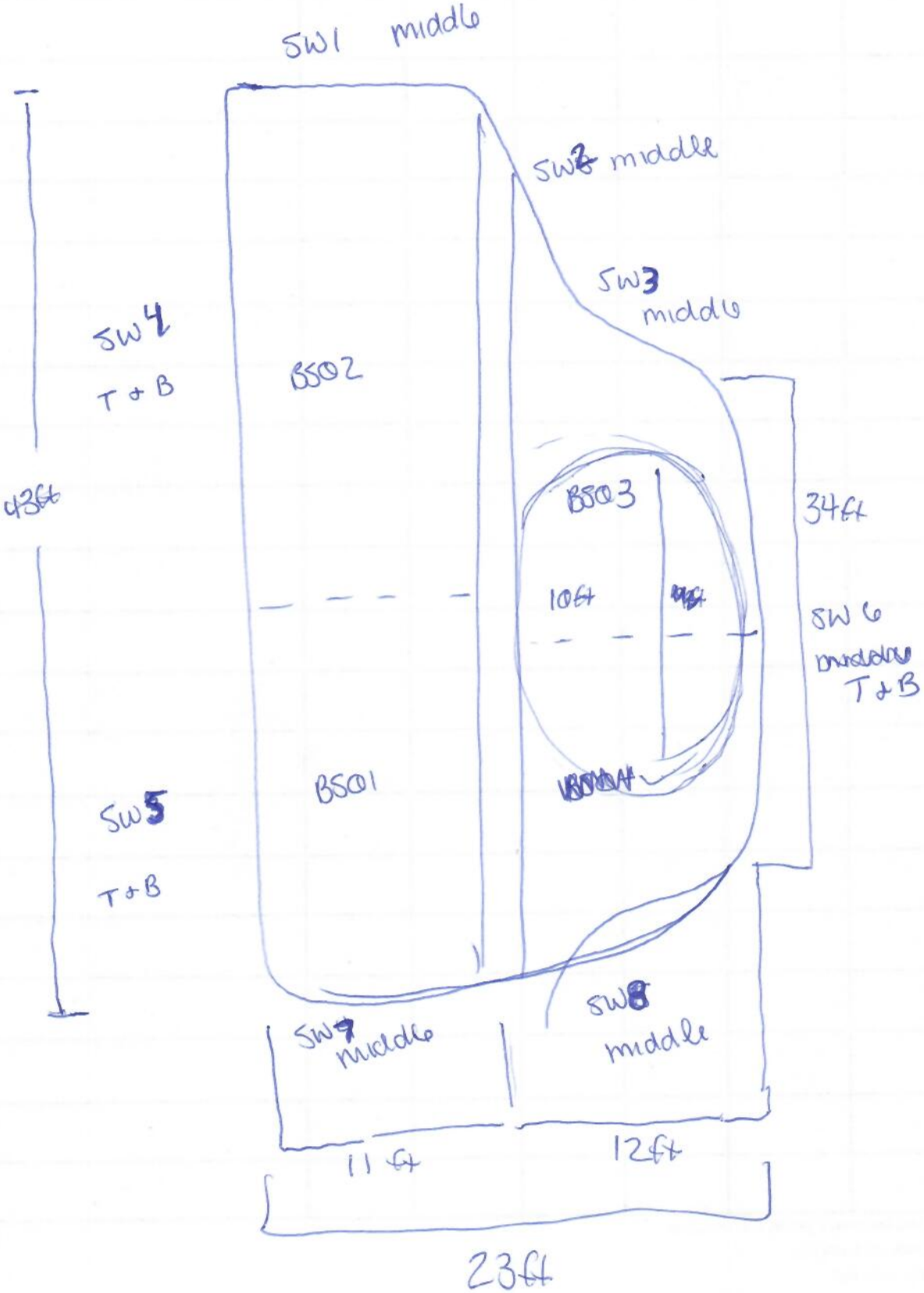
LOCATION NAME: Enterprise A-9 SAMPLING DATE: November 1, 2022

SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
East Base	1100	118				changed name to BSE
West Base	1105	210				changed name to BSW
SW NE	1112	18.9				
SW NW	1114	339				
SW SE	1116	1.5				
SWSW	1118	15.9				
SWWT	1120	1.7				
SWE	1121	2.2				
BSE @ 8	1130	56.6				BSE became BS03
BSW @ 8	1135	458				BSW became BSNW & BSSW
BSW @ 9	1139	770				↳which became
BSW @ 10	1144	337				BS01 and BS02 respectively.
BSW @ 11	1147	361				
BSW @ 12	1155	114.8				
BSW @ 13	1158	46.4				
SWW B	1245	5.2				
BSNW	1302	797				
SWNW	1304	93.2				
SWNW	1311	174				
BSNW	1313	1112				

soil color: light, dark, tan, brown, yellow, red, olive, gray
soil type: gravel, rock, sand, silty, clay
mositure level: dry, moist, wet

20 rows/sheet

BSNW	1329	4.2				


SW1 middle
SW2 middle
SW3 middle
SW4 T & B
SW5 T & B
SW6 middle T & B
SW7 middle
SW8 middle
BS02
BS03
BS01
43ft
34ft
10ft
11ft
12ft
23ft

SMA FIELD SCREENING

LOCATION NAME: Enterprise A-9 Lateral SAMPLING DATE: November 9, 2022

SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
BS02@15'	0925					
SW1	0930					
SW4@0-7.5	0932					
SW4@7.5-15	0934					
SW2	0934					
SW3	0938					
BS01@10	0946					
SW6@0-4	0950					
SW6@4-8	0952					
SW7	0954					
SW8	0956					
SW5@0-5	1000					
SW5@5-10	1002					

soil color: light, dark, tan, brown, yellow, red, olive, gray
soil type: gravel, rock, sand, silty, clay
mositure level: dry, moist, wet

20 rows/sheet

SMA FIELD SCREENING

LOCATION NAME: Enterprise A-9 SAMPLING DATE: November 23, 2022

SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
BS03@10	1152					
SW7	1204					
BS01@14	1214					
SW3	1222					
SW4@7.5-15	1226					
SW4@0-7.5	1227					

soil color: light, dark, tan, brown, yellow, red, olive, gray
soil type: gravel, rock, sand, silty, clay
mositure level: dry, moist, wet

20 rows/sheet

Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

Photograph #1	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 01, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing north, view of the main excavation area, represented by confirmation samples BS01, BS03, SW1, SW2, and SW3 as sampled on November 9, 2022.

Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

Photograph #2	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 01, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing east, view of the excavation area, represented by confirmation samples BS03 and SW6 as sampled on November 9, 2022.

Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

Photograph #3	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 01, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing south, view of the main excavation area, represented by confirmation samples BS01, BS02, BS03, SW7, and SW8 as sampled on November 9, 2022

Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

Photograph #4	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 01, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing southwest, view of the main excavation area, represented by confirmation samples SW4 and SW5 as sampled on November 9, 2022

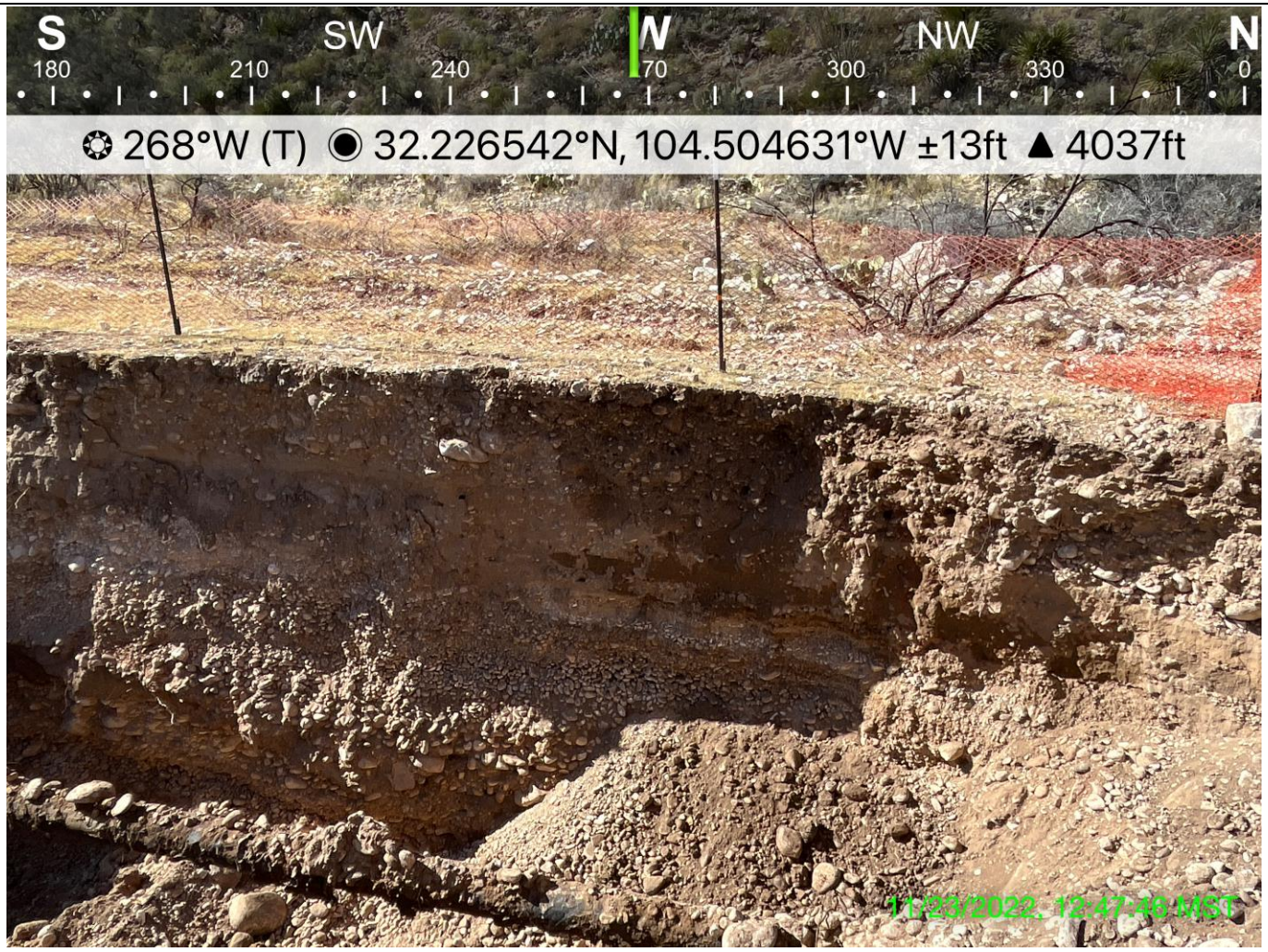
Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

Photograph #5	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 14, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Georgeann Goodman	Description: Facing south, view of the main excavation area.

Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

Photograph #6	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 23, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing southeast, view of confirmation samples BS02, BS01, SW7, and SW8.

Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

Photograph #7	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 23, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing west, view of confirmation sample SW4.

Photograph Log
A-9 Lateral Pipeline Release
Enterprise Field Services

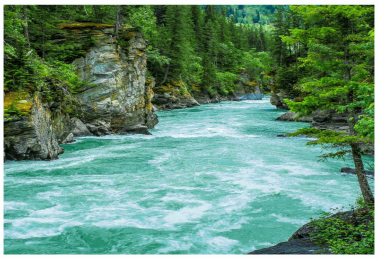
Photograph #8	
Client: Enterprise Field Services	
Site Name: A-9 Lateral Pipeline Release	
Date Photo Taken: November 23, 2022	
Release Location: N32.22639, W104.50444 N-S09-T24S-R24E Eddy County, New Mexico	
Photo Taken by: Sarahmay Schlea	Description: Facing east, view of confirmation samples BS03, SW6 and SW3.

APPENDIX E

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: A-9

Work Order: E211067

Job Number: 97057-0001

Received: 11/11/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/17/22

Date Reported: 11/17/22

Heather Woods
201 S Halagueno St.
Carlsbad, NM 88220

Project Name: A-9
Workorder: E211067
Date Received: 11/11/2022 10:45:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/11/2022 10:45:00AM, under the Project Name: A-9.

The analytical test results summarized in this report with the Project Name: A-9 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:

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Technical Representative/Client Services
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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

Table of Contents (continued)

Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	A-9	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/22 16:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1	E211067-01A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW2	E211067-02A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW3	E211067-03A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW4 @ 0 - 7.5	E211067-04A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW4 @ 7.5 - 15	E211067-05A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW5 @ 0 - 5	E211067-06A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW5 @ 5 - 10	E211067-07A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW6 @ 0 - 4	E211067-08A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW6 @ 4 - 8	E211067-09A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW7	E211067-10A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
SW8	E211067-11A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
BS01 @ 10	E211067-12A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
BS02 @ 15	E211067-13A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
BS03 @ 8'	E211067-14A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW1

E211067-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*95.4 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	ND	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW2

E211067-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**25.2**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	ND	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW3

E211067-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.0730**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.265**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.338**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.7 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**413**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	**176**	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**73.9**	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW4 @ 0 - 7.5

E211067-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	ND	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW4 @ 7.5 - 15

E211067-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	**0.225**	0.0250	1	11/11/22	11/15/22	
Toluene	**0.179**	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.369**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.823**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**1.19**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	**27.0**	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.6 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**303**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**451**	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW5 @ 0 - 5

E211067-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	ND	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW5 @ 5 - 10

E211067-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/17/22	
Ethylbenzene	**0.0562**	0.0250	1	11/11/22	11/17/22	
Toluene	ND	0.0250	1	11/11/22	11/17/22	
o-Xylene	**0.0530**	0.0250	1	11/11/22	11/17/22	
p,m-Xylene	**0.0675**	0.0500	1	11/11/22	11/17/22	
Total Xylenes	**0.121**	0.0250	1	11/11/22	11/17/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/11/22*	*11/17/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/17/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*11/11/22*	*11/17/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**36.1**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**456**	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW6 @ 0 - 4

E211067-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	ND	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW6 @ 4 - 8

E211067-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	**0.0352**	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.0355**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.0355**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**43.2**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**73.1**	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW7

E211067-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.0462**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.187**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.234**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.7 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**154**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**24.7**	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

SW8

E211067-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	ND	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**56.3**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	ND	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

BS01 @ 10

E211067-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.0460**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.168**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.214**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.2 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**196**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**145**	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

BS02 @ 15

E211067-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.0274**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.0274**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.6 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**37.6**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**66.9**	20.0	1	11/11/22	11/16/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

BS03 @ 8'

E211067-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Benzene	ND	0.0250	1	11/11/22	11/15/22	
Ethylbenzene	**0.451**	0.0250	1	11/11/22	11/15/22	
Toluene	**0.0325**	0.0250	1	11/11/22	11/15/22	
o-Xylene	**0.183**	0.0250	1	11/11/22	11/15/22	
p,m-Xylene	**0.235**	0.0500	1	11/11/22	11/15/22	
Total Xylenes	**0.418**	0.0250	1	11/11/22	11/15/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246078
Gasoline Range Organics (C6-C10)	**22.5**	20.0	1	11/11/22	11/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.0 %*	*70-130*	*11/11/22*	*11/15/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2247018
Diesel Range Organics (C10-C28)	**77.4**	25.0	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/22	11/16/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*11/15/22*	*11/16/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2246090
Chloride	**38.7**	20.0	1	11/11/22	11/16/22	

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

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 (2246078-BLK1)									Prepared: 11/11/22 Analyzed: 11/15/22
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	*8.13*		*8.00*		*102*	*70-130*			
LCS (2246078-BS1)									Prepared: 11/11/22 Analyzed: 11/15/22
Benzene	4.75	0.0250	5.00		95.0	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.2	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	5.00	0.0250	5.00		99.9	70-130			
p,m-Xylene	9.84	0.0500	10.0		98.4	70-130			
Total Xylenes	14.8	0.0250	15.0		98.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.21*		*8.00*		*103*	*70-130*			
Matrix Spike (2246078-MS1)				**Source: E211067-03**					Prepared: 11/11/22 Analyzed: 11/17/22
Benzene	5.34	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.32	0.0250	5.00	ND	106	61-133			
Toluene	5.39	0.0250	5.00	ND	108	61-130			
o-Xylene	5.47	0.0250	5.00	0.0730	108	63-131			
p,m-Xylene	10.7	0.0500	10.0	0.265	104	63-131			
Total Xylenes	16.2	0.0250	15.0	0.338	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.31*		*8.00*		*104*	*70-130*			
Matrix Spike Dup (2246078-MSD1)				**Source: E211067-03**					Prepared: 11/11/22 Analyzed: 11/15/22
Benzene	4.72	0.0250	5.00	ND	94.5	54-133	12.3	20	
Ethylbenzene	5.00	0.0250	5.00	ND	99.9	61-133	6.29	20	
Toluene	4.98	0.0250	5.00	ND	99.5	61-130	7.94	20	
o-Xylene	5.18	0.0250	5.00	0.0730	102	63-131	5.52	20	
p,m-Xylene	10.0	0.0500	10.0	0.265	97.6	63-131	6.57	20	
Total Xylenes	15.2	0.0250	15.0	0.338	99.1	63-131	6.21	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.76*		*8.00*		*109*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

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 (2246078-BLK1)									Prepared: 11/11/22 Analyzed: 11/15/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.71*		*8.00*		*96.4*	*70-130*			
LCS (2246078-BS2)									Prepared: 11/11/22 Analyzed: 11/15/22
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*70-130*			
Matrix Spike (2246078-MS2)				**Source: E211067-03**					Prepared: 11/11/22 Analyzed: 11/15/22
Gasoline Range Organics (C6-C10)	58.6	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.63*		*8.00*		*95.4*	*70-130*			
Matrix Spike Dup (2246078-MSD2)				**Source: E211067-03**					Prepared: 11/11/22 Analyzed: 11/15/22
Gasoline Range Organics (C6-C10)	70.6	20.0	50.0	ND	141	70-130	18.7	20	M6
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.91*		*8.00*		*98.9*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

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 (2247018-BLK1)									Prepared: 11/15/22 Analyzed: 11/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*50-200*			
LCS (2247018-BS1)									Prepared: 11/15/22 Analyzed: 11/16/22
Diesel Range Organics (C10-C28)	238	25.0	250		95.2	38-132			
Surrogate: n-Nonane	*44.5*		*50.0*		*89.0*	*50-200*			
Matrix Spike (2247018-MS1)				**Source: E211067-07**					Prepared: 11/15/22 Analyzed: 11/16/22
Diesel Range Organics (C10-C28)	254	25.0	250	36.1	87.0	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike Dup (2247018-MSD1)				**Source: E211067-07**					Prepared: 11/15/22 Analyzed: 11/16/22
Diesel Range Organics (C10-C28)	263	25.0	250	36.1	90.6	38-132	3.54	20	
Surrogate: n-Nonane	*47.1*		*50.0*		*94.2*	*50-200*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/2022 4:20:35PM

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 (2246090-BLK1)									Prepared: 11/11/22 Analyzed: 11/16/22
Chloride	ND	20.0							
LCS (2246090-BS1)									Prepared: 11/11/22 Analyzed: 11/16/22
Chloride	268	20.0	250		107	90-110			
Matrix Spike (2246090-MS1)				**Source: E211067-03**					Prepared: 11/11/22 Analyzed: 11/16/22
Chloride	329	20.0	250	73.9	102	80-120			
Matrix Spike Dup (2246090-MSD1)				**Source: E211067-03**					Prepared: 11/11/22 Analyzed: 11/16/22
Chloride	327	20.0	250	73.9	101	80-120	0.658	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:	A-9	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/17/22 16:20

M6	Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
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:	H-9
Project Manager:	Heather Woods
Address:	201 S Halagueno
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# PE2110467 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
0930	11/9	Soil	1	SW1	1							X		
0936	11/9	S	1	SW2	2							X		
0938	11/9	S	1	SW3	3							X		
0932	11/9	S	1	SW4@ 0-7.5	4							X		
0934	11/9	S	1	SW4@ 7.5-15	5							X		
1000	11/9	S	1	SW5@ 0-5	6							X		
1002	11/9	S	1	SW5@ 5-10	7							X		
0950	11/9	S	1	SW6@ 0-4	8							X		
0952	11/9	S	1	SW6@ 4-8	9							X		
0954	11/9	S	1	SW7	10							X		

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

	Date	Time		Date	Time
Relinquished by: (Signature)	11/10/22	730	Received by: (Signature)	11-10-22	3:3
Relinquished by: (Signature)	11-10-22	4:15	Received by: (Signature)	11/11/22	10:45
Relinquished by: (Signature)			Received by: (Signature)		

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.

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Chain of Custody

Project Information

STD 5 day

Client:	Souder Miller & Associates
Project:	A-9
Project Manager:	Heather Woods
Address:	201 S Halagueno
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
PE211067	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
0956	11/9	Soil	1	SW8	11									X				
0946	11/9	S	1	BS01@10	12									X				
0925	11/9	S	1	BS02@15	13									X				

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

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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)	11/10/22	730	Received by: (Signature)	11-10-22	3:32
Relinquished by: (Signature)	11-10-22	4:10	Received by: (Signature)	11/11/22	10:45
Relinquished by: (Signature)			Received by: (Signature)		

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.

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Envirotech Analytical Laboratory

Printed: 11/11/2022 2:04:59PM

Sample Receipt Checklist (SRC)

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

Client:	Souder Miller Associates - Carlsbad	Date Received:	11/11/22 10:45	Work Order ID:	E211067
Phone:	(575) 200-5443	Date Logged In:	11/11/22 11:09	Logged In By:	Caitlin Christian
Email:		Due Date:	11/17/22 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	No	
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	

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

Comments/Resolution

Received sample BS03 @ 8. Client asked to add sample to COC.

Client Instruction

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

Date

envirotech Inc.

Chain of Custody

Project Information

STD 5 day

Client:	Souder Miller & Associates
Project:	A-9
Project Manager:	Heather Woods
Address:	201 S Halagueno
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	TAT 1D	TAT 3D
PE2110467	97057-0001		

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
0930	11/9	Soil	1	SW1	1							X		
0926	11/9	S	1	SW2	2							X		
0938	11/9	S	1	SW3	3							X		
0932	11/9	S	1	SW4@0-7.5	4							X		
0934	11/9	S	1	SW4@7.5-15	5							X		
1000	11/9	S	1	SW5@0-5	6							X		
1002	11/9	S	1	SW5@5-10	7							X		
0950	11/9	S	1	SW6@0-4	8							X		
0952	11/9	S	1	SW6@4-8	9							X		
0954	11/9	S	1	SW7	10							X		

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

	Date	Time		Date	Time
Relinquished by: (Signature)	11/10/22	730	Received by: (Signature)	11-10-22	3:3
Relinquished by: (Signature)	11-10-22	4:15	Received by: (Signature)	11/11/22	10:45
Relinquished by: (Signature)			Received by: (Signature)		

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.

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Chain of Custody

STD 5 day

Project Information

Client:	Souder Miller & Associates
Project:	A-9
Project Manager:	Heather Woods
Address:	201 S Halagueno
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# PE211067 — 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
0956	11/9	Soil	1	SW8	11							X		
0946	11/9	S	1	BS01@10	12							X		
0935	11/9	S	1	BS02@15	13							X		
0948	11/9	S	1	BS03@28'	14							X		
				Added Sample per Client 11/11/22 CC										

Additional Instructions: Please send to Heather Woods, Georgeann Goodman, Sarehman Schlea

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

	Date	Time		Date	Time
Relinquished by: (Signature)	11/10/22	730	Received by: (Signature)	11-10-22	3:32
Relinquished by: (Signature)	11-10-22	4:15	Received by: (Signature)	11/11/22	10:45
Relinquished by: (Signature)			Received by: (Signature)		

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.

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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:	A-9 Pipeline Release
Work Order:	E211154
Job Number:	97057-0001
Received:	11/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/29/22

Date Reported: 11/29/22

Heather Woods
201 S Halagueno St.
Carlsbad, NM 88220

Project Name: A-9 Pipeline Release
Workorder: E211154
Date Received: 11/28/2022 10:00:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/28/2022 10:00:00AM, under the Project Name: A-9 Pipeline Release.

The analytical test results summarized in this report with the Project Name: A-9 Pipeline Release 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
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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/22 15:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS01 @ 14'	E211154-01A	Soil	11/23/22	11/28/22	Glass Jar, 4 oz.
BS03 @ 10'	E211154-02A	Soil	11/23/22	11/28/22	Glass Jar, 4 oz.
SW3	E211154-03A	Soil	11/23/22	11/28/22	Glass Jar, 4 oz.
SW4 @ 0 - 7.5'	E211154-04A	Soil	11/23/22	11/28/22	Glass Jar, 4 oz.
SW4 @ 7.5 - 15'	E211154-05A	Soil	11/23/22	11/28/22	Glass Jar, 4 oz.
SW7	E211154-06A	Soil	11/23/22	11/28/22	Glass Jar, 4 oz.

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

BS01 @ 14'

E211154-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Benzene	ND	0.0250	1	11/28/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/28/22	11/28/22	
Toluene	ND	0.0250	1	11/28/22	11/28/22	
o-Xylene	ND	0.0250	1	11/28/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/28/22	11/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/28/22	11/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2249010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/22	11/28/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*11/28/22*	*11/28/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2249008
Chloride	**271**	20.0	1	11/28/22	11/29/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

BS03 @ 10'

E211154-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Benzene	ND	0.0250	1	11/28/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/28/22	11/28/22	
Toluene	ND	0.0250	1	11/28/22	11/28/22	
o-Xylene	ND	0.0250	1	11/28/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/28/22	11/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/28/22	11/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2249010
Diesel Range Organics (C10-C28)	**36.9**	25.0	1	11/28/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/22	11/28/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/28/22*	*11/28/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2249008
Chloride	ND	20.0	1	11/28/22	11/29/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

SW3

E211154-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Benzene	ND	0.0250	1	11/28/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/28/22	11/28/22	
Toluene	ND	0.0250	1	11/28/22	11/28/22	
o-Xylene	**0.0475**	0.0250	1	11/28/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Total Xylenes	**0.0475**	0.0250	1	11/28/22	11/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/28/22	11/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2249010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/22	11/28/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*11/28/22*	*11/28/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2249008
Chloride	**130**	20.0	1	11/28/22	11/29/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

SW4 @ 0 - 7.5'

E211154-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Benzene	ND	0.0250	1	11/28/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/28/22	11/28/22	
Toluene	ND	0.0250	1	11/28/22	11/28/22	
o-Xylene	ND	0.0250	1	11/28/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/28/22	11/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/28/22	11/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2249010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/22	11/28/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*11/28/22*	*11/28/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2249008
Chloride	ND	20.0	1	11/28/22	11/29/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

SW4 @ 7.5 - 15'

E211154-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Benzene	ND	0.0250	1	11/28/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/28/22	11/28/22	
Toluene	ND	0.0250	1	11/28/22	11/28/22	
o-Xylene	ND	0.0250	1	11/28/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/28/22	11/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/28/22	11/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2249010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/22	11/28/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*11/28/22*	*11/28/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2249008
Chloride	**198**	20.0	1	11/28/22	11/29/22	

Sample Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

SW7

E211154-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Benzene	ND	0.0250	1	11/28/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/28/22	11/28/22	
Toluene	ND	0.0250	1	11/28/22	11/28/22	
o-Xylene	ND	0.0250	1	11/28/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/28/22	11/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249004
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/28/22	11/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*11/28/22*	*11/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2249010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/22	11/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/22	11/29/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*11/28/22*	*11/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2249008
Chloride	ND	20.0	1	11/28/22	11/29/22	

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

Volatile Organics by EPA 8021B

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 (2249004-BLK1)									Prepared: 11/28/22 Analyzed: 11/28/22
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	*7.95*		*8.00*		*99.3*	*70-130*			
LCS (2249004-BS1)									Prepared: 11/28/22 Analyzed: 11/28/22
Benzene	4.34	0.0250	5.00		86.9	70-130			
Ethylbenzene	4.42	0.0250	5.00		88.3	70-130			
Toluene	4.51	0.0250	5.00		90.2	70-130			
o-Xylene	4.55	0.0250	5.00		91.0	70-130			
p,m-Xylene	8.97	0.0500	10.0		89.7	70-130			
Total Xylenes	13.5	0.0250	15.0		90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.96*		*8.00*		*99.5*	*70-130*			
Matrix Spike (2249004-MS1)				**Source: E211148-02**					Prepared: 11/28/22 Analyzed: 11/29/22
Benzene	4.28	0.0250	5.00	ND	85.6	54-133			
Ethylbenzene	4.43	0.0250	5.00	ND	88.5	61-133			
Toluene	4.57	0.0250	5.00	ND	91.3	61-130			
o-Xylene	4.61	0.0250	5.00	ND	92.2	63-131			
p,m-Xylene	8.97	0.0500	10.0	ND	89.7	63-131			
Total Xylenes	13.6	0.0250	15.0	ND	90.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.79*		*8.00*		*97.4*	*70-130*			
Matrix Spike Dup (2249004-MSD1)				**Source: E211148-02**					Prepared: 11/28/22 Analyzed: 11/28/22
Benzene	4.60	0.0250	5.00	ND	92.1	54-133	7.31	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.1	61-133	6.17	20	
Toluene	4.80	0.0250	5.00	ND	95.9	61-130	4.91	20	
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131	5.30	20	
p,m-Xylene	9.57	0.0500	10.0	ND	95.7	63-131	6.40	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.2	63-131	6.03	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.8*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

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 (2249004-BLK1)									Prepared: 11/28/22 Analyzed: 11/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*8.00*		*89.5*	*70-130*			
LCS (2249004-BS2)									Prepared: 11/28/22 Analyzed: 11/28/22
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.74*		*8.00*		*96.8*	*70-130*			
Matrix Spike (2249004-MS2)				**Source: E211148-02**					Prepared: 11/28/22 Analyzed: 11/28/22
Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.77*		*8.00*		*97.1*	*70-130*			
Matrix Spike Dup (2249004-MSD2)				**Source: E211148-02**					Prepared: 11/28/22 Analyzed: 11/28/22
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.2	70-130	13.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.98*		*8.00*		*99.8*	*70-130*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

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 (2249010-BLK1)									Prepared: 11/28/22 Analyzed: 11/28/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.0*		*50.0*		*108*	*50-200*			
LCS (2249010-BS1)									Prepared: 11/28/22 Analyzed: 11/28/22
Diesel Range Organics (C10-C28)	248	25.0	250		99.1	38-132			
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*50-200*			
Matrix Spike (2249010-MS1)				**Source: E211154-05**					Prepared: 11/28/22 Analyzed: 11/28/22
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2249010-MSD1)				**Source: E211154-05**					Prepared: 11/28/22 Analyzed: 11/28/22
Diesel Range Organics (C10-C28)	256	25.0	250	ND	103	38-132	0.570	20	
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*50-200*			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	A-9 Pipeline Release	**Reported:**
201 S Halagueno St.	Project Number:	97057-0001	
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/2022 3:37:26PM

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 (2249008-BLK1)									Prepared: 11/28/22 Analyzed: 11/29/22
Chloride	ND	20.0							
LCS (2249008-BS1)									Prepared: 11/28/22 Analyzed: 11/29/22
Chloride	266	20.0	250		107	90-110			
Matrix Spike (2249008-MS1)				**Source: E211152-01**					Prepared: 11/28/22 Analyzed: 11/29/22
Chloride	716	20.0	250	516	80.1	80-120			
Matrix Spike Dup (2249008-MSD1)				**Source: E211152-01**					Prepared: 11/28/22 Analyzed: 11/29/22
Chloride	724	20.0	250	516	83.2	80-120	1.09	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:	A-9 Pipeline Release	
201 S Halagueno St.	Project Number:	97057-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Heather Woods	11/29/22 15:37

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: A-9 Pipeline Release
Project Manager: Heather Woods
Address: 2015 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# PE11154
Job Number 97057-0001

TAT: 1D 3D
EPA Program: RCRA CWA SDWA
State: NM CO UT AZ (NM: X)
TX OK

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
1214	11/23/22	Soil	1	BS01 @14'	1							X		
1152	11/23/22	Soil	1	BS03 @10'	2							X		
1222	11/23/22	Soil	1	SW3	3							X		
1227	11/23/22	Soil	1	SW4 @ 0-7.5'	4							X		
1226	11/23/22	Soil	1	SW4 @ 7.5-15'	5							X		
1204	11/23/22	Soil	1	SW7	6							X		

Additional Instructions: Please send 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
	11/23/22	1400		11-23-22	1400
	11-25-22	1700		11/28/22	10:00
	Date	Time		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.

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Envirotech Analytical Laboratory

Printed: 11/28/2022 12:01:51PM

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:	11/28/22 10:00	Work Order ID:	E211154
Phone:	(575) 200-5443	Date Logged In:	11/28/22 10:34	Logged In By:	Caitlin Christian
Email:		Due Date:	11/29/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	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.

Page 1 of 1

Chain of Custody

STD 5 day

Project Information

Client:	Souder, Miller & Associates
Project:	A-9 Pipeline Release
Project Manager:	Heather Woods
Address:	2015 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	TAT 1D	TAT 3D
PE11154	97057-0001	X	

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
1214	11/23/22	S	1	BS01 @14'	1							X		
1152	11/23/22	S	1	BS03 @10'	2							X		
1222	11/23/22	S	1	SW3	3							X		
1227	11/23/22	S	1	SW4 @ 0-7.5'	4							X		
1226	11/23/22	S	1	SW4 @ 7.5-15'	5							X		
1204	11/23/22	S	1	SW7	6							X		

Per Client TAT Changed
Client wants prelims 11/29/22.
11/28/22 CC

Additional Instructions: please send 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
	11/23/22	1400		11-23-22	1400
	11-25-22	1700		11/28/22	10:00

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

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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 171312

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 171312
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2229125179 A-9 LATERAL, thank you. This closure is approved.	4/6/2023