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

Page 1 of 90

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: K. Kuman	Date: 12/30/22
email: rhdunaway@eprod.com	Telephone: 575-628-6802

Reserved by OCD: 12/30/2022 8:37:17 State of New Mexico Page 2 Oil Conservation Division	Page 2 of 90Incident IDNAPP2229125179District RPFacility IDApplication ID
OCD Only	
Received by: Jocelyn Harimon	Date: 12/30/2022
Closure approval by the OCD does not relieve the responsible party of liab remediate contamination that poses a threat to groundwater, surface water, party of compliance with any other federal, state, or local laws and/or regu	human health, or the environment nor does not relieve the responsible
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 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

Page 3 of 90

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.

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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: K. Munan	Date: 12/30/22
email: <u>rhdunaway@eprod.com</u>	Telephone:575-628-6802

Ferrived [47] O Page 2	<i>CD: 12/30/2022 8:37:17</i> State of New Mexico Oil Conservation Divisio	'n	Incident ID District RP Facility ID Application ID	Page 4 of 90 NAPP2229125179
OCD Only Received by: _	Jocelyn Harimon	Date:	12/30/2022	
remediate conta	val by the OCD does not relieve the responsible party amination that poses a threat to groundwater, surface v iance with any other federal, state, or local laws and/o	water, human he	ld their operations have failed alth, or the environment nor do	to adequately investigate and les not relieve the responsible
Closure Approv	ved 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.

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	Volume0 bbl CondensateRecovered0 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					

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

Engineering • Environmental • Surveying

A-9 Lateral Pipeline Release Closure Report December 29, 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.

<u>Closure Criteria</u>

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.

Page 2 of 4

Page 3 of 4

A-9 Lateral Pipeline Release Closure Report December 29, 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 Reviewed by:

Georgeann Goodman Environmental Tech II

Leather M. Woods

Heather M. Woods, P.G. Project Geoscientist

A-9 Lateral Pipeline Release Closure Report December 29, 2022

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 CriteriaTable 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 Page 4 of 4

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FIGURES

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Received by OCD: 12/30/2022 8:37:17 AM

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TABLES

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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)						
		1	ure Criteria	a (units in n	ng/kg)	
Depth to Groundwater	Depth to Groundwater C		ТРН	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 ye	s, then		
<300' from continuously flowing watercourse or other significant						
watercourse?	no					
<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		600	100		50	10
<300' from an occupied permanent residence, school, hospital,		600	100		50	10
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

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		Depth of	Method 8021B		Method 8015D				Method 300.0
Sample ID	Sample Date	Sample (feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NMOCD Closu		50	10				100	<600
				firmation Sa	mples	P		1	
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
3004	11/23/2022	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
3005	11/9/2022	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
3000	11/9/2022	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
		San	nples Remo	ved by Exca	vation				
SW3	11/9/2022	0 to 8	0.338	<0.0250	<20.0	413	176	589	73.9
514/4	11/0/2022	0 to 7.5	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SW4	11/9/2022	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 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

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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	y OCD) nAPP2229125179
Contact mailing address	PO Box 4324, Houston, TX 77210		

Location of Release Source

Latitude	32.2263	38889			Longitude	-104.5044444
			(NAD 83 in dec	cimal de	grees to 5 decimal place	res)
Site Name	A-9 Lat	eral			Site Type	Gathering Pipeline
Date Release	Discovered	10/17/2022			API# (if applicable))
Unit Letter	Section	Township	Range		County	

J	Onit Letter	Section	Township	Range	County
10	N	09	248	24E	Eddy
- 3				1 · · · · · · · · · · · · · · · · · · ·	

Surface Owner: State Federal Tribal Private (Name:_

Nature and Volume of Release

Mate	rial(s) Released (Select all that apply and attach calculations or speci	fic 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.

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orm C-141		Incident ID	
ige 2	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible par	ty consider this a major release?	
If YES, was immediate r	otice given to the OCD? By whom? To whom? Wh	en and by what means (phone, email, et	c)?

Initial Response

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

 \square The source of the release has been stopped.

p

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: <u>Robert Dunaway</u>	Title: <u>Senior Environmental Engineer</u>
Signature: K. Dumenny	Date: 10/18/22
email: <u>rhdunaway@eprod.com</u>	Telephone: <u>575-628-6802</u>
OCD Only	
Received by:	Date:

	Received by OCD: 12/30/2022 8: Hours of leak	37:17 AMPage 193	of 90
	Diameter of hole (inches)	0.025	
	Line Pressure at Leak	846	Hourly
	Volume of Gas Leaked	0.54	C
	Calculations:		
	Volume of Gas Leaked (MSCF) = Diameter	r*Diameter*(Upstream	Gauge Pr
	**Reference: Pipeline Rules of Thumb Han	dbook, 3rd Edition, Mc	Allister. F
	Footage of Pipe blowndown	14,203	
	Initial line pressure	551	
	Diameter of Pipe (inches)	6	
•	Volume of Cas Blown Down Released to Imaging: 4/13/2023	124 34703	MSCF
	Keicuseu io 1muging. 4/13/2023	1	•

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:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	151505
Γ	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

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



Page 20 6690

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Action 151505

Heather Woods

From:	Heather Woods
Sent:	Monday, November 7, 2022 8:29 AM
То:	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) <u>Heather.Woods@soudermiller.com</u>

www.soudermiller.com



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Heather Woods

From:	Heather Woods
Sent:	Monday, November 21, 2022 9:47 AM
То:	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)



Souder, Miller & Associates

Engineering ♦ Environmental ♦ Geomatics 401 West Broadway Farmington, NM 87401 (505) 716-2787 (mobile) (505) 325-7535 (office) <u>Heather.Woods@soudermiller.com</u> www.soudermiller.com



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Statement on Viruses and Harmful Software: While the message and attachment(s) have been scanned with anti-virus software, SMA does not guarantee that this message or any attachment(s) is free of computer viruses or other harmful software. SMA does not accept liability for any damages caused by any computer virus or other harmful software transmitted herewith.

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 a				,	3 UTM in meters)		(In feet)
POD Number	POD Sub- Code basin C	Q Q ountv 64 10	• -•	Tws	Rna	х	Y	-	Depth Water	Water Column
<u>C 02247</u>		ED	4 09		•	547215	3565831* 🌍	300	115	185
							Average Depth to	Water:	115 f	eet
							Minimum	Depth:	115 f	eet
							Maximum	Depth:	115 f	eet
Becard County 1										

Record Count: 1

PLSS Search:

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

Range: 24E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

d by OCD: 12/									Page
(ما م رو محرر مرکز سرم			ST A TI	E ENCINÉ	ER OFFICE		i,	Revise	ed June 1972
								46	01203
		•	Section 1 (TENEDAL	INFORMATION	100	••	Trnp	HHA-
						JER	PR 24	ho. <u>AM 1</u>	0
Street or Po	ost Office Add	1ress414	S. Canal			STATE	s well r	NO. <u>111</u>	• 1
City and St	ate <u>Carl</u>	sbad, N.	M. 8822()	· <u></u>	SANT.	4 FET	VEW ME	FFICE
ell was drilled u	nder Permit 1	No. <u>C2247</u>		·	and is located	in the:		IN ME	XIC <u>0</u>
a	1/4 1/4	¼S	E_ ¼ of Sect	ion <u>9</u>	Township		ge <u>2</u>	3E	N.M.P.M.
b. Tract N	D	_ of Map No.		of t	he				•
					he		11.20	0.2 0.2	5
c. Lot No. Subdivis	sion, recorded	in <u>Eddy</u>		01 t	County.			5	
d. X=		feet, Y=		feet,	N.M. Coordinate	System		<u>د</u> ے	Zone in
					·			<u></u>	Grant.
B) Drilling Co	ntractor <u>C</u> a	ampbell D	rilling	·		License No <u>W</u>	<u>b-12</u>	59	
					0	· · · · ·		1.55	
					-	Cable	, _	a of hele	8" :-
Elevation of land	I surface or _			at v	well is	ft. Total depth	of well.	300	ft.
Completed well	is 🛣 sl	nallow 🗋 ai	rtesian.		Depth to wate	r upon completion	of well	0	ft.
		Sect	ion 2. PRINC	CIPAL WAT	TER-BEARING S	TRATA			5 R
Depth in From	n Feet To	Thickness in Feet	D	escription	of Water-Bearing	Formation	I (ga	Estimated' Ilons per	Yield minute)
172				······································	······				<u> </u>
	175	3	Brow	<u>n brok</u>	<u>en lime</u>		<u>5 ģ</u>	allons	<u>>per_hdu</u>
217	218	1	Brow	n brok	<u>en lime</u>		8 <u>2</u> 9	o hour	
286	290	4	Brow	<u>n brok</u>	en lime		100	ab jjon	r
293	297	4	Brow	<u>n brok</u>	en lime		5gp	n	
		· · ·	Sectior	1 3. RECOI	RD OF CASING			- · · · · · · · · · · · · · · · · · · ·	
Diameter (inches)	Pounds per foot	Threads	Depth		Length	Type of Sho	be -		orations
		per in.	Тор	Bottom				From	To
8 5/8	28		0	25	25	gravel s	trin	<u> 0 </u>	0
5"		pvc	0	200	·····	collar		150	200
		Secti	on 4. RECOI	RD OF MU	DDING AND CE	MENTING			
Depth From	n Feet To	Hole Diameter	Sack of Mi	(S	Cubic Feet of Cement		od of P	lacement	······
						·····		~	
									·
	•	· .	•••					·····	
	·								
			Sectio	on 5 PLUG	GING RECORD				
Plugging Contra	ictor	— <u></u>						-	
Address Plugging Metho	· · · · · · · · · · · · · · · · · · ·				No.	Depth in			Cubic Feet
Date Well Plugg	ed					Тор	Botto	om	of Cement
Plugging approv	ved by:	·			2				
		State En	gineer Repres	entative	4				
			FOR USE	OF STAT	E ENGINEER OI	NLY 24	52	3E 9	42413
Date Received	04-14-9	2		C	uad			FS	
					uau ·) L

1

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Depth ir From	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						
	<u> </u>								
		·	(C O2						
······································	<u> </u>		Rost Frank						
. <u> </u>	<u> </u>		E. T. T.						
			The H						
	<u> </u>		The second secon						
	+		tiçiçe Çe						
	L	Sectio	m 7. REMARKS AND ADDITIONAL INFORMATION						
			rease in water						
Possibly	very sı	mall incr	ease in water						
256-271			The ase in water 1011, A 100 Marks and ADDITIONAL INFORMATION The ase in water 1011, A 100 Marks and ADDITIONAL INFORMATION HILL HER OF HILL HIL						
286-297	sulfur o	odor	ICOE J						
Ran 200	ft. 5" p	pvc cemen	it top joint						
open hol	e 200-30	00							
Well dri	11ed tig	ght							
Total dr	illing h	nours 125	hours						
The undersign	ied hereby ce	rtifies that, to	the best of his knowledge and belief, the foregoing is a true and correct record of the						
described hole									
			Alike Campbell						

APPENDIX C SAMPLING PROTOCOL



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

	1	<u></u>	A FI	IELD SCREEN	ING		
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			an air	changed name to BSE	
WestBase	1105	210				Changed name to BSW	
SW NE	1112	18.9				1	
SW NW	1114	339				ALL	
SW SE	1116	1.5					
SWSW	1118	15.9					
SWWT	1120	1.7	-	19			
SWE	1121	2.2	200-			and the second sec	
BSE @ 8	1130	56.6				BSE became BSO3	
BSWQ 8	1135	458				BSW became BSNW&BSSU	
BSWQ9	1139	770				Lownich Became	
BSW @ 10	1144	337				BSOOL and BSO Z	
BSW@ 11	1147	361					
BSW @ 12	1155	114.8	14				
BSW (P13	1158	46.4					
SWW B	1245	5.2					
35NW	1302	797	eq ils bi				
SWNW	1304	93.2					
SWNW	311	174					
BSNW	1313	1112					
oil color: light, dark, tan, b oil type: gravel, rock, sand nositure level: dry, moist,	i, silty, clay	olive, gray				20 rows/she	
BSN W	1329	4.2					
	12/2022 1 50	11 015	1				



			<u>AA</u> FI	ELD SCREEN	NG		
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						
SWI	093Q						
56480-7.5	œ932						
SW4@7.5-15	0934						
562	0934						
563	0933						
B501@10	0944						
50000-4	agga						
500@4-3	0952						
507	0954						
568	0950						
50500-5	1000				-		
52565-10	1002		Ŷ				

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

		$\Lambda \underline{s}$	MA F	IELD SCREEN	ING		
LOCATION NAME:	Enterp	orise p	4-9		SAMPLING DATE: Normber 23, 2022		
SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION	
BS03@10	1152						
\$ 5W7	12.04						
B501@14	1214						
5~3	1222						
SW4@7.5-15	1226						
504@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



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Photograph Log A-9 Lateral Pipeline Release Enterprise Field Services



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Photograph Log A-9 Lateral Pipeline Release Enterprise Field Services




Photograph Log A-9 Lateral Pipeline Release Enterprise Field Services



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Photograph Log A-9 Lateral Pipeline Release Enterprise Field Services



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Photograph Log A-9 Lateral Pipeline Release Enterprise Field Services



Photograph #6	E SE S 60 90 120 150 180 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 •
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





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Photograph Log A-9 Lateral Pipeline Release Enterprise Field Services



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APPENDIX E LABORATORY ANALYTICAL REPORTS





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

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

Field Offices:

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

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

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

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

		Sample Sum	mary		
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.
3S01 @ 10	E211067-12A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
3S02 @ 15	E211067-13A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.
3S03 @ 8'	E211067-14A	Soil	11/09/22	11/11/22	Glass Jar, 2 oz.



		ampic D				
Souder Miller Associates - Carlsbad	Project Name:					
201 S Halagueno St.	Project Number		57-0001			Reported:
Carlsbad NM, 88220	Project Manag	ger: Heat	ther Woods			11/17/2022 4:20:35PM
		SW1				
		E211067-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: RAS		Batch: 2246090
Chloride	ND	20.0	1	11/11/22	11/16/22	

Sample Data



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag		57-0001 ther Woods	5			Reported: 11/17/2022 4:20:35PM
		SW2					
]	E211067-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
o,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	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag		57-0001 ther Woods				Reported: 11/17/2022 4:20:35PM
		SW3					
]	E211067-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: P	Y		Batch: 2246078
Benzene	ND	0.0250	1	l	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	l	11/11/22	11/15/22	
Toluene	ND	0.0250	1	l	11/11/22	11/15/22	
o-Xylene	0.0730	0.0250	1	l	11/11/22	11/15/22	
p,m-Xylene	0.265	0.0500	1	l	11/11/22	11/15/22	
Total Xylenes	0.338	0.0250	1	l	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: Г	Y		Batch: 2246078
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	L		Batch: 2247018
Diesel Range Organics (C10-C28)	413	25.0	1	l	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	176	50.0	1	l	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: R	AS		Batch: 2246090
Chloride	73.9	20.0	1	l	11/11/22	11/16/22	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 9703	57-0001 ther Woods				Reported: 11/17/2022 4:20:35PM
	S	W4 @ 0 - 7.5	;				
		E211067-04					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	IY		Batch: 2246078
Benzene	ND	0.0250	1	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	1	11/11/22	11/15/22	
p-Xylene	ND	0.0250	1	1	11/11/22	11/15/22	
o,m-Xylene	ND	0.0500	1	1	11/11/22	11/15/22	
Total Xylenes	ND	0.0250	1	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	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	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	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	1	11/11/22	11/16/22	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 970.	57-0001 ther Woods				Reported: 11/17/2022 4:20:35PM
	SV	N4 @ 7.5 - 1	5				
		E211067-05					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	Analyst: Γ	Y		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	
foluene	0.179	0.0250	1		11/11/22	11/15/22	
p-Xylene	0.369	0.0250	1		11/11/22	11/15/22	
o,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	1	Analyst: Γ	Y		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	1	Analyst: JL		Batch: 2247018	
Diesel Range Organics (C10-C28)	303	25.0	1		11/15/22	11/16/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/15/22	11/16/22	
Gurrogate: n-Nonane		103 %	50-200		11/15/22	11/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2246090
Chloride	451	20.0	1		11/11/22	11/16/22	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 970:	57-0001 ther Woods				Reported: 11/17/2022 4:20:35PM
	5	SW5 @ 0 - 5					
		E211067-06					
		Reporting					
Analyte	Result	Limit	Dilu	ution	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:	Л		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	



	S	ample D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Manaş	er: 9703	57-0001 ther Woods			Reported: 11/17/2022 4:20:35PM
	S	W5 @ 5 - 10				
		E211067-07				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	nalyst: 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	An	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	An	alyst: RAS		Batch: 2246090
Chloride	456	20.0	1	11/11/22	11/16/22	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 970:	57-0001 ther Wood	s			Reported: 11/17/2022 4:20:35PM
	S	SW6 @ 0 - 4					
		E211067-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	

	S	ample D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Numb	Project Name:A-9Project Number:97057-0001Project Manager:Heather Woods				Reported: 11/17/2022 4:20:35PM
	S	SW6 @ 4 - 8				
		E211067-09				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: JL		Batch: 2247018
Diesel Range Organics (C10-C28)	43.2	25.0	1	11/15/22	11/16/22	
Dil 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	An	alyst: RAS		Batch: 2246090
Chloride	73.1	20.0	1	11/11/22	11/16/22	

	Sa	mple D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manage		57-0001 ther Woods	3			Reported: 11/17/2022 4:20:35PM
		SW7					
]	E211067-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name:A-9Project Number:97057-0001Project Manager:Heather Woods						Reported: 11/17/2022 4:20:35PM
		SW8					
		E211067-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	



	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 970	57-0001 ther Woods				Reported: 11/17/2022 4:20:35PM
	-	BS01 @ 10					
		E211067-12					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	Analyst: I	ſ		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	
p-Xylene	0.0460	0.0250	1		11/11/22	11/15/22	
o,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	1	Analyst: IY	ſ		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	1	Analyst: JI	_		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	1	Analyst: R	AS		Batch: 2246090
Chloride	145	20.0	1		11/11/22	11/16/22	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 970.	57-0001 ther Woods				Reported: 11/17/2022 4:20:35PM
		BS02 @ 15					
		E211067-13					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	IY		Batch: 2246078
Benzene	ND	0.0250	1	1	11/11/22	11/15/22	
Ethylbenzene	ND	0.0250	1	1	11/11/22	11/15/22	
Toluene	ND	0.0250	1	1	11/11/22	11/15/22	
o-Xylene	0.0274	0.0250	1	1	11/11/22	11/15/22	
p,m-Xylene	ND	0.0500	1	1	11/11/22	11/15/22	
Total Xylenes	0.0274	0.0250	1	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	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	1	11/15/22	11/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	I	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	1	11/11/22	11/16/22	

	Sa	ample D	ata				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 970	57-0001 ther Woods				Reported: 11/17/2022 4:20:35PM
		BS03 @ 8'					
		E211067-14					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	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	
o,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	1	Analyst: IY	7		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	1	Analyst: JI	_		Batch: 2247018
Diesel Range Organics (C10-C28)	77.4	25.0	1		11/15/22	11/16/22	
Dil 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	1	Analyst: R	AS		Batch: 2246090
Chloride	38.7	20.0	1		11/11/22	11/16/22	

QC Summary Data

		QC D	u1111116	ily Date	4				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	97	-9 7057-0001 eather Woods					Reported: 11/17/2022 4:20:35PM
		Volatile O	rganics l	by EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2246078-BLK1)							Prepared: 1	1/11/22 A	nalyzed: 11/15/22
Benzene	ND	0.0250					1		J -
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
•	ND	0.0250							
p,m-Xylene Total Xylenes	ND	0.0500							
Surrogate: 4-Bromochlorobenzene-PID	8.13	0.0230	8.00		102	70-130			
LCS (2246078-BS1)							Prepared: 1	1/11/22 A	nalyzed: 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			
p-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	0.0250	8.00		103	70-130			
Matrix Spike (2246078-MS1)				Source:	E211067-(03	Prepared: 1	1/11/22 A	nalyzed: 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	100	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:	E211067-0	03	Prepared: 1	1/11/22 A	nalyzed: 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

		QC D	u	ii y Data	L				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:		-9 2057-0001 eather Woods					Reported: 11/17/2022 4:20:35PM
	No	onhalogenated O	Organics	by EPA 801	5D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2246078-BLK1)							Prepared: 1	1/11/22 A	nalyzed: 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: 1	1/11/22 A	nalyzed: 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: I	E 211067-	03	Prepared: 1	1/11/22 A	nalyzed: 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: I	E 211067- (03	Prepared: 1	1/11/22 A	nalyzed: 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

		QC D	u	ary Data	l				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	9	A-9 97057-0001 Heather Woods					Reported: 11/17/2022 4:20:35PM
	Nonh	alogenated Org	anics by	v EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247018-BLK1)							Prepared: 1	1/15/22 A	Analyzed: 11/16/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	51.4		50.0		103	50-200			
LCS (2247018-BS1)							Prepared: 1	1/15/22 A	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: 1	E211067-0	07	Prepared: 1	1/15/22 A	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: l	E211067-0	07	Prepared: 1	1/15/22 A	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

		QU N	<i></i>	ary Date	•					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	9	A-9 97057-0001 Heather Woods					Repor	
		Anions	by EPA	300.0/9056A	•				Analyst: R	AS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	1	otes
Blank (2246090-BLK1)							Prepared: 1	1/11/22	Analyzed: 11/	16/22
Chloride	ND	20.0								
LCS (2246090-BS1)							Prepared: 1	1/11/22	Analyzed: 11/	16/22
Chloride	268	20.0	250		107	90-110				
Matrix Spike (2246090-MS1)				Source:	E211067-0	3	Prepared: 1	1/11/22	Analyzed: 11/	16/22
Chloride	329	20.0	250	73.9	102	80-120				
Matrix Spike Dup (2246090-MSD1)				Source:	E211067-0	3	Prepared: 1	1/11/22	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.



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.



ject Information .		r i		1				D Sa	tag	EF	PA Progra	am
Souter miller + Associate	Bill To -		I ab M	104	Lab Us	lob N	y. Jumber			RCRA	CWA	SDWA
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oject Manager! Heuther up cas	City, State, Zip	<u> </u>				Analy	sis and Meth		-			UTA
Haracyceno Haracyceno ty state Zip Musland, NM 88220	Phone:										X	
IV, Stare, and	Email:		8012	801	_		0	5			TX OF	4
none:	PO 325484		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021 VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	×1.			
eport due by:		Lab	10/0	IO/DI	EX by	etals	atoric	GDO	BGDOC - 1X	1 1.5	Re	emarks
Time Date Matrix Containers Sample ID		Number	HC H	5	IE X	Σ						
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rasull'/g S I SWT	а	110		<u> </u>				<u>L. 1</u>	/	0	1	
Additional Instructions:	1 y Joods, Sarah	mae	15	Sch	200	4		geo	m	ND	was the day the	vare sampled
Deale Send to Heather (field sampler), stiest to the validity and authenticity of this sample. I am avare	that tampering with or intentionally mislabelling the sample	e boation, date				Sa	mples reputing ther cented packed in ice	malgreserva at an avg ter	aton and	D but less than	é Corsubsequ	ient days
, (field sampler), attest to the validity and authenticity of this sample, time of toilection is considered fraud and may be grounds for legal action. Sample	20 59.	10		Tim	-				La	b Use On	ly	
Date (Signature)		Date	10A	A	3-	36	Received on	ice:	A) N		
GX 1000	130 (Recentred by: (Stenature)	Date	1	Tin	0:45						Т3	
Relinquished by (Signature) Date - 10 00 Time	11 2 auth Chio	- 11/11	122	1/(T1		12			
Reinquished by: (Signature) Date Time	Received by: (Signature)	Date					AVG Temp	c_{2}	1			
Sample Matrix: S - Sol, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other_ Note: Samples are discarded 30 days after results are reported unless		Cont	ainer T	vne s	z - glass,				er glas	s, v - VOA		



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	Chain of C	Custody									×	Page _	2_of_
oject Information								Sik	osd		EDA	Program	
ient: Sou der Millen + Associo oject: A-9 Heuther Woods	Bill To					Use C			TA		CRA	CWA	SDWA
ient: Sou der Millen & HSSOCIO	Attention: Enterprise		Lab	NO₩		JO	Numbe	r	10	SU R	LRA	CUA	
niect: A-9	Address:		PE	211	061	19	7057-0	001				Stat	e
oject: A-9 oject Manager: Heathen Woods Edress: 2015 Hajaqueno ity, State, Zip Car ISbarl, NM, 8822	City, State, Zip					An	alysis and	Metho				NM CO	
Horess: 2015 Hajaqueno	Phone:										H	V	
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mail:	PO 325484		d O	40	80	826	6 3(z	ř.			
eport due by:	10000-101	Lab	DRO/ORO by 8015	GRO/DRO hy 8015	BTEX by 8021	VOC. by 8260	Metals 6010 Chloride 300.0		BGDOC - NM	BGDOC - 1X		Rem	arks
No Sample ID		Number	NIC	GRO	BTE	VOV	Chi		BG	BG			
Time Date Matrix Containers Sample10									V				
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ashing foil I SWE	2	11		1					N				
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Additional Instructions: DECAD ADD ADD HEATTA (field sampler), attest to the validity and authenticity of this sample.	on Woods, George and I'm aware that tampering with or intentengely mislabeling the same	n Gr	000	In	ra.	24	Samples reor received pac	ked in ice at	an avg tem	t spove 3 put	t less than é i	e the day, they ar	e sampled o davs
, (field sampler), access to the rearrange of any be grounds for legal activity time of collection is considered fraud and may be grounds for legal activity.	n. Sampled by:	Daté	11	, Ti	me)		2			Lab U	se Only		
Relinquished by: (Signature)		17-	10F	24	3	2	Receiv	ed on i	ice:	DI	N		
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Date Date	Time Received by: (Sigrature)	Dave		Ľ			AVG T	omn c	- 4				
Reinquished by: (Signature) Date										r elass, v	- VOA		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Note: Samples are discarded 30 days after results are reported	Other	Cont	tainer	Type:	g - gla	ass, p	poly/plas	ense Th	e raport	for the ana	al vsis of th	e spove sam	oies is appl
Sample Matrix: S - Sol. Sd - Solid, Sg - Sludge, A - Aqueous, U -	unless other arrangements are made Hatardous samples	will be returne	ed to clie	ent or d	tisposed	of at t	ie Cient exp	choc in					
Sample Matrix 5: 50, 50 each and the samples are reported Note: Samples are discarded 30 days after results are reported only to those samples received by the laboratory with this CO	The liability of the laboratory is limited to the amount pa	aid for on the r	eport										
ony to those samples received by the reportatory management							×						

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envirotech

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Received by OCD: 12/30/2022 8:37:17 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Souder Miller Associates - Carlsbad Da	te Received:	11/11/22 1	0:45	Work Order II	D: E211067
Phone:	(575) 200-5443 Da	te Logged In:	11/11/22 1	1:09	Logged In By:	Caitlin Christian
Email:		e Date:	11/17/22 1	7:00 (4 day TAT)		
Chain o	of Custody (COC)					
	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: <u>U</u>	<u>PS</u>	
4. Was t	he 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 i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comm	ents/Resolution
<u>Sample</u>	Turn Around Time (TAT)					
	he COC indicate standard TAT, or Expedited TAT?		Yes		Received sample BS	03 @ 8. Client asked
Sample	Cooler				to add sample to COO	2.
	a sample cooler received?		Yes		-	
8. If yes	, was cooler received in good condition?		Yes			
9. Was t	the sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	es, were custody/security seals intact?		NA			
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes			
13 If no	o visible ice, record the temperature. Actual sample tem	nerature: 4º	С			
	Container		<u> </u>			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	he head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
18. Are						
	e appropriate volume/weight or number of sample containers	collected?	Yes			
	e appropriate volume/weight or number of sample containers	collected?	Yes			
19. Is the Field La 20. Were	e appropriate volume/weight or number of sample containers <u>abel</u> e field sample labels filled out with the minimum informa					
19. Is the Field La 20. Were	e appropriate volume/weight or number of sample containers <u>abel</u> e field sample labels filled out with the minimum informa Sample ID?		Yes			
19. Is the Field La 20. Were	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informa Sample ID? Date/Time Collected?		Yes Yes			
19. Is the Field La 20. Were	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name?		Yes			
19. Is the Field La 20. Were Sample	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	ation:	Yes Yes			
19. Is the Field La 20. Were <u>Sample</u> 21. Does	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese	ation:	Yes Yes No			
19. Is the Field La 20. Were Sample 21. Does 22. Are	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informa Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	ation: rved?	Yes Yes No No			
19. Is the Field La 20. Were Sample 21. Does 22. Are 24. Is lal	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?	ation: rved?	Yes Yes No No			
19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	ation: rved?	Yes Yes No No			
19. Is the Field La 20. Were Sample 21. Doc: 22. Are 24. Is lat Multiph 26. Doc:	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix	ation: rved? ls?	Yes Yes No No NA No			
19. Is the Field La 20. Were Sample 21. Doe: 22. Are 24. Is lat Multiph 26. Doe: 27. If ye	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase?	ation: rved? ls?	Yes Yes No No No No			
19. Is the Field La 20. Were Sample 21. Doe: 22. Are 24. Is lai Multiph 26. Doe: 27. If ye Subcont	e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum informat Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyzed	ation: rved? ls?	Yes Yes No No No No			

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



envirotech Inc.

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Received by OCD: 12/30/2022 8:37:17 AM

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Chain of Custody

Project Information	stody							STO	5d	an			<u></u> 15
			-	Lai	b Use	Only	1.		TAT	r of		PA Progra	m
Client: Souder Muller + Associate Attention: Enterprise		Lah V	NOH			ob N	umber		103	Ð	RCRA	CWA	SDWA
Attention: Chirup iac	-	PF	N0# 211	04	11	170	57-0	m and a m	1			5+	ate
Project: Address: Project Manager: Heuthol Woods City, State, Zip		10	Cart		ł	Analys	is and I	Viethod	1		-		UTAZ
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30088		80	180	-	-	-	0.0		2			TX OK	
imail: po 325484		(q C)	40	802	826	601	e 30		2	ř.			
Report due by:	Lab	0110/0110 by 8015	GRO/DRO by 8015	DIEX by 8021	by.	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC -		Re	marks
Time Date No Sample ID	Number	OHO	GRC	BIE	VOC.by 8260	Me	CHI		BG	BG	-		
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Additional Instructions: do Heather yoods, Jarah	mai	45	20	ne	ea	NAME AND POSTO	JUL	ne thermal	preservato	or aust be	e received or	tice the day they	are sampled =
Place ample attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample Tead sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample	beation, date	C				r ==	ened packet	d n ice stan	avg tens	apove 3 p	et less than	é 'C ar subseque	mt davs
time of collection is considered fraud and may be grounds for lega, action, Sampled by:	10-10		T	-	-					Lab	Jse On	ly	
	Date	101	24	3	5-3	36	Prive	d on ic	e:	D	N		
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Relinguished (Signature) Dave 1080 Time 1 (Recorded by: (Second by:	- 11/1	12	2	10:	45	- т	1		_ 1	2		<u></u> <u>T3</u>	
	Date	100	and the second second	ime	exe				11	-			
Reinquished by: (Signature) Date Time Received by: (Signature)						A	VG Te	mp °C	4	-	See.		
	Cont	ainer	Type:	g - g	lass, p		CONTRACTOR OF THE OWNER OF	All the state of the state of the	and the second se	glass,	v - VOA		
Sangie Matry: S - Sol, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Il ha raturne	d to clie	ent or d	lispos	ed of at	the cli	ent exper	nse The	-sport fi	or the ai	nal vsis of	the spove sa	urbies is applies of
Sample Matrix: S - Sol, Sd - Solid, Sg - Sludge, A - Aqueous, D - Other Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous samples will prive to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid	for on the re	port		in m		-	3 per	No. Winter		-			
prive to those samples received by the design of the same same same same same same same sam													
envirotech													

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Released to Imaging: 4/13/2023 1:59:44 PM

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Chain of Custody

Project Information	131004							STR	000	lan			
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Project: A-of Heathen Woods Address:	-05	10	sett.		+	Analys	is and	Netho	d			A STATE OF THE OWNER	UTAZ
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Additional Instructions: <u>Decase</u> <u>Alona</u> to <u>Heathen</u> <u>Woods</u> . <u>George and</u> <u>Cleads</u> <u>and</u> <u>authenticity</u> of this sample. I am aware that tampering with or intentappely mislabeling the sample <u>Clead sampler</u> , attest to the validity and authenticity of this sample. I am aware that tampering with or intentappely mislabeling the sample	nGi	200	In	16	24	151-	cies : equi	ing therm	a' preserva	tor aus			
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	Cont	tainer	Type:	g - g	lass, I	p - po	y/plast	tic, ag	- ambe	I glas	s, v - VOA	the spove s	amples is applica
Sample Matrix: 5 - 501, 5d - Solid, 5g - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous samples w Note: Samples are discarded by the laboratory with this COC. The liability of the laboratory is limited to the amount pair	lil he returne	d to cli	ent or o	dispos	ed of a	t the di	ent expe	ense Th	e-eport	OF THE	- di la viis 0		
Sample Matrix 3 Social Andrew Social	d for on the r	eport	14					Territoria de					
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5796 U.S. Hwy 64 Farmington, NM 87401

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





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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

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

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

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

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

Envirotech Web Address: www.envirotech-inc.com



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SW3

SW7

SW4 @ 0 - 7.5'

SW4 @ 7.5 - 15'

Received by OCD: 12/30/2022 8:37	7:17 AM				Page 75					
		Sample Summary								
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name:A-9 Pipeline ReleaseProject Number:97057-0001			Reported:					
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.					

Soil

Soil

Soil

Soil

E211154-03A

E211154-04A

E211154-05A

E211154-06A

11/23/22

11/23/22

11/23/22

11/23/22

11/28/22

11/28/22

11/28/22

11/28/22

Glass Jar, 4 oz.

Glass Jar, 4 oz.

Glass Jar, 4 oz.

Glass Jar, 4 oz.



envirotech Inc.

	N	ampic D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Num Project Mana	ber: 970	Pipeline Relea 57-0001 ther Woods	ase		Reported: 11/29/2022 3:37:26PM
		BS01 @ 14'				
		E211154-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
-Xylene	ND	0.0250	1	11/28/22	11/28/22	
o,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/28/22	11/28/22	
urrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	11/28/22	11/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	An	alyst: JL		Batch: 2249010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/22	11/28/22	
Dil 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	An	alyst: RAS		Batch: 2249008
Chloride	271	20.0	1	11/28/22	11/29/22	

Sample Data



	5	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name:	A-9	Pipeline Releas	e		
201 S Halagueno St.	Project Numbe	er: 9703	57-0001			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			11/29/2022 3:37:26PM
]	BS03 @ 10'				
		E211154-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Foluene	ND	0.0250	1	11/28/22	11/28/22	
p-Xylene	ND	0.0250	1	11/28/22	11/28/22	
o,m-Xylene	ND	0.0500	1	11/28/22	11/28/22	
Fotal 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	Anal	yst: 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	Anal	yst: JL		Batch: 2249010
Diesel Range Organics (C10-C28)	36.9	25.0	1	11/28/22	11/28/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/28/22	11/28/22	
Gurrogate: n-Nonane		109 %	50-200	11/28/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2249008
Chloride	ND	20.0	1	11/28/22	11/29/22	



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	Sam	ple Dat	a			
Souder Miller Associates - Carlsbad	Project Name:	A-9 Pip	eline Release			
201 S Halagueno St.	Project Number:	97057-0	0001			Reported:
Carlsbad NM, 88220	Project Manager:	Heather	Woods			11/29/2022 3:37:26PM
	S	W3				
	E211	154-03				
		Reporting				
Analyte	Result	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	
o,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	

	S	Sample D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Nam Project Num Project Mana	ber: 970	Pipeline Relea 57-0001 ther Woods	se		Reported: 11/29/2022 3:37:26PM
	S	5W4 @ 0 - 7.5	•			
		E211154-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: RAS		Batch: 2249008
Chloride	ND	20.0	1	11/28/22	11/29/22	

	S	Sample D	ata						
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Nam Project Num Project Mana	ber: 970:	A-9 Pipeline Release 97057-0001 Heather Woods				Reported: 11/29/2022 3:37:26PM		
	S	W4 @ 7.5 - 1	5'						
		E211154-05							
		Reporting							
Analyte	Result	Limit	Dilut	ion Prep	ared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg mg/kg Analy			Analyst: RKS		Batch: 2249004			
Benzene	ND	0.0250	1	11/2	8/22	11/28/22			
Ethylbenzene	ND	0.0250	1	11/2	8/22	11/28/22			
Toluene	ND	0.0250	1	11/2	8/22	11/28/22			
o-Xylene	ND	0.0250	1	11/2	8/22	11/28/22			
p,m-Xylene	ND	0.0500	1	11/2	8/22	11/28/22			
Total Xylenes	ND	0.0250	1	11/2	8/22	11/28/22			
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	11/2	8/22	11/28/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2249004		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/2	8/22	11/28/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	11/2	8/22	11/28/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL			Batch: 2249010		
Diesel Range Organics (C10-C28)	ND	25.0	1	11/2	8/22	11/28/22			
Oil Range Organics (C28-C36)	ND	50.0	1	11/2	8/22	11/28/22			
Surrogate: n-Nonane		111 %	50-200	11/2	8/22	11/28/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS			Batch: 2249008		
Chloride	198	20.0	1	11/2	8/22	11/29/22			

	Sa	ample Da	ata			
Souder Miller Associates - Carlsbad	Project Name:	A-9	Pipeline Release			
201 S Halagueno St.	Project Numbe	er: 9705	57-0001			Reported:
Carlsbad NM, 88220	Project Manag	ger: Heat	ther Woods			11/29/2022 3:37:26PM
		SW7				
		E211154-06				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	11/28/22	11/28/22	
o,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	
Nonhologonated Organize by EDA 9015D CDO	ma/ka	mg/kg	Analyst	· RKS		Batch: 2249004

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2249004
Gasoline Range Organics (C6-C10)	ND	20.0	1 11/28/2		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	/kg Analyst: RAS			Batch: 2249008	
Chloride	ND	20.0		1	11/28/22	11/29/22	

QC Summary Data

		QC D	u1111110	ing Duc					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	97	-9 Pipeline Re 7057-0001 eather Woods	elease				Reported: 11/29/2022 3:37:26PM
Carisbad NW, 88220		, 0							11/29/2022 5.57.201 W
		Volatile O	rganics l	by EPA 802	21B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2249004-BLK1)							Prepared: 1	1/28/22 A	Analyzed: 11/28/22
Benzene	ND	0.0250					-		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.95	0.0200	8.00		99.3	70-130			
LCS (2249004-BS1)							Prepared: 1	1/28/22 A	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			
p-Xylene	4.55	0.0250	5.00		91.0	70-130			
o,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:	E211148-0)2	Prepared: 1	1/28/22 A	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			
p-Xylene	4.61	0.0250	5.00	ND	92.2	63-131			
o,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:	E211148-0)2	Prepared: 1	1/28/22 A	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	
	4.80	0.0250	5.00	ND	95.9	61-130	4.91	20	
Toluene									
Toluene p-Xylene	4.86	0.0250	5.00	ND	97.3	63-131	5.30	20	
		0.0250 0.0500	5.00 10.0	ND ND	97.3 95.7	63-131 63-131	5.30 6.40	20 20	
p-Xylene	4.86								



QC Summary Data

		$\mathbf{t} \in \mathbf{v}$		i j Duu	•				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	9′	-9 Pipeline Re 7057-0001 eather Woods	lease				Reported: 11/29/2022 3:37:26PM
	No	nhalogenated C	rganics	by EPA 801	5D - GI	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2249004-BLK1)							Prepared: 1	1/28/22 A	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: 1	1/28/22 A	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-()2	Prepared: 1	1/28/22 A	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: 1	1/28/22 A	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

		$\mathbf{x} \in \mathbf{z}$		ary Date	•				
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		-9 Pipeline Rel 7057-0001	lease				Reported:
Carlsbad NM, 88220		Project Manager:	Н	leather Woods					11/29/2022 3:37:26PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2249010-BLK1)							Prepared: 1	1/28/22 A	nalyzed: 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: 1	1/28/22 A	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: 1	E211154-(05	Prepared: 1	1/28/22 A	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: 1	E211154-(05	Prepared: 1	1/28/22 A	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

		$\mathbf{x} \in \mathbf{x}$		ary Dav	~					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager	(A-9 Pipeline Release 97057-0001 Heather Woods					Reported 11/29/2022 3:3'	
		Anions	by EPA	300.0/90564	4				Analyst: RAS	5
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %		
	6 6	6.6		00	,,,					
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)	08-MS1) Source: E211152-01 Prepared					Prepared:	11/28/22	Analyzed: 11/29	/22	
Chloride	716	20.0	250	516	80.1	80-120				
Matrix Spike Dup (2249008-MSD1)				Source:	E211152-0	1	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.



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
1.12	inalyte no r bbribe ribb at or above are reporting initi

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.



Released Project Information	Chain of Custody					CT:	50	210	Page_	11
Project mildring of						5/1	TAT	E	PA Program	n
0	Bill To				Use On	1 1	1D 31	D RCRA	CWA	SDWA
Client: Sauder Miller + Associates	Attention: Enterprise	Lab V	NOH		Job	Number	10 31			
<u>Client: Souder Muler & Associates</u> <u>Project: A-9 Pipeline Delease</u> <u>Project Manager: Heatty Woods</u>	Address:	PE	NO# 1115	54	91	57-0001	<u> </u>		Sta	te
Project Manager: Heethy Woods	City, State, Zip				Analy	sis and Metho			NM CO	UTAZ
		T								
Address. Jan Carlsbad NM 38220	Phone:	2	-2						TX OK	
a LITY, SIZLE, ZIJ COULDED	Email:	108	80	_	_	2	5		IX UN	
Address: Salts - These and NM 28226 <u>City, State, Zip Cansbad, NM 28226</u> <u>Phone:</u> <u>Ermail:</u>	PO 325484	Vd (Vil C	802	010	300	ž	ž		
23 <u>Ernail:</u>	20023409	DRO/ORO by 8015	GRO/DRO hy 8015	BTEX by 8021	VOC. by 8260 Metals 6010	Chloi tde 300.0	BGDOC - NM	8GDOC - 1X	Ren	narks
Report due by:	Lab	jõ	10	EX	OC.	PH	BGL	age 1		
Time Date Matrix No Sample ID	Numbe	ā	5	E	> 2	+				
Sampled Sampled							X			
Time Date Matrix Ne Sample ID Sampled Sampled Matrix Sample ID BSOI Q14										
Z 1214 11/23/22. SOIL BSOI (010							X			
	m' 17						~			
1152 11/23/22 5011 / BOO 3 POT							1			1
	3						X			
1222 11/23/22 Sp11 1 SW3			-				1			
ICE IN ESTOS	2-1 14						X			
1727 11/23/22 SOIL 1 SW4@C	9-1.5			++			27			
							X			
177 W11/23/22 CO11 1 SW4@7	.5 - 15									
122011/23/22 5011 5004607							X			
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	24			1						
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Additional Instructions: Mase send repor		P 31	0		1	Samples requiring therm	al preservat:	an aust be received a	+ + C DE SUBSEQUE	int davs
. (Field sampler), attest to the validity and authenticity of this sample. I am awar	e that tampering with or intentionally mislabelling the sample rotation of sample rotation of sample rotation of the sample rotation of t	<u> </u>				received packed in ice a	an aug tenn			
, (field sampler), attest to the value, or the ray be grounds for legal attion. Samp turne of collection is considered fraud and may be grounds for legal attion. Time	ied by: Jarahman Jehlua		175	me				Lab Use Or	nly	
time of collection is considered trade and may be greated Time	Received by: (Signature) Date	12 1			0	Received on	ice:	(Y) N		
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Retinquished by Bignature) Date U-15-22	100 Cartles Inter III	28/2	~	-	0	11		-		
Calle a La Course			Т	ime		1	-4			
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Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless	the second secon	ed to cli	ent or d	lisposed	d of at the	dient expense Th	e-sport :	U the aridi vois u		
Sample Matrix, 5: 300, 50 days after results are reported unless Note: Samples are discarded 30 days after results are reported unless only to those samples received by the laboratory with this COC. The	isother an angeneous are more those other amount paid for on the	report								
ony to those samples received by the open										
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5000 10 10 10 10 10 10 10 10 10 10 10 10	Dogo 16 of 19									

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Souder Miller Associates - Carlsbad Da	ate Received:	11/28/22	10:00		Work Order ID:	E211154			
Phone:	(575) 200-5443 Da	ate Logged In:	11/28/22	10:34		Logged In By:	Caitlin Christian			
Email:	Du	ue Date:	11/29/22	17:00 (1 day TAT)	I					
<u>Chain o</u>	f 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 [Value]					
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes							
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	nts/Resolution			
Sample	<u>Turn Around Time (TAT)</u>									
6. Did th	ne 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 th	he sample(s) received intact, i.e., not broken?		Yes							
10. Were	e custody/security seals present?		No							
11. If ye	s, were custody/security seals intact?		NA							
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re-	·	Yes							
12 Ifma	minutes of sampling	na anatana 10	C							
	visible ice, record the temperature. Actual sample ter	nperature: <u>4</u>	<u>c</u>							
	<u>Container</u>		NT							
	aqueous VOC samples present?		No NA							
	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		NA							
	a trip blank (TB) included for VOC analyses?		NA							
	non-VOC samples collected in the correct containers?		Yes							
	e appropriate volume/weight or number of sample containers	collected?	Yes							
Field La		concetted.	105							
	e field sample labels filled out with the minimum inform	ation								
	Sample ID?		Yes							
	Date/Time Collected?		Yes		L					
(Collectors name?		No							
	Preservation									
	s the COC or field labels indicate the samples were prese	erved?	No							
	sample(s) correctly preserved?	1.0	NA							
	b filteration required and/or requested for dissolved meta	us?	No							
	ase Sample Matrix									
	s the sample have more than one phase, i.e., multiphase?		No							
27. If ye	s, does the COC specify which phase(s) is to be analyzed	d?	NA							
<u>Subcont</u>	tract Laboratory_									
28. Are s	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 La	ıb: na					
<u>Client l</u>	Instruction									



envirotech Inc.

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mail: PO 325484		NO/ORO by BUIS	BIO/DRO IN WILL	BTEX by 8021	VOC by 8260	Metals 6010	Chiloi lide 300.0		NN-DODD	8GD00-1X		Roy	narks
eport due by:	lab	10/0	1/OF	LEX	OC.P	Aeta	hlor		360	agu		RE	
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	2								X				*
1152 11/23/22 5011 1 BSO3 P10'	10	-	1					F					
	3								X				
1222 11/23/22 5011 1 5W3	11			T					X				
	14				1			-	1				
	5								X				
122011/23/22 5011 1 504@7.5-15'	1			-	+		++					1	
TLOMENT	10				1				X		1		
120411232 5011 1 5007	10			+									
		-		T	10								
Per Client TAT Changed Client wants Prelims 11/29/22.		1		_	-				-				
rei cheis in chala									1.8			1	
Chert wants Prelims 11/24/22.			-		+		+	-	-	11			
												1	
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With allocations: i and to Savaman Sche	lea.(20	orce	aw	in 1	Go	iodma	m,°	* Hta	cetter	AP 1	10000	wa sam nied st
Additional Instructions: please send report to Sarahmany Schle	bration, date	a or	-0	false		51	emples teauring	thermal pr	eservator a densi a	taust be rec	eevedonike eistan é G	the day uner	are sampled of initially
a selicity and authenticity of this samcle. Fail etter a visit term	40					1	ettined backed a	n Kog all der a		11 11 11 11 11 11 11 11 11 11 11 11 11		In the second second	
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Relinguished by: (Signature) Date Time Received by: (Signature) 11/23/22 14000 Mid. du Very	11-2	3-2	2	14	00	1	Received	on ice	. (Y N			
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Reinquished by: (Signature)			- I		lace					slass, 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. Hatardous samples wi Note: Samples are discarded by the laboratory with this COC. The liability of the laboratory is limited to the amount paid	Cont	ainer	Type:	g - g	ed of a	t the c	lient expens	e There	eport is	r the anal	vsis of th	e sbove sa	mpies is app
Sample Matrix: 5 - 504, 54 - 5040, 75 after results are reported unless other arrangements are made. Hatardous samples wi	for on the r	eport											and the second se
Sample Matrix: 3 - Social Biological Social							The same						
anvirotech					•								
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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

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

CONDITIONS

Created By Condition

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 rhamlet

Action 171312

Condition Date