ALEUTIAN 10 CTB 2

11/1/2023

OCD INCIDENT # nAPP2330623246

Spill Volume(Bbls) Calculator Inputs in blue, Outputs in red				
Contaminat	ed Soil measurement			
Area (square feet)	Depth(inches)			
<u>3500.583</u>	0.063			
Cubic Feet of Soil Impac	ted <u>18.232</u>			
Barrels of Soil Impacte	d <u>3.25</u>			
Soil Type	Clay/Sand			
Barrels of Oil Assumin 100% Saturation	<u>0.49</u>			
Saturation Da	mp no fluid when squeezed			
Estimated Barrels of O Released	il 0.05			
Free St	anding Fluid Only			
Area (square feet)	Depth(inches)			
<u>2000</u>	<u>0.250</u>			
Standing fluid	<u>7.427</u>			
Total fluids spilled	<u>7.915</u>			



April 24, 2024 #5E32074-BG13

NMOCD District 2 811 S. First St Artesia, NM 88210

SUBJECT: Closure Report for the Aleutian 10 CTB 2 Release (nAPP233062346), Eddy County, New Mexico

1.0 Introduction

On behalf of Devon Energy Production Company (Devon), Souder, Miller & Associates (SMA) has prepared this Closure Report that describes the remediation of a produced water release related to oil and gas production activities at the Aleutian 10 CTB 2 facility (nAPP233062346). The release site is located in Unit Letter J, Section 10, Township 23S, Range 31E, (32.3154437, -103.7621329) Eddy County, New Mexico, on Federal land. Figure 1 illustrates the vicinity and site location on a United States Geological Survey (USGS) 7.5-minute quadrangle map.

Table 1: Release Information and Closure Criteria						
Name	Aleutian 10 CTB 2	Company	Devon Energy Production Company			
API Number	N/A	Location	S10, T23S, R31E 32.3154437, -103.7621329			
Incident Number	nAPP233062346 Land Status		Federal (BLM)			
Date of Release	November 01, 2023					
Source of Release	Gasket leak					
Released Volume	8 bbls Produced Water	Recovered Volume	2.5 bbls Produced Water			
NMOCD Closure Criteria	Depth to groundwater >100 feet bgs					

2.0 Background

On November 1, 2023, a 10" trunkline gasket developed a leak, causing fluid to be released into and outside of the lined containment. Total fluids released amounted to 8 barrels (bbls) of produced water inside and around the lined secondary containment of the tank battery. Initial response activities were conducted by the operator and included source elimination, site stabilization, and recovery of approximately 2.5 bbls of produced water. A copy of the C-141 is provided in Appendix A.

3.0 Site Information and Closure Criteria

The Aleutian 10 CTB 2 Facility is located approximately 20 miles northeast of Loving, New Mexico, on Federal (BLM) land at an elevation of approximately 3,415 feet above mean sea level (amsl).

Depth to Groundwater

A search of the New Mexico Office of the State Engineer (OSE) New Mexico Water Rights Reporting System (NMWRRS) and the USGS National Water Information System yielded one result within ½ mile of the site. Per the well plugging plan for POD C-2777, depth to groundwater was measured at 466 feet below grade surface (bgs). Thus, depth to groundwater is considered to be greater than 100 feet bgs for Closure Criteria determinations. A copy of the POD C-2777 well plugging plan is included in Appendix B, and the location of the well is shown on Figure 1.

Wellhead Protection Area

There are no known water sources within a ½ mile of the location, according to the NMOSE NMWRRS and USGS National Water Information System. Registered wells in the vicinity are shown in Figure 1.

Distance to Nearest Significant Watercourse

The nearest source is an unnamed ephemeral draw approximately 5.5 miles to the southwest of the location.

Distance to Sensitive Areas

Closure Criteria Determination. Figures 1 and 2 illustrate the 200 and 300foot radii, indicating that the site does not lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 NMAC.

Based on the information presented herein, this site's applicable NMOCD Closure Criteria is set to the standards for depth to groundwater greater than 100 feet bgs.

4.0 Release Characterization and Remediation Activities

On November 14, 2023, SMA personnel performed initial site delineation sampling.

A total of 12 soil borings, BH01 through BH12, were advanced in and around the visibly stained area using a hand auger to depths ranging from 0 to 4 feet bgs. Additionally, one soil boring, BG01, was advanced to collect background samples in an undisturbed location off the well pad. A total of 52 delineation samples were collected from the release area per the sampling protocol included in Appendix D. Soil samples were field screened for chloride using an electrical conductivity (EC) meter. Soil boring locations are illustrated in Figure 3, field screening results are summarized in Table 3, and field notes and a photographic log are included in Appendix C.

All samples were submitted for laboratory analysis, including total chloride using the 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. Laboratory analytical results are summarized in Table 3, and laboratory reports are included in Appendix E.

Excavation activities were performed by a Devon construction crew with SMA oversight. Excavation activities lasted approximately two weeks. The remediation area was excavated by backhoe scraping in more open areas and hydrovacing and hand digging near pipelines and machinery. The impacted soil was moved directly from the excavation by the backhoe to a dump truck for removal from the site. The final remediation excavation at the most significant dimension measured approximately 92 feet by 53 feet with a maximum depth of 1.5 feet.

Aleutian 10 CTB2 nAPP2330623246 Closure Report

April 24, 2024

SMA personnel performed closure confirmation sampling on December 27, 2023 and January 11, 2024. A total of 30 closure confirmation samples were collected and submitted for laboratory analysis. Excavation samples were composed of 5-point composites collected every 200 square feet or less in accordance with the sampling protocol included in Appendix D. The confirmation samples were analyzed for chloride, BTEX, and TPH in the same manner as described above for the initial release assessment samples. Confirmation sample locations are illustrated in Figures 4a and 4b.

Laboratory analytical results report chloride, benzene, total BTEX, and total TPH concentrations below laboratory reporting limits (RLs) which are below the NMOCD Closure Criteria.

Excavated soils were transported to an NMOCD-permitted surface waste facility for remediation/disposal. The excavation was backfilled with clean, imported material and graded to match the surrounding area. Excavation extents and closure confirmation sample locations are depicted in Figure 3. A photo log is included in Appendix C. Confirmation laboratory results are summarized in Table 4. Laboratory reports are included in Appendix E.

5.0 Recommendations

As demonstrated in Table 4, all closure confirmation samples meet NMOCD Closure Criteria. This site had been remediated to meet the standards of Table I of 19.15.29.12 NMAC.

SMA recommends no further action for Incident Number nAPP233062346.

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 Sarahmay Schlea at (330) 958-5689.

Submitted by:

SOUDER, MILLER & ASSOCIATES

Reviewed by:

Georgeann Goodman Field Technician III

Stephanie Hinds, P.E. Project Engineer

Stephenie Shoots

REFERENCES:

New Mexico Office of the State Engineer (NMOSE) online water well database

Httpe://gis.ose.state.nm.us/gisapps/ose pod locations/

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

Aleutian 10 CTB2 nAPP2330623246 Closure Report

April 24, 2024

ATTACHMENTS:

Figures:

Figure 1: Topographic Site Map

Figure 2: Aerial Site Map

Figure 3: Delineation Sampling Locations
Figure 4: Conformation Sample Location Map

Tables:

Table 2: NMOCD Closure Criteria

Table 3: Summary of Initial Release Assessment Field Screening and Laboratory Analytical Results

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

Appendices:

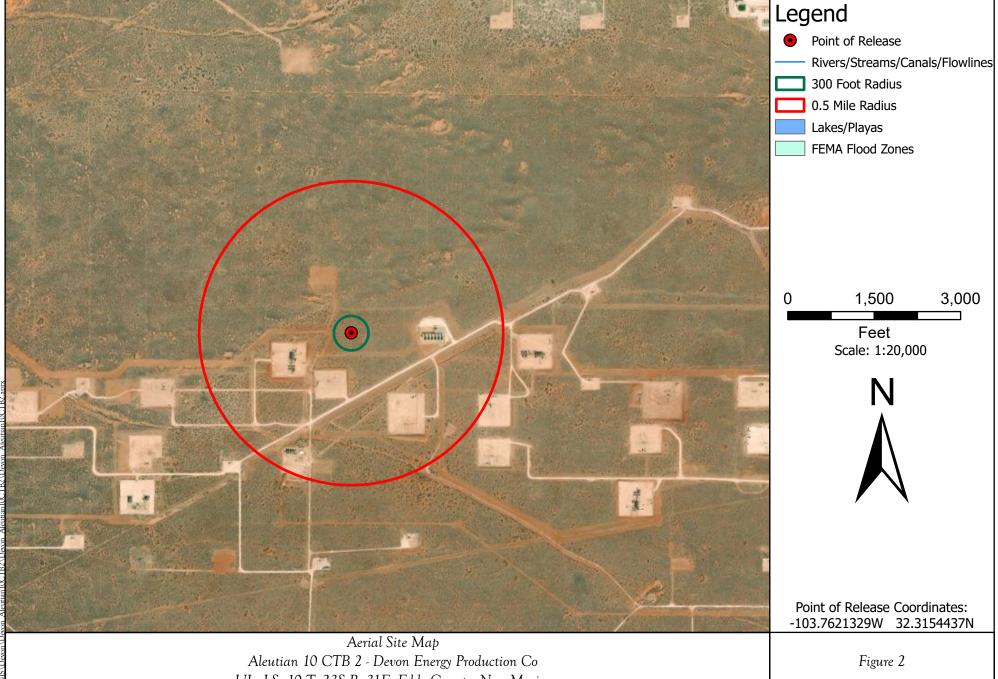
Appendix A: Correspondence Appendix B: Water Well Data

Appendix C: Field Notes and Photograph Log

Appendix D: Sampling Protocol

Appendix E: Laboratory Analytical Report

FIGURES



UL: J S: 10 T: 23S R: 31E, Eddy County, New Mexico

Revisions Date: _____ Descr: _ © Souder, Miller & Associates, 2021, All Rights Reserved

Sarahmay Schlea Drawn 11/10/2023 Date Checked Approved



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TABLES

Table 2: NMOCD Closure Criteria

Devon Energy Production Company Aleutian 10 CTB 2 nAPP2330623246

Site Information (19.15.29.11.A(2, 3, and 4) NMAC	Source/Notes	
Depth to Groundwater (feet bgs)	>100	United States Geological Survey
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	NA	New Mexico Office of the State Engineer
Hortizontal Distance to Nearest Significant Watercourse (ft)	22,275	United States Geological Survey Topo Map

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)							
·	Closure Criteria (units in mg/kg)						
Depth to Groundwater		Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	ВТЕХ	Benzene	
< 50' BGS		600	100		50	10	
51' to 100'		10000	2500	1000	50	10	
>100'	Х	20000	2500	1000	50	10	
Surface Water		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,		000	100		30	10	
institution or church?	No						
within incorporated municipal boundaries or within a defined							
municipal fresh water well field?	No						
<100' from wetland?							
within area overlying a subsurface mine	No						
within an unstable area?	No						
within a 100-year floodplain?	No						

Table 3: Delineation Sample Results

		Depth of Sample	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	(feet bgs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl-
		(1000.080)	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NN	AOCD Closure C	riteria	50	10				100	600
DUOA	11/14/2023	0							<20.0
BH01	11/14/2023	4							26.9
DUO	11/14/2023	0							305
BH02	11/14/2023	4							<20.0
DUO	11/14/2023	0							262
BH03	11/14/2023	4							<20.0
BH04	11/14/2023	0							136
BH04	11/14/2023	4	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH05	11/14/2023	0							12,100
впоэ	11/14/2023	4							41.4
BH06	11/14/2023	0	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	11,700
ВПОО	11/14/2023	4		-			-		35.6
BH07	11/14/2023	0		-					5,880
ВПО7	11/14/2023	4		-			-		88.3
BH08	11/14/2023	0		-			-		9,080
БПОВ	11/14/2023	4		-			-		67.7
BH09	11/14/2023	0		-					34.1
ВПОЭ	11/14/2023	4							<20.0
BH10	11/14/2023	0							<20.0
BITTO	11/14/2023	3							<20.0
BH11	11/14/2023	0							10,400
51111	11/14/2023	4							<20.0
BH12	11/14/2023	0							83.9
DITTE	11/14/2023	1							38.0
BG01	11/14/2023	0							<20.0
5001	11/14/2023	4							<20.0

Devon Energy Aleutian 10 CTB 2

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

nAPP2330623246

		Depth of Sample	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	D I Sample Datel '	(feet bgs)	ВТЕХ	Benzene	GRO	DRO	MRO	Total TPH	CI-
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NN	10CD Closure (Criteria	50	10				100	600
CS01	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	47.4
CS02	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	354
CS03	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	175
CS04	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	135
CS05	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	940
C303	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	35.8
CS06	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	111
CS07	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	486
CS08	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	59.1
CS09	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS10	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS11	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	37.5
CS12	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	69.5
CC12	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	604
CS13	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
661.4	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	1,280
CS14	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	32
CS15	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	52.0
6516	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	947
CS16	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	41.0
CS17	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	435
CS18	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS19	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	75.7
CS20	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	37.6
CC24	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	3,900
CS21	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	61.9
ccaa	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	2,750
CS22	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	68.5

Devon Energy Aleutian 10 CTB 2

Table 4: Summary of Excavation Confirmation Laboratory Analytical Results

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		Double of Committee	Metho	od 8021B		Metho	d 8015D		Method 300.0
Sample ID	Sample Date	Sample Date Depth of Sample (feet bgs)	ВТЕХ	Benzene	GRO	DRO	MRO	Total TPH	CI-
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NM	10CD Closure (Criteria	50	10				100	600
CS23	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	1,280
C323	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	55.8
CS24	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	1,300
C324	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	39.4
CS25	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	2,380
C323	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	87.9
CS26	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	132
CS27	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	67.5
CS28	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	297
CS29	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	1,640
C329	1/11/2023	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	4,090
CS30	12/27/2023	1	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	74.4
SW1	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	37.1
SW2	1/11/2024	1.5	<0.1000	<0.0250	<20.0	<25.0	<50.0	<95.0	153

Notes:

NMOCD - New Mexico Oil Conservation Division

GRO - gasoline range organics

VOCs - volitile organic compounds

DRO - diesel range organics

MRO - motor oil range organics

TPH - total petroleum hydrocarbons

BTEX - benzene, toluene, ethylbenzene, and xylenes

mg/kg - milligram per kilogram

bgs - below grade surface

APPENDIX A 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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID	OGRID		
Contact Nam	ie			Contact Te	Contact Telephone		
Contact email In					Incident # (assigned by OCD)		
Contact mail	ing address						
			Location	of Release So	ource		
Latitude				Longitude _			
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)		
Site Name				Site Type			
Date Release	Discovered			API# (if app	olicable)		
Unit Letter	Section	Township	Range	Coun	ntv		
Ont Letter	Section	Township	Runge	Coun			
Surface Owner	r: State	☐ Federal ☐ Tr	ibal Private (1	Name:)	
			Nature and	d Volume of I	Release		
Crude Oil		Volume Released		calculations or specific	volume Recovered (bbls)		
Produced	Water	Volume Release	` '		Volume Recovered (bbls)		
			ion of total dissol	ved solids (TDS)	Yes No		
		in the produced v	water >10,000 mg				
Condensa	te	Volume Release	d (bbls)		Volume Recov	vered (bbls)	
Natural G	as	Volume Release	d (Mcf)		Volume Recov	vered (Mcf)	
Other (describe) Volume/Weight Released (provide units)			e units)	Volume/Weight Recovered (provide units)			
Cause of Rele	ease						

Received by OCD: 5/6/2024 9:12:58 AM State of New Mexico
Page 2 Oil Conservation Division

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1 466	$I \cup U$	<i> 4</i> 7.

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respon	sible party consider this a major release?		
19.15.29.7(A) NMAC?				
☐ Yes ☐ No				
If VES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?		
Tr TDS, was ininicatate in	once given to the OCB. By whom. To wh	oni. When and by what means (phone, eman, etc).		
	Initial Ro	esponse		
The responsible p	party must undertake the following actions immediatel	v unless they could create a safety hazard that would result in injury		
☐ The source of the rele	ease has been stopped.			
☐ The impacted area ha	s been secured to protect human health and	the environment.		
Released materials ha	we been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.		
All free liquids and re	ecoverable materials have been removed and	I managed appropriately.		
If all the actions described	d above have <u>not</u> been undertaken, explain v	vhy:		
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease 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: Dale W		Title: Env. Professional		
Signature: <i>Dale U</i>	Poodall	Date:		
email:dale.woodall@d	vn.com	Telephone: 575-748-1838		
OCD Only				
Received by: Shelly Wel	lls	Date: 11/3/2023		

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Incident ID	nAPP2330623246	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

(ft bgs)				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
ls.				

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 5/6/2024 9:12:58 AM State of New Mexico
Page 4 Oil Conservation Division

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Incident ID	nAPP2330623246	
District RP		
Facility ID		
Application ID		

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:Dale Woodall	Title: Env. Professional				
Signature:	Date:				
email: <u>Dale.Woodall@dvn.com</u>	Telephone: <u>575-748-1838</u>				
OCD Only					
Received by: Date:					

by OCD: 5/6/2024 9:12:58 AM
State of New Mexico

Incident ID	nAPP2330623246
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.					
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation points □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC □ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 					
Deferral Requests Only: Each of the following items must be con-	afirmed as part of any request for deferral of remediation.				
Contamination must be in areas immediately under or around p deconstruction.	Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility				
Extents of contamination must be fully delineated.					
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.				
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Printed Name:	Title:				
Signature:	Date:				
email:	Telephone:				
OCD Only					
<u>OCD Only</u>					
Received by:	Date:				
☐ Approved ☐ Approved with Attached Conditions of	Approval				
Signature:	Date:				

te of New Mexico

Incident ID	nAPP2330623246
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 it	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete. Title:Env. Professional
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
remediate contamination that poses a threat to groundwater, surface	water, human health, or the environment nor does not relieve the responsible or regulations.

ALEUTIAN 10 CTB 2

11/1/2023

nAPP2330623246

WORK ORDER 21249344

What: 10" trunk line gasket blew apart two measurements one for inside containment and one for outside $Inside=13'11"x36'2"x\ 1/16"depth$ Outside=70'10"x50'7"x1/2"depth



Copy and Paste this section into TEAMS and/or Sheild Report

Person Reporting: Joe Gonzales

Foreman Name: Justin Coombes/Jared Armstrong

Facility Name: Aleutian 10 CTB 2

API (If applicable)

GPS: LAT. N32'18'55.536" LONG. W103' 45'43.648"

Section-Township-Range SEC. 10-T23S-R31E 1340' FSL & 1545' FEL

Fime of Incident 11/1/2023 0:13 Time Incident Found: 11/1/2023 0:13

TAKE PICTURE OF LEASE SIGN AND ADD ALL INFORMATION TO TEAMS.

Descrpition of Event (What & How) 10" Trunk line gasket blew apart causing spill in and outside containment on location.

Arrived on location found a stream of fluid coming from trunk line for transfer pumps. Shut off pumps and isolated leak. Had to shut in facilty for water take away. M1# 12237167 for repairs and M3# 12237168 for clean up. Contacted TCS trucking for clean up.

Immediate Actions

M3 # and Date Submitted

12237168 11/1/2023

All fluids stayed on pad

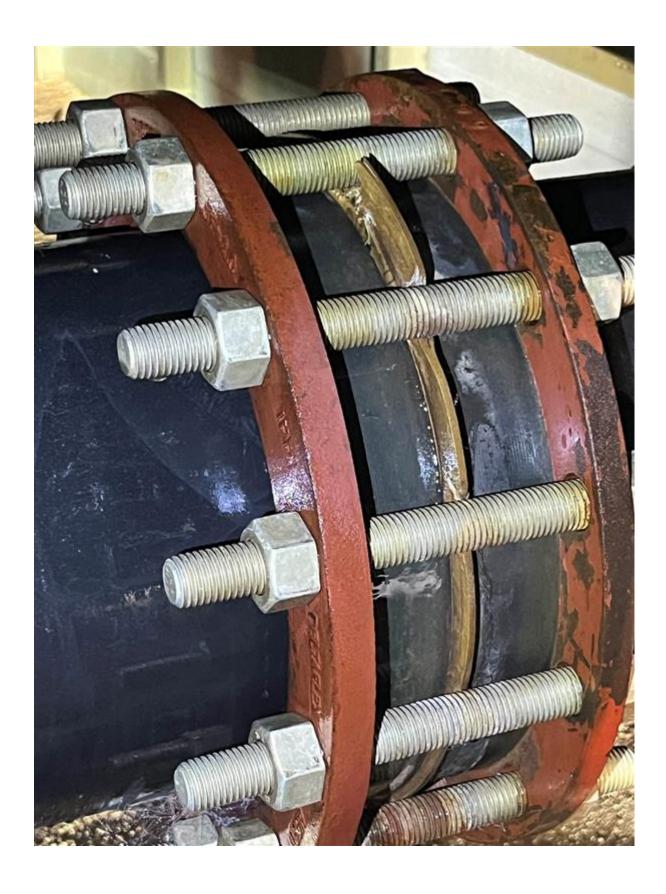
Yes No

	Released	Recovered]	
Гуре	bbls	bbls/gallons		
Dil		3000		
Produced Water	7.961]	
Gas				
Other				

Spill Volume(Bbls) Calculator					
Inputs in blue, Outputs in red					
Conta	aminated S	Soil measurement			
Area (square	feet)	Depth(inches)			
3500.583	1	0.063			
Cubic Feet of Soil	Impacted	<u>18.232</u>			
Barrels of Soil In	npacted	<u>3.25</u>			
Soil Type	2	Clay/Sand			
Barrels of Oil Assuming 100% Saturation		0.49			
Saturation	Damp	no fluid when squeezed			
Estimated Barrels of Oil Released		0.05			
Free Standing Fluid Only					
Area (square feet)		Depth(inches)			
2000		0.250			
Standing fluid		<u>7.427</u>			
Total fluids spilled		<u>7.915</u>			







From: Wells, Shelly, EMNRD

To: Sarahmay Schlea

Cc: Woodall, Dale; Reid Allan; Stephanie Hinds; Georgeann Goodman; Hamlet, Robert, EMNRD; Bratcher, Michael,

EMNRD

Subject: RE: [EXTERNAL] 48-hr Notification - Aleutian 10 CTB 2 (nAPP2330623246)

Date: Monday, November 6, 2023 8:19:26 AM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png

Hi Sarahmay,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive | Santa Fe, NM 87505

(505)469-7520|Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Sarahmay Schlea <sarahmay.schlea@soudermiller.com>

Sent: Monday, November 6, 2023 8:10 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Woodall, Dale <dale.woodall@dvn.com>; Reid Allan <reid.allan@soudermiller.com>; Stephanie Hinds <stephanie.hinds@soudermiller.com>; Georgeann Goodman

<Georgeann.Goodman@soudermiller.com>

Subject: [EXTERNAL] 48-hr Notification - Aleutian 10 CTB 2 (nAPP2330623246)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

Souder, Miller and Associates will be on location Wednesday, November 8, 2023, to conduct a liner inspection at the Aleutian 10 CTB 2 site (nAPP2330623246) located at 32.3154437, -103.7621329. Please consider this your 48-hour notification.

Thanks,

Sarahmay Schlea



Stronger Communities by Design





www.soudermiller.com

Staff Scientist II

Direct/Office: (575) 449-2758 Mobile: (330) 958-5689

201 S Halagueno St Carlsbad, NM 88220

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 Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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From: <u>Sarahmay Schlea</u>

To: <u>ocd.enviro@emnrd.nm.gov</u>

Cc: <u>Woodall, Dale;</u> <u>Stephanie Hinds;</u> <u>Reid Allan;</u> <u>Georgeann Goodman</u>

Subject: Aleutian 10 CTB 2 (nAPP2330623246) - Confirmation Sampling 48-hr Notification

Date: Monday, December 25, 2023 10:35:10 AM

Attachments: Outlook-behh4oxx.png

Outlook-4obolinc.png Outlook-islna5vw.png Outlook-eb2e2z4r.png

Good Morning,

Souder, Miller and Associates will be on location Wednesday, December 27, 2023, to conduct confirmation sampling at the Aleutian 10 CTB 2 site (nAPP2330623246) located at 32.3154437, -103.7621329.

The sampling surface area is approximately 5,880 sq.ft

At samples every 200 sq.ft. that would have us collecting roughly 29.4 (or 30) samples from the sample area.

Sampling date: December 27, 2023 at 11:00am

Navigation: From the intersection of Red Road and 128, head north on Red Road for 4.5 miles, before turning left and heading west for 1.5 miles. Turn right and head north to the pad area.

If you have any questions or concerns, please contact Sarahmay Schlea @ 330-958-5689 or Georgeann Goodman @ 575-725-1311

Thank you, and Happy Holidays.



Stronger Communities by Design







www.soudermiller.com

Sarahmay Schlea

Staff Scientist II (she/her)

Direct/Office: (575) 449-2758 Mobile: (330) 958-5689

201 S Halagueno St Carlsbad, NM 88220

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 Surveying Firm (10162200), WY Engineering/Surveying Firm (S-1704)

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From: Woodall, Dale

To: Stephanie Hinds

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 301016

Date: Monday, January 8, 2024 11:20:58 AM

fyi

Dale Woodall Environmental Professional Hobbs, NM

Office: 575-748-1838 Mobile: 405-318-4697 Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Monday, January 8, 2024 11:17 AM **To:** Woodall, Dale < Dale. Woodall@dvn.com>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application

ID: 301016

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2330623246.

The sampling event is expected to take place:

When: 01/11/2024 @ 10:00

Where: J-10-23S-31E 1353 FSL 1550 FEL (32.3154437,-103.7621329)

Additional Information: Stephanie Hinds, P.E.

Senior Engineer

Direct/Mobile: 505.793.7079

Office: 505.302.1127

Additional Instructions: From the intersection of Red Road and 128, head north on Red Road for 4.5 miles, before turning left and heading west for 1.5 miles. Turn right and head north to the pad area.

located at 32.3154437, -103.7621329.

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

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

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

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

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APPENDIX B WATER WELL DATA



WELL PLUGGING PLAN OF OPERATIONS



NOT	E: A Well Plugging Plan to plugging.	of Operations sh	nii be filed	with and accep	ted by th	ie Office o	f the State Engine	er prior
l F	LING FRE: There is no	filing fee for this fo	orm.	•				an-Tand on a same
II, G	ENERAL / WELL OW	YERSHIP:						
	ing Office of the State Eng	,	r (Well Nu	miber) for well to	be plugg	ged:	C-2777	
Name	of well owner: U.S.	Department of En	rgy Carlst	ad Field Office	·	-, ,,		
Maili	ing address: PO	Box 3090		<u> </u>	<u> </u>			
City:	Carlsbad	- <u></u>	State:	New Mexico		Fyria - maget w	_ Zip code: <u>8822</u>	1-3090
	e number: (575)-234-74				go Basab	ilyazo@w	pp.wa	
Well	WELL DRILLER INFO Driller contracted to provi Mexico Well Driller Licer	de plugging service			-			- · ·
,,,,,,				* 			- In action	25 (27 - 17)
TV. Y	WELL INFORMATION	<u>:</u>						
	A copy of the existing W	-	well to be r	olugged should be	e attachec	l to this pla	an.Í	
	. 1		•					
1)	GPS Well Location:	Latitude: Longitude:	32 -103	deg, 18 deg, 45			_ sec, NAD 83	
2)	Reason(s) for plugging	well: A recent vic	ico log sho	wed that the ope	n hole po	rtion has f	lled in and the stee	i casing
	is degraded.			· · · · · · · · · · · · · · · · · · ·	· · · · ·			
			· · · · · · · · · · · · · · · · · · ·				The second secon	
3)	Was well used for any what hydrogeologic p water, authorization fro	arameters were me	onitored.	If the well was	used to r	nonitor co	ntaminated or poo	
4)	Does the well tap brack	rish, saline, or othe	rwise poor	quality water?	YES	If yes,	provide additional	detail,
	including analytical res	sults and/or laborat	ory report(s): Histori	cal water	quality sa	mpling from 1985	showed
	results of TDS: 140.50	0 mg/L: CI: 79:00	mg/L: N	: 49.200 mg/L:	Ca: 1.76	mg/L: W	e: 1.980 mg/1. SC	7.210
	mg/L: pH: 7:2			***				
5)	Static water level: 466	25 (bot)	below land	surface feet abo	ove land	surface (circle one)	
6)	Depth of the well: 890	feet	-					

Well Plugging Plan Version: December, 2011 Page 1 of 5

7)	Inside diameter of innermost casing: 5 inches.
8)	Casing material: Steel
9)	The well was constructed with:
	XX an open-hole production interval, state the open interval: 823-890 ft
	a well screen or perforated pipe, state the screened interval(s):
10)	What annular interval surrounding the artesian casing of this well is cement-grouted? 823 to surface
11)	Was the well built with surface casing? YES If yes, is the annulus surrounding the surface casing grouted
	or otherwise scaled? YES If yes, please describe: The annulus is comented completely with Portland
	Type II cement:
12)	Has all pumping equipment and associated piping been removed from the well?YES If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form:
V. DE	SCRIPTION OF PLANNED WELL PLUGGING:
pipe, a	f this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional al information, such as geophysical logs, that are necessary to adequately describe the proposal.
1)	Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology
	proposed for the well:
2)	Will well head be cut-off below land surface after plugging? No.
VL PL	UGGING AND SEALING MATERIALS:
Note: 1	The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty scalant
1)	For plugging intervals that employ cement grout, complete and attach Table A.
2)	For plugging intervals that will employ approved non-cement based scalam(s), complete and attach Table B.
3)	Theoretical volume of grout required to plug the well to land surface: 5 yards
4)	Type of Cement proposed: Portland: Type II.
5)	Proposed cement grout mix: 5 to 6 gallons of water per 94 pound sack of Portland cement.
6)	Will the grout be: XX batch-mixed and delivered to the site
	mixed on site

Well Plugging Plan Version: December, 2011 Page 2 of 5

7)	Grout additives requested, and percent by	dry weight relative to coment:	
8)	Additional notes and calculations:	See attached scope of work for additional inform	n etion.
	The state of the s		
VII.	ADDITIONAL INFORMATION: List ad	ditional information below, or on separate sheet(s):	•
	See attached scope of work for additional	information.	
<u> </u>	<u> </u>		
	<u></u>	y	
			<u> </u>
	<u></u>		The state of the s
	to the large contract to the c	 	
			<u></u>
Opera Engir	ations and any attachments, which are a part I	, say that I have carefully read the foregoing Whereof, that I am familiar with the rules and regulated will comply with them, and that each and all of the structo the fest of my knowledge and belief. Signature of Applicant	ons of the State
		colginate of Approxim	. Date
IX. A	ACTION OF THE STATE ENGINEER:		. •
This 1	Well Plugging Plan of Operations is:	t	
	Approved subject to the attache Not approved for the reasons pr		
	Witness my hand and official seal this	25th day of June	2014
		Scott A. Verhines State Engineer By: The Control of the Control o	Well Plugging Plan Version: December, 2011 Page 3 of 5
		and the same	

Conditions of Approval: Artesian Well Plan of Operations for Monitoring Well C- 3749 POD 1 and Plugging Plan for replacement well to C-2777 POD 1:

- The target aquifer for the applicant is the Culebra member of the Rustler Formation, estimated from 823 to 850 ft below ground surface. The annular seal above and below the screened interval shall be placed such that Culebra Member is isolated from overlying Tamarisk and underlying Los Medanos Members.
- Based on submitted groundwater quality parameters, moderate concentrations of sulfate are anticipated to occur in groundwater at this location, therefore, Type II Portland (sulfate-resistant) cement is required where groundwater concentrations of up to 1500 mg/l SO₄ are encountered. Type V or comparable or fly-ash enhanced sulfate resistant cement is required where bedded sulfate mineralogy or groundwater concentrations of SO₄ exceed 1500 mg/l. Per phone conversation with driller, Southwest Readimix and OSE representative, Southwest Readimix Type I/II also meets ASTM standards for Type V sulfate resistant cement. Salt content of the surrounding formation may also impact sealing abilities of cement and bentonite. As such, the driller has proposed the use of SuperFlex Polyacrylate Grout which is approved for potable water systems and suitable for saline water conditions. The OSE finds the product appropriate for the annular seal above/below the filter pack.
- The blend of water to cement ratio shall be up to 5.2 to 6 gals per sack of cement for Portland Type II cement and accordance to manufacturer's specifications for sulfate and/or salt resistant blends.
- A variance is issued to omit steel casing and allow for the use of fiberglass production casing, which shall installed using centralizers as specified on the Plan. As communicated to the OSE representative, the fiberglass casing has been used extensively at the WIPP The application of annular sealants shall be conducted under pressure using tremie pipe. The OD of the casing is listed as 5.5 inches with the borehole diameter as 12 inch which provides sufficient annular space. The fiberglass casing will not require inspection prior to installation by an OSE representative.
- It will not be mandatory for an OSE representative to witness the cementing; however, please notify the OSE District II Office of the anticipated schedule for these events so that an OSE representative may have the opportunity to witness the procedures.

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

RETURN THE RESERVE	Interval 1 - deepest	Interval 2	Interval 3 - most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	0)	
Bottom of proposed interval of grout placement (ft bgl)	890		
Theoretical volume of grout required per interval (gallons)	1009		
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch- mixed and delivered?	Batch-mixed and delivered		•
Grout additive 1 requested			
Additive I percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to coment			

Well Plugging Plan Version: December, 2011 Page 4 of 5

TABLE B - For plugging intervals that will employ approved non-coment based scalant(s). Start with despest interval.

He way to the term	Interval 1 - deepest	Interval 2	Interval 3 - most skallow
			Note: if the well is non-artesian and breaches only one aquifor, use only this column.
Top of proposed interval of sealant placement (ft bgf)			
Bottom of proposed scalant of grout placement (ft bgf)	A		
Theoretical volume of scalant required per interval (gallons)		1	
Proposed abandonment scalant (manufacturer and trade name)	į.		

Well Plagging Plan Version: December, 2011 Page 5 of 5

Goetz, Catherine, OSE

From: Sent: Joel Stewart [joel@stewartbrothers.com]

Wednesday, June 25, 2014 4:21 PM Goetz, Catherine, OSE

To: Subject:

Sulphate Resistant Cement for WIPP Project

Catherine,

I apologize for the delay in getting this to you. I got two phone calls right after we had spoken.

As we discussed on the telephone, the cement blend that SE Redimix will provide is sulphate resistant and meets the specifications of Type V. Please let me know if you need anything else.

Thanks for your help on all of this!

Also thanks for checking on the Jimmy Johnson permit for me.

Please give me a call if you have any questions.

Joel Stewrt Stewart Brothers Drilling Co. (505) 240-0681

Goetz, Catherine, OSE

From:

Joel Stewart [joel@stewartbrothers.com]

Sent:

Wednesday, June 25, 2014 2:33 PM

To:

Goetz, Catherine, OSE

Cc:

Randy Stewart

Subject:

Stewart Brothers - WIPP - Procedures for Bentonite Seal

Hello Catherine,

I'm waiting to hear back from the SE Redimix guy to further discuss the sulphate resistant cement issue.

For the monitor well, as we have discussed we propose to use the following approach for the bentonite seals below and above the screen in order have it properly isolated.

Our drilling fluid engineer recommends using "Superflex Polyacrylate Grout". It is NSF 61 approved for use in potable water systems. For this application I would recommend placing 3-5 of very fine transition sand on top of the sand pack of screen section. Then +/- 5' of fairly coarse pea gravel to make the acrylate seal in. The pea gravel acts as a heat sink for the exothermic reaction of the grout setting process (temps up to 160F for a short period of time, usually less than 15 minutes). It also provides a lattice structure which strengthens the seal.

Thanks,

Joel H. Stewart Stewart Brothers Drilling Co. (505) 240-0681

Goetz, Catherine, OSE

From:

Clayton Thayer [clayton@stewartbrothers.com]

Sent:

Wednesday, June 11, 2014 8:55 AM

To:

Goetz, Catherine, OSE

Cc:

Joel Stewart; Rick Salness (Washington TRU Solutions)

Subject:

WIPP C-2777 monitoring well

Attachments:

App to Plug.pdf; H-12 plugging_SOW.docx; H-12R drilling plan of operations.doc;

H-12R Application to Drill.doc; H-12R drilling SOW.docx

Ms. Goetz:

I spoke with Joel Stewart this morning and he asked that I confirm receipt of these documents on his behalf. Stewart Brothers Drilling Company, and Joel Stewart specifically, consent to the appropriate parties at WIPP submitting the Plan of Operation on our behalf.

Joel Stewart is currently out of the office but will be back in the office on Friday should you need to confirm any of this verbally with him.

Respectfully,

Clayton Thayer

STEWART BROTHERS DRILLING COMPANY

P.O Box 2067 Milan, New Mexico 87021

Office: 505,287,2986 Mobile: 505,240,0833

Email: clayton@stewartbrothers.com

Begin forwarded message:

From: "Salness, Rick - RES" < richard.salness@wipp.ws>

To: "Joel Stewart" < joel@stewartbrothers.com>

Cc: "Basabilvazo, George - DOE" < George Basabilvazo@wipp.ws>, "Seal, Brett - RES" < brett.seal@wipp.ws>, "katherine.goetz@state.nm.us" < katherine.goetz@state.nm.us>

Subject: FW: Application to Drill H-12

Joel – over the years we have developed and signed the Plan of Operation for P&A and drilling wells for the New Mexico Office of the State Engineer (NMOSE) and have had them approved accordingly. In 19.27.4.31 NMAC it requires the Licensed Well Driller to completed the Plan of Operation. In discussions with Ms. Kathy Goetz of the NMOSE today, she has agreed to an email from you approving the attached applications and plans. I know you have seen these before with the bid package, but feel free to review again. If you could then forward this email, and cc all persons referenced, to Kathy with your approval it will satisfy this requirement.

Also, in our bid package and in accordance with past operations, we have requested a 15 pound per gallon cement mix for plugging. Kathy prefers a thicker mixer of 15.6 pounds per gallon and will make a note in the permit regarding this request. Give me a call with any questions.

Thanks,

Rick Salness, P.G. Manager, Environmental Monitoring and Hydrology Nuclear Waste Partnership, LLC. - Regulatory Environmental Services Contractor for the U.S. Department of Energy richard.salness@wipp.ws mailto:richard.salness@wipp.ws (575)234-8966



WELL PLUGGING PLAN OF OPERATIONS



NOTE	A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging.
<u>I. FIL</u>	ING FEE: There is no filing fee for this form.
II. GE	NERAL/WELLOWNERSHIP:
Existing	g Office of the State Engineer POD Number (Well Number) for well to be plugged:
Name o	f well owner: U.S. Department of Energy Carlsbad Field Office
Mailing	address: PO Box 3090
City: _	Carlsbad State: New Mexico Zip code: 88221-3090
Phone i	number: (575)-234-7488 E-mail: George.Basabilvazo@wipp.ws
<u>III. W</u>	ELL DRILLER INFORMATION:
Well D	riller contracted to provide plugging services: Stewart Brothers Drilling Company
New M	exico Well Driller License No.: WD331 Expiration Date: 8/31/15
	•
<u>iv. w</u>	ELL INFORMATION:
Note: /	A copy of the existing Well Record for the well to be plugged should be attached to this plan.
1)	GPS Well Location: Latitude:deg,18min, 42.0588sec Longitude:103deg,45min, 26.7078sec, NAD 83
	Longitude: -103 deg, 45 min, 26.7078 sec, NAD 83
2)	Reason(s) for plugging well: A recent video log showed that the open hole portion has filled in and the steel casing
	is degraded.
3)	Was well used for any type of monitoring program? YES If yes, please use section VII of this form to detail
	what hydrogeologic parameters were monitored. If the well was used to monitor contaminated at poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.
4	N E -
4)	Does the well tap brackish, saline, or otherwise poor quality water? YES If yes, provide additional actual,
	including analytical results and/or laboratory report(s): Historical water quality sampling from 1985:showed
	results of TDS: 140,500 mg/L; Cl: 79,000 mg/L; Na: 49,200 mg/L; Ca: 1,760 mg/L; Mg: 1,980 mg/L; SG ₄ :77,210
	mg/L; pH: 7.2
5)	Static water level: 466.25 Geet below land surface feet above land surface (circle one)
6)	Depth of the well: 890 feet
<i>0)</i>	pepul of the work. as the second of the seco

Well Plugging Plan Version: December, 2011 Page 1 of 5

7)	Inside diameter of innermost casing: 5 inches.
8)	Casing material: Steel
9)	The well was constructed with: XX an open-hole production interval, state the open interval: 823-890 ft
	a well screen or perforated pipe, state the screened interval(s):
10)	What annular interval surrounding the artesian casing of this well is cement-grouted? 823 to surface
11)	Was the well built with surface casing? YES If yes, is the annulus surrounding the surface casing grouted
	or otherwise sealed? YES If yes, please describe: The annulus is cemented completely with Portland
	Type II cement.
12)	Has all pumping equipment and associated piping been removed from the well? YES If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.
V. DES	SCRIPTION OF PLANNED WELL PLUGGING:
pipe, a c	f this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional information, such as geophysical logs, that are necessary to adequately describe the proposal. Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well: Tremie Pipe
2)	Will well head be cut-off below land surface after plugging? No
VI. PL	UGGING AND SEALING MATERIALS:
Note: T	he plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant
1)	For plugging intervals that employ cement grout, complete and attach Table A.
2)	For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
3)	Theoretical volume of grout required to plug the well to land surface: 5 yards
4)	Type of Cement proposed: Portland Type II
5)	Proposed cement grout mix: 5 to 6 gallons of water per 94 pound sack of Portland cement.
6)	Will the grout be: XX batch-mixed and delivered to the site mixed on site

7)	Grout additives requested, and percent by dry	weight relative to cement: NA	<u> </u>
	· · · · · · · · · · · · · · · · · · ·		
	,		-
8)	Additional notes and calculations:S		ormation.
		*	. ,
	·		
VII.	ADDITIONAL INFORMATION: List addition	al information below or on separate sheet(e).
<u> </u>	See attached scope of work for additional info	•	•
	See attached scope of work for additional into	mation.	
			····
			
I, G	SIGNATURE: George T. Basabilvazo	say that I have carefully read the foregoing	g Well Plugging Plan of
Opera Engin	tions and any attachments, which are a part hereo eer pertaining to the plugging of wells and will co ing Plan of Operations and attachments are true to	f; that I am familiar with the rules and regul emply with them, and that each and all of the	lations of the State
		eorge T Basabiliza	1-13-14
		Signature of Applicant	Date
			STA RO 2014
IX. A	CTION OF THE STATE ENGINEER:	'	JRN JRN
This V	Well Plugging Plan of Operations is:	•	MGII LL, 1
	Approved subject to the attached cor		HEER NEW M
	Witness my hand and official seal this	4th day of Morch	0FFIGE 10 00
÷	·	Scott A. Verhines, State Engineer	
		By: Time Welliams	•

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
:			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	,		
Bottom of proposed interval of grout placement (ft bgl)	890	•	
Theoretical volume of grout required per interval (gallons)	1009	-	•
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch- mixed and delivered?	Batch-mixed and delivered	· ·	
Grout additive 1 requested			
Additive I percent by dry weight relative to cement	Charles of the Control of the Contro		•
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			•

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 - most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			·
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			·
Proposed abandonment sealant (manufacturer and trade name)			·

STATE ENGINEER OFFICE ROSWELL, HEW MEXICO

SCOPE OF WORK

WELL H-12 PLUGGING AND ABANDONMENT

MTO 416558 - Task 4

Fiscal Year 2014

1.0 INTRODUCTION

H-12 (OSE File # C-2777) is in eastern Eddy county in Section 15, Township 23 south, Range 31 east. H-12 was drilled in 1983 by Pennsylvania Drilling Company for the U.S. Department of Energy (DOE) to establish flow characteristics existing south to southeast of the WIPP site in the Culebra member of the Rustler Formation.

Well H-12 (OSE #C-2777) was drilled in October 1983 as a hydrologic test hole to evaluate the transmissivity of the Culebra dolomite. A 7 7/8 inch hole was drilled to approximately 820 feet bgs and a 5 1/2 inch O.D. steel casing was cemented in place. The hole was then deepened as a 4 3/4 inch hole to 1001 feet bgs. In December 1983 the hole was plugged with cement to 890 feet bgs for Culebra monitoring (Figure 1). This well was also cleaned out in 2008 and a video log in July 2010 showed the open hole section to be filled in to approximately 836 feet bgs, leaving 16 feet of the open hole section clear. It was decided to schedule the well for replacement.

2.0 SCOPE OF WORK

The work scope for well H-12 is to plug and abandon and remove it from the monitoring network. Following completion of the plugging process, the well driller will complete a well report documenting the plugging process and submit it to the New Mexico Office of the State Engineer (NMOSE).

For Well H-12, the Contractor Shall:

1. Mobilize to Well H-12 location.

ze to Well H-12 location.

Move all necessary equipment and materials to the location and prepage to perform P&A activities.

We well head appurtenances.

2. Remove well head appurtenances.

3. Scrape the well casing to remove debris and corrosion, creating a smooth surface for cement adhesion.

4. Circulate the well inside the casing to remove all debris down to the total depth of the well, confirming all debris has been cleaned to total depth.

- 5. Cement well from total depth to the surface using Portland Type II Neat Cement mixed with freshwater to a density of 15 pounds per gallon, containing no more than 3% calcium chloride. Contractor shall provide cement scales to confirm density of cement mix.
- 6. Monument H-12 according to BLM requirements (Figure 2).
- 7. Record the plugging and abandonment of H-12 (C-2777) with the NMOSE by a licensed New Mexico water well driller.

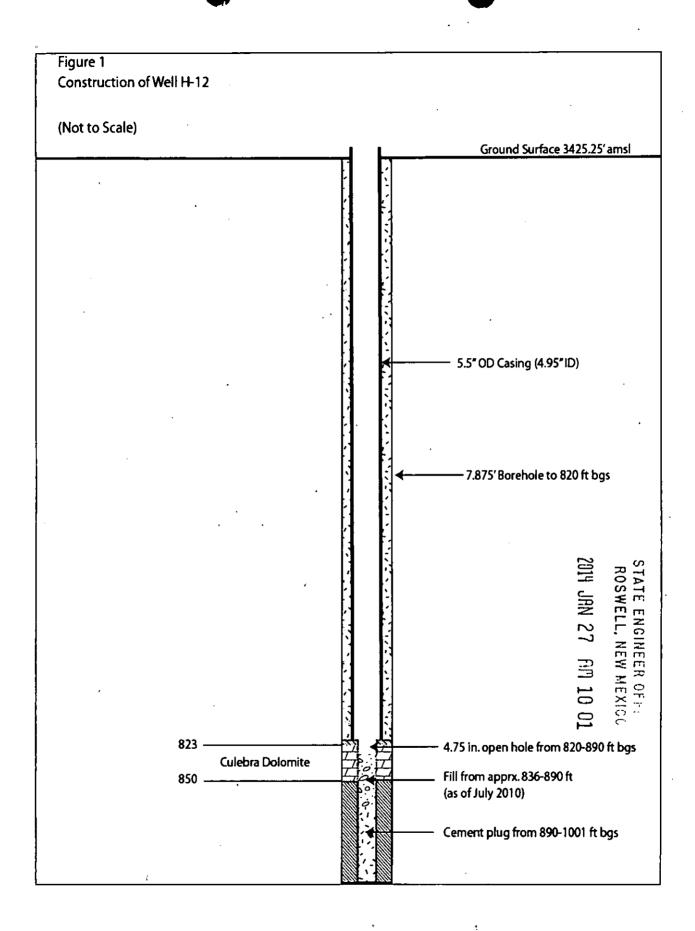
Other Scope Requirements

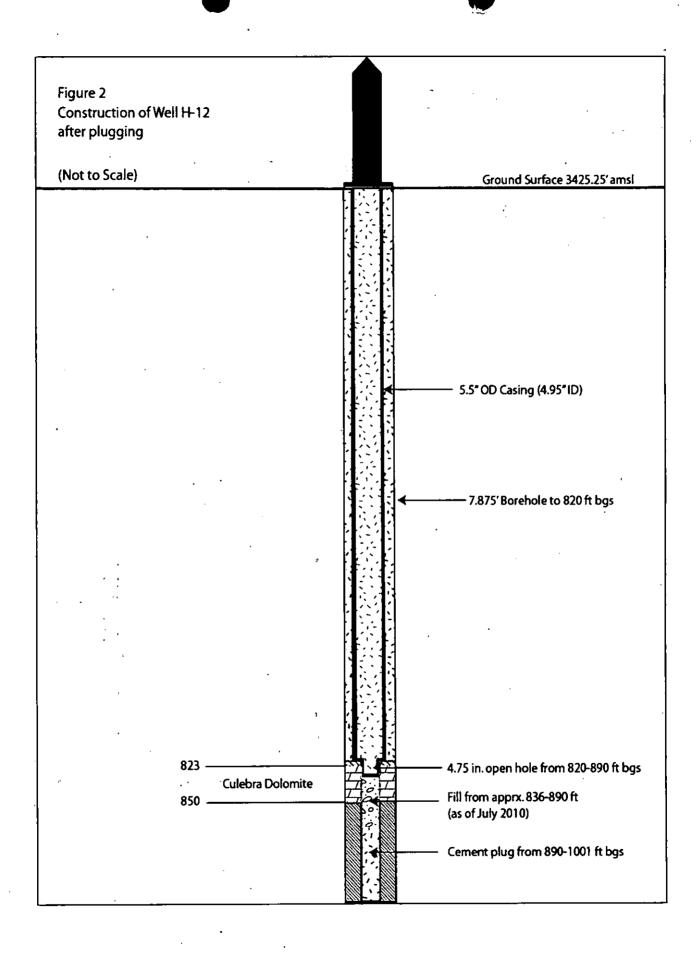
- 1. Provide current Job Hazard Analysis of P&A work for review and approval by NWP safety personnel prior to starting work.
- 2. Provide ancillary support for scheduling water trucks, vacuum trucks (if needed), frac tanks, and cleaning/policing the location and managing trash.
- 3. Provide daily cost and driller reports to the Site Project Manager summarizing the cost for the previous day's work.
- 4. Quality requirements will be assured through STR management and oversight of contractor's fieldwork.

Well H-12 Deliverables

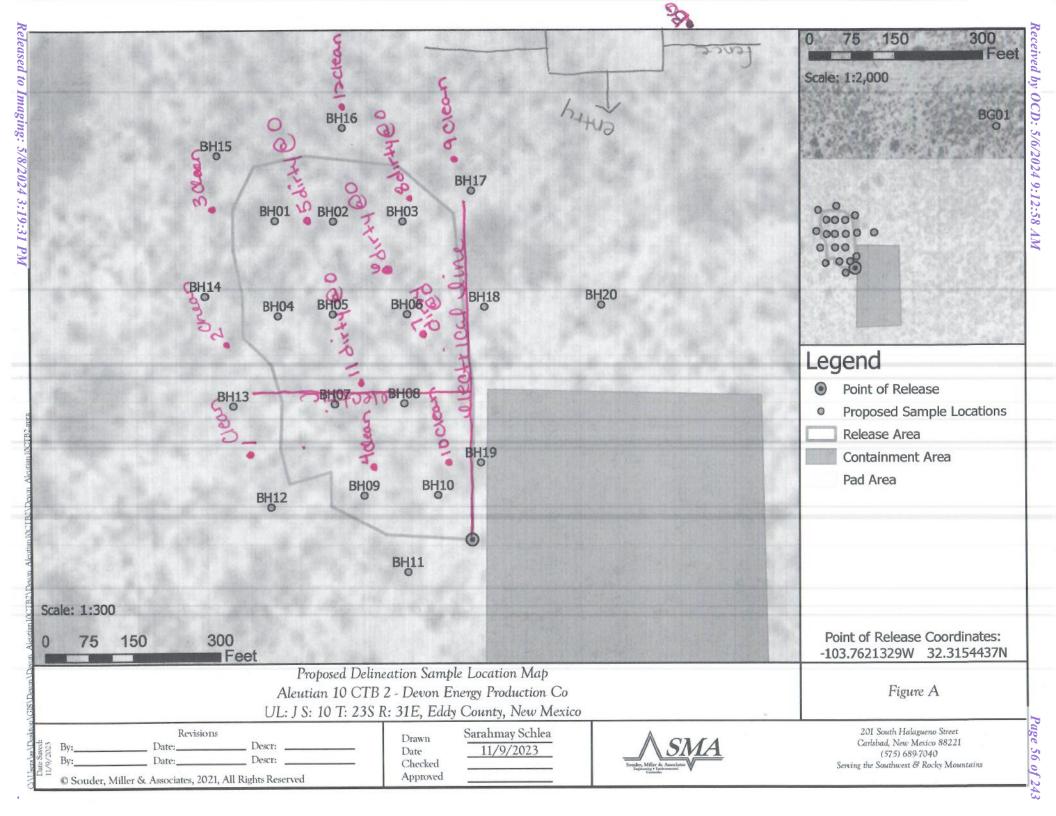
Within 20 days of completion of the activities at the H-12 pad, the contractor shall provide the following items to the WIPP representative:

1. Notification to the OSE of the well plugging and reconfiguration, signed by a Licensed Water Well Driller.





APPENDIX C FIELD NOTES AND PHOTOGRAPH LOG



LOCATION NAME:	Aleutin	n In	CTRA		SAMPLING D	ATE:
SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
BH01@0	0855		0.07	17.2		
BHOLO 1	0900		0.1	15.9		
BHOL@2	0902		0.07	15.8		
BHD1@3	0905		0.08	16.1		
BH01@4	0906		0.1	16.1		
BH02@0	0927		0.22	15.9		
BH0761	0943		0.07	15.7		
BH02@2	0945		0.04	16.2		
BH02@3	0947		רמים	15.9		
BH02@4	0949		0.06	110.4		
3H03@0	0957		0.22	16.4		
3403@1	1024		0.09	17.5		
BH03@2	1027		0.04	17.1		
3H03@3	1029		0.04	16.8		
3H03@4	1030		0.03	17		
2H0H@D	1056		0.02	18.9		
3404@1	1107		0.08	17.7		
340462	1109		0.07	16.9		
3404@3	1112		0.06	17		
3H04@4 oil color: light, dark, tan, b	1115		0.06	17.1		

soll color: light, dark, tan, brown, yellow, red, olive, gray

soil type: gravel, rock, sand, silty, clay

mositure level: dry, moist, wet

LOCATION NAME	0)01 1.0				CANADUMO	
SAMPLE NAME	Collection	PID C	TB2		SAMPLING D	MATE: 11 14/2023
	Time	Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
BH05@0	11:17		5.50	16.8		
BH05@1	11:25		0.08	17.4		-
BH05@Z	11:26		0.07	16.7		
BH05@3	11:49		0.17	16.9		
BH05Q4	11:51		0.08	16.7		
3HDW@D	11:56		5.05	16-6		
SHD10@1	12:00		0.13	17.3		
34010@2	12.02		0.00	168		
SHOLO@3	12:04		D.11	110.5		
HO1064	12:05		0.09	Necle		
3407@0	12:12		2.7	19.8		
SHOT@1	12:15		0.07	17		
SH07@4	12:18			168		
H08@0	12-27	ı	1.54	16.7		
H08@1	12:34		0.09	16.6		
H0864	12:37		2.11	16.9		
409@0	3:00	q		110.4		
409@1	13:08	0	0.06	1107		
HDQ @4	3:10	0	.08	6.7		
HOWD I	13:15		0.08	17		

soil color: light, dark, tan, brown, yellow, red, olive, gray soil type: gravel, rock, sand, silty, clay

mositure level: dry, moist, wet

		ΔS	<u>MA</u> F	IELD SCREEN	ING		
LOCATION NAME:	Aleutia	n 10	CTB 2		SAMPLING DATE: 11/14/2023		
SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION	
BH10@1	13:20		0.66	18,4			
8H10@3	13:26		0.00	17		Refusal	
BH11@0	13:31		3.74	16.4			
BHILDI	13:36		0.16	16.5			
BH11@4	1338		0.16	16.8			
341260	1345		0.14	16.7			
BH1261	1350		0.23	17.1		Refusal	
3601@0	1411		0.01	19.2			
3601@1	1415		0.01	19			
B601@2	1417		0.01	19.1			
3601@3	1420		0.02	19.1			
3602@4	1422		0.01	19			

soil color: light, dark, tan, brown, yellow, red, olive, gray

soil type: gravel, rock, sand, silty, clay mositure level: dry, moist, wet on Site at 8:20am meet on location with Andrew (PIMA). He stayed until 9:40am and was replaced by Audrey (PIMA).

Audrey ran ECS. I hand augered 13 holes to 4 Ft except for 2 that 1 MH either a rock or roots.

Audrey (PIMA) Left Site at 2:15pm. 1 left at 3:20pm.

Weather was cool and Cloudy.

MPLE LOCATION: Aleutian 10 CTB 2					SAMPLE DATE: 11/14/2023			
SAMPLE NAME	Collection Time	PID (ppm)	EC (mS)	Temp (°C)	Chloride (ppm)	PetroFlag	Notes (reason for lab test)	
BH01@0	8:55		0.07	17.2	193.5		lab- Cl (surface perimeter delineation)	
BH01@1	9:00		0.1	15.9	291.3			
BH01@2	9:02		0.07	15.8	253.1			
BH01@3	9:05		0.08	16.1	254.5			
BH01@4	9:06		0.1	16.1	282.8		lab-Cl (4 foot perimater delineation)	
BH02@0	9:27		0.22	15.9	461.4		lab- Cl (surface perimeter delineation)	
BH02@1	9:43		0.07	15.7	257.3			
BH02@2	9:45		0.06	16.2	221.9			
BH02@3	9:47		0.22	15.9	461.4			
BH02@4	9:49		0.09	16.4	255.9		lab-Cl (4 foot perimater delineation)	
BH03@0	9:57		0.04	16.4	185.0		lab- Cl (surface perimeter delineation)	
BH03@1	10:24		0.04	17.5	138.2			
BH03@2	10:27		0.03	17.1	141.1			
BH03@3	10:29		0.2	16.8	394.8			
BH03@4	10:30		0.08	17	216.2		lab-Cl (4 foot perimater delineation)	
BH04@0	10:56		0.2	18.9	305.5		lab- Cl (surface perimeter delineation)	
BH04@1	11:07		0.08	17.7	186.4			
BH04@2	11:09		0.07	16.9	206.3			
BH04@3	11:12		0.06	17	187.9			
BH04@4	11:15		0.06	17.1	183.6		lab-Cl (4 foot perimater delineation)	

Pagainad by OCD.	5/6/2024 9:12:58 AM		Ī	Ī	lab - Cl and BTEX and TPH Page 62 o
BH05@0	11:17	5.56	16.8	7992.6	(high chloride, test for hydrocarbon)
					lab - Cl
BH05@1	11:25	0.08	17.4	199.2	(demonstrate it's out of contamination)
BH05@2	11:26	0.07	16.7	214.8	
BH05@3	11:49	0.17	16.9	348.0	
					lab - Cl
BH05@4	11:51	0.08	16.7	229.0	(4 foot delineation)
					lab - Cl and BTEX and TPH
<u>BH06@0</u>	11:56	5.05	16.6	7278.2	(high chloride, test for hydrocarbon)
					lab - Cl
BH06@1	12:00	0.13	17.3	274.3	(demonstrate it's out of contamination)
BH06@2	12:02	0.06	16.8	196.4	
BH06@3	12:04	0.11	16.5	280.0	
					lab - Cl
BH06@4	12:05	0.09	16.6	247.4	(4 foot delineation)
					lab - Cl
BH07@0	12:12	2.7	19.8	3811.0	(high field chloride)
					lab - Cl
<u>BH07@1</u>	12:15	0.07	17	202.0	(demonstrate it's out of contamination)
					lab - Cl
BH07@4	12:18	0.12	16.8	281.4	(4 foot delineation)
					lab - Cl
<u>BH08@0</u>	12:27	4.54	16.7	6551.0	(high field chloride)
					lab - Cl
BH08@1	12:34	0.09	16.6	247.4	(demonstrate it's out of contamination)
					lab - Cl
BH08@4	12:37	0.11	16.9	263.0	(4 foot delineation)
B.1.00 = 5	10.00				lab- Cl
BH09@0	13:00	0.1	16.4	270.1	(surface perimeter delineation)
B.1100.01	10.00		1.5-		
BH09@1	13:08	0.06	16.7	200.6	
DU00 0 4	12:10	0.00	46.7	222.0	lab-Cl
BH09@4	13:10	0.08	16.7	229.0	(4 foot perimater delineation)
DU10-00	12.15	0.00	47	216.2	lab- Cl
BH10@0	13:15	0.08	17	216.2	(surface perimeter delineation)
DU10@1	12:20	0.06	10.4	120.2	
BH10@1	13:20	0.06	18.4	128.3	
					Refusal
DUM O CC	12.26	0.00	4-	407.0	lab- Cl
BH10@3	13:26	0.06	17	187.9	(bottom delineation)

Received by OCD:	5/6/2024 9:12:58 AM				lab - Cl Page 63
BH11@0	13:31	3.74	17	5404.3	(high field chloride)
					lab - Cl
BH11@1	13:36	0.1	16.5	265.8	(demonstrate it's out of contamination)
					lab - Cl
BH11@4	13:38	0.16	16.8	338.1	(4 foot delineation)
					lab- Cl
BH12@0	13:45	0.14	16.7	314.0	(surface perimeter delineation)
					Refusal
					lab- Cl
BH12@1	13:50	0.23	17.1	424.6	(bottom delineation)
					lab - Cl
BG01@0	14:11	0.01	19.2	23.4	(background sample)
BG01@1	14:15	0.01	19	31.9	
BG01@2	14:17	0.01	19.1	27.7	
BG01@3	14:20	0.02	19.1	41.8	
					lab-Cl
BG01@4	14:22	0.01	19	31.9	(background at 4 feet)

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

Released to Imaging: 5/8/2024 3:19:31 PM

CLIENT DEVON Energy

DATE 11/8/2023

BY 55

CHECKED

BY

Arrived on site @ 0820.

Plan is to conduct the liner inspection first and then will mark the site for the 811 Locate Request.

0825 - began liner inspection.

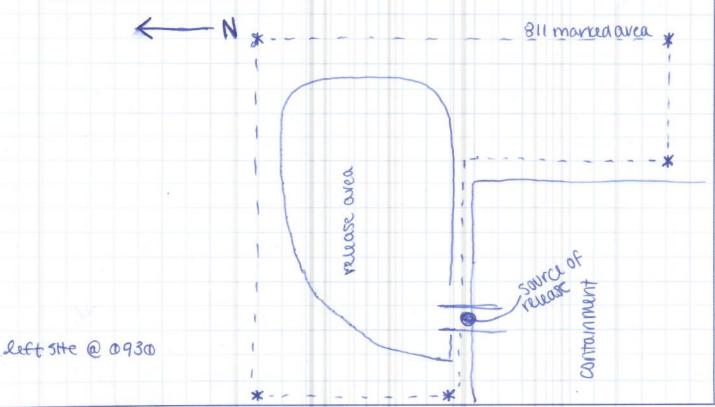
there's some residual staining oxystallization of the produced water release, but no holes or any other indication that the liner was compromised prior to or during the release

0900 - began marking the pod area for the 811 Locate Request placed 5 flogs to make an L-shape outland around the containment.

0910 - used my GPS unit to talk coordinates of the flags I placed as well as make a track of the release area.

*due to the release location being on the edge of the containment, it is likely that the containment might need to be decommissioned and remaind in order to fully clean up the release.





SOUDER, MILLER & ASSOCIATES

SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.



Photograph #1

Client: Devon Energy

Site Name:

Aleutian 10 CTB 2

Date Photo Taken: December 27, 2023

Release Location: -103.7621329W 32.3154437N

S: 10 T: 23S R: 31E Eddy County, New Mexico

Photo Taken by: Georgeann Goodman SE SW 193°S (T)
 32.315792, -103.762287 ±5m
 1007m 27 Dec 2023, 2:21:59 PM

Description: Photo of conformation sampling area facing South.

SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.



Photograph #2

Client:

Devon Energy:

Site Name:

Aleutian 10 CTB 2

Date Photo Taken: December 27, 2023

Release Location: -103.7621329W 32.3154437N

S: 10 T: 23S R: 31E Eddy County, New Mexico

Photo Taken by: Georgeann Goodman

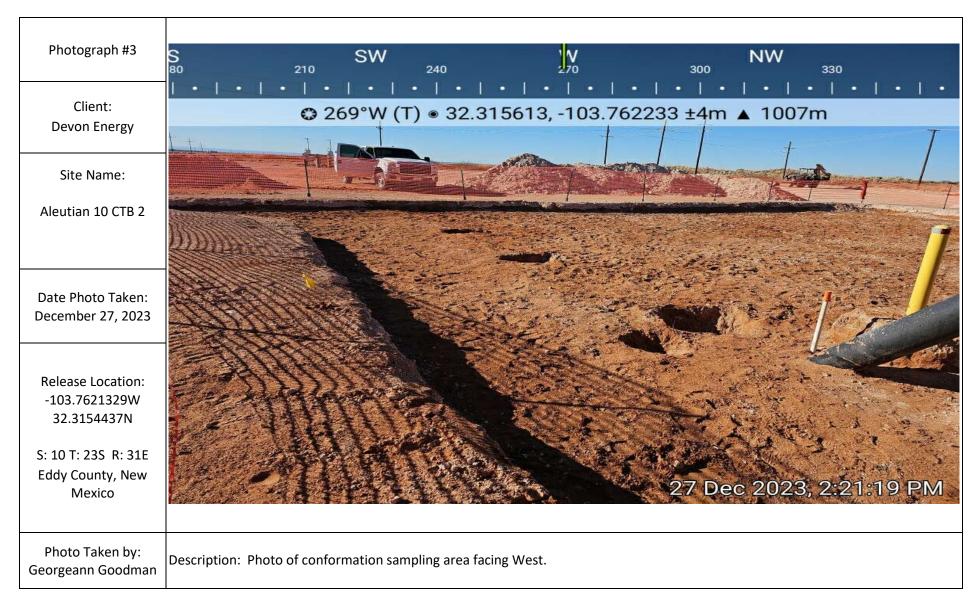
SE SW 120 © 151°SE (T) • 32.315829, -103.762419 ±6m ▲ 1007m Dec 2023, 2:23:07 PN

Description: Photo of conformation sampling area facing Southeast.

SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.





SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.



Photograph #4

Client: Devon Energy

Site Name:

Aleutian 10 CTB 2

Date Photo Taken: December 27, 2023

Release Location: -103.7621329W 32.3154437N

S: 10 T: 23S R: 31E Eddy County, New Mexico

Photo Taken by: Georgeann Goodman NW NE 330 © 27°N (T) • 32.315533, -103.762403 ±3m ▲ 1007m

Description: Photo of conformation sampling area facing Northeast.

SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.





SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.





SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.



Photograph #7

Client: Devon Energy

Site Name:

Aleutian 10 CTB 2

Date Photo Taken: January 08, 2024

Release Location: -103.7621329W 32.3154437N

S: 10 T: 23S R: 31E Eddy County, New Mexico

Photo Taken by: Georgeann Goodman

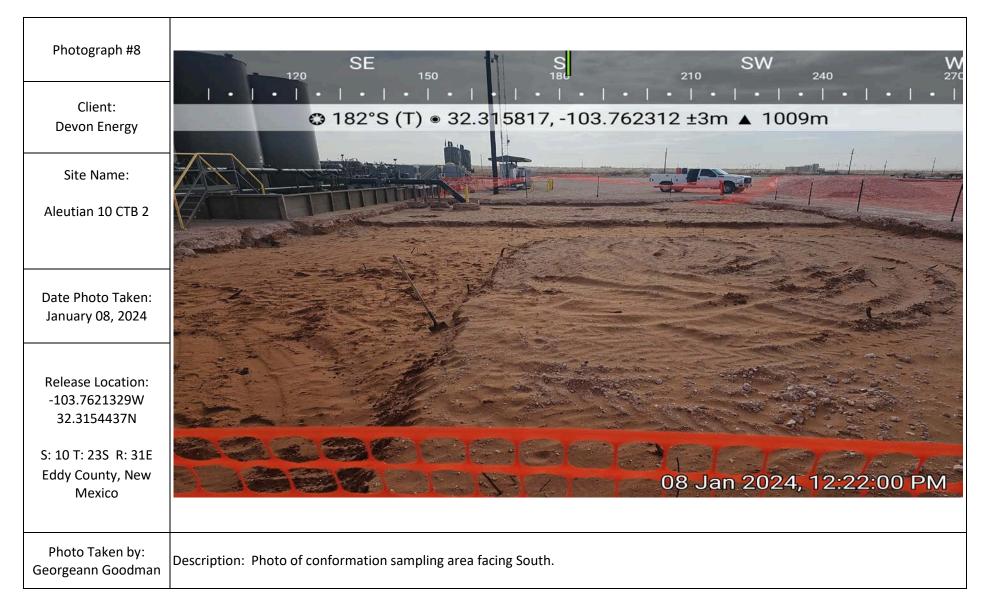
NW NE 240 270 300 30 © 322°NW (T) ● 32.315762, -103.762197 ±3m ▲ 1013m 08 Jan 2024, 12:21

Description: Photo of conformation sampling area facing Northwest.

SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.





Photograph Log SITE: Aleutian 10 CTB 2

CLIENT: Devon Energy Production Co.



Photograph #9

Client: Devon Energy

Site Name: Aleutian 10 CTB 2

Date Photo Taken: January 8, 2024

Release Location: -103.7621329W 32.3154437N

S: 10 T: 23S R: 31E Eddy County, New Mexico

Photo Taken by: Georgeann Goodman Description: Shows sample area CS29 requesting deferral.



APPENDIX E LABORATORY ANALYTICAL REPORTS

Report to:
Stephanie Hinds







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: Devon Aleutian 10 CTB 2

Work Order: E311165

Job Number: 01058-0007

Received: 11/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/29/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/29/23

Stephanie Hinds 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Devon Aleutian 10 CTB 2

Workorder: E311165

Date Received: 11/18/2023 7:30:00AM

Stephanie Hinds,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2023 7:30:00AM, under the Project Name: Devon Aleutian 10 CTB 2.

The analytical test results summarized in this report with the Project Name: Devon Aleutian 10 CTB 2 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

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	Reported:
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/23 17:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01@0	E311165-01A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH01@4	E311165-02A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH02@0	E311165-03A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH02@4	E311165-04A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH03@0	E311165-05A	Soil	11/18/23	11/18/23	Glass Jar, 2 oz.
BH03@4	E311165-06A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH04@0	E311165-07A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH04@4	E311165-08A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH05@0	E311165-09A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH05@4	E311165-10A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH06@0	E311165-11A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH06@4	E311165-12A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH07@0	E311165-13A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH07@4	E311165-14A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH08@0	E311165-15A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH08@4	E311165-16A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH09@0	E311165-17A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH09@4	E311165-18A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH10@0	E311165-19A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH10@3	E311165-20A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH11@0	E311165-21A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH11@4	E311165-22A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH12@0	E311165-23A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH12@1	E311165-24A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BG01@0	E311165-25A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.
BH01@4	E311165-26A	Soil	11/14/23	11/18/23	Glass Jar, 2 oz.

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH01@0 E311165-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019
Chloride	ND	20.0	1	11/27/23	11/28/23	

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH01@4

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH02@0

E31110	65-03
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH02@4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH03@0

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH03@4

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH04@0

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH04@4

		E311165-08					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2347040	
Benzene	ND	0.0250	1	11/20/23	11/28/23	Н3	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	Н3	
Toluene	ND	0.0250	1	11/20/23	11/28/23	Н3	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	Н3	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	Н3	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	Н3	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	11/20/23	11/28/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2347040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	Н3	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	11/20/23	11/28/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2348035	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23		
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23		
Surrogate: n-Nonane		85.5 %	50-200	11/28/23	11/28/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2348019	
Chloride	ND	20.0	1	11/27/23	11/28/23		



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH05@0

E3111	65-09
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH05@4

E31	11	65	10
E31	ш	.05-	-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH06@0

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2347040
Benzene	ND	0.0250	1	11/20/23	11/28/23	Н3
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	Н3
Toluene	ND	0.0250	1	11/20/23	11/28/23	Н3
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	Н3
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	Н3
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	Н3
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	11/20/23	11/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2347040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	Н3
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	11/20/23	11/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2348035
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23	
Surrogate: n-Nonane		75.2 %	50-200	11/28/23	11/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2348019
Chloride	11700	200	10	11/27/23	11/28/23	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH06@4

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH07@0

E3111	65-13
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH07@4

E31	11	65-	-14
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH08@0

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019	

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH08@4

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH09@0

E31	1165	-17
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH09@4

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348019	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH10@0

E3111	65-19
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348020	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH10@3

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348020	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH11@0

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348020	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH11@4

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348020	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH12@0

E311165-23	,
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348020	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH12@1

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348020	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BG01@0

E311165	5-25
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: BA		Batch: 2348020	



Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

BH01@4

E31116	55-26
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	BA		Batch: 2348020	



QC Summary Data

Devon Aleutian 10 CTB 2 Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Stephanie Hinds 11/29/2023 5:16:34PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2347040-BLK1) Prepared: 11/20/23 Analyzed: 11/29/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.36 8.00 92.0 70-130 LCS (2347040-BS1) Prepared: 11/20/23 Analyzed: 11/29/23 4.93 98.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.68 0.0250 5.00 93.6 70-130 4.90 0.0250 5.00 98.0 70-130 Toluene o-Xylene 4.81 0.0250 5.00 96.1 70-130 10.0 96.5 70-130 9.65 0.0500 p.m-Xvlene 96.4 70-130 14.5 15.0 Total Xylenes 0.0250 8.00 92.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.43 Matrix Spike (2347040-MS1) Source: E311162-07 Prepared: 11/20/23 Analyzed: 11/29/23 5.03 0.0250 5.00 ND 54-133 Benzene ND 95.5 61-133 Ethylbenzene 4.78 0.0250 5.00 Toluene 5.01 0.0250 5.00 ND 100 61-130 4.93 ND 98.7 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.84 0.0500 10.0 ND 98.4 63-131 14.8 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.58 8.00 Matrix Spike Dup (2347040-MSD1) Source: E311162-07 Prepared: 11/20/23 Analyzed: 11/29/23 5.24 0.0250 5.00 ND 105 54-133 4.07 4.97 ND 61-133 4.00 0.0250 5.00 99.4 20 Ethylbenzene 61-130 Toluene 5 21 0.0250 5.00 ND 104 4 01 20 5.14 5.00 ND 103 63-131 4.08 20 o-Xylene 0.0250 3.93 10.2 10.0 ND 102 63-131 20 p,m-Xylene 0.0500



15.4

7.65

0.0250

15.0

8.00

ND

102

95.6

63-131

70-130

3.98

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	Reported:
201 S Halagueno St.	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

Carlsbad NM, 88220		Project Manage	r: Ste	ephanie Hind	s			1	1/29/2023 5:16:34PM		
	Nor	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: RKS		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
Blank (2347040-BLK1)							Prepared: 1	1/20/23 An	alyzed: 11/29/23		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.3	70-130					
LCS (2347040-BS2)							Prepared: 1	1/20/23 An	alyzed: 11/29/23		
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.9	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130					
Matrix Spike (2347040-MS2)				Source:	E311162-0)7	Prepared: 1	1/20/23 An	alyzed: 11/29/23		
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.1	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130					
Matrix Spike Dup (2347040-MSD2)				Source:	E311162-0)7	Prepared: 1	1/20/23 An	alyzed: 11/29/23		
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.2	70-130	1.02	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130					

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	Reported:
201 S Halagueno St.	Project Number:	01058-0007	•
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

Carlsbad NM, 88220		Project Manage	r: St	ephanie Hinds					11/29/2023 5:16:34PM		
	Nonha	Nonhalogenated Organics 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 (2348035-BLK1)							Prepared: 1	11/28/23	Analyzed: 11/28/23		
tiesel Range Organics (C10-C28)	ND	25.0									
vil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	45.0		50.0		90.0	50-200					
CS (2348035-BS1)							Prepared: 1	11/28/23	Analyzed: 11/28/23		
riesel Range Organics (C10-C28)	222	25.0	250		88.8	38-132					
urrogate: n-Nonane	44.5		50.0		89.0	50-200					
Aatrix Spike (2348035-MS1)				Source: 1	E 311204- ()3	Prepared: 1	11/28/23	Analyzed: 11/28/23		
riesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	38-132					
urrogate: n-Nonane	44.0		50.0		88.1	50-200					
Matrix Spike Dup (2348035-MSD1)				Source: 1	E 311204- ()3	Prepared: 1	11/28/23	Analyzed: 11/28/23		
riesel Range Organics (C10-C28)	227	25.0	250	ND	90.7	38-132	1.07	20			
urrogate: n-Nonane	41.3		50.0		82.7	50-200					



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Devon Aleutian 10 CTB 2 Project Number: 01058-0007		Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/2023 5:16:34PM

Carisbad IVIVI, 86220		1 Toject Manage	. 50	ephanic rimu	5				72972023 3.10.3 11 111
Anions by EPA 300.0/9056A Analyst: BA									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2348019-BLK1)							Prepared: 1	1/27/23 Ana	alyzed: 11/28/23
Chloride	ND	20.0							
LCS (2348019-BS1)							Prepared: 1	1/27/23 Ana	lyzed: 11/28/23
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2348019-MS1)				Source:	E311165-0	02	Prepared: 1	1/27/23 Ana	lyzed: 11/28/23
Chloride	279	20.0	250	26.9	101	80-120			
Matrix Spike Dup (2348019-MSD1)				Source:	E311165-0	02	Prepared: 1	1/27/23 Ana	alyzed: 11/28/23
Chloride	281	20.0	250	26.9	101	80-120	0.684	20	



Chloride

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number		Devon Aleutian 01058-0007	10 CTB 2				Rep	orted:
Carlsbad NM, 88220		Project Manage	r: :	Stephanie Hinds	s				11/29/2023	5:16:34PM
		Anions	by EPA	300.0/9056	4				Analyst	:: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2348020-BLK1)							Prepared:	11/27/23	Analyzed: 1	1/29/23
Chloride	ND	20.0								
LCS (2348020-BS1)							Prepared:	11/27/23	Analyzed: 1	1/29/23
Chloride	252	20.0	250		101	90-110				
Matrix Spike (2348020-MS1)				Source:	E311165-2	1	Prepared:	11/27/23	Analyzed: 1	1/29/23
Chloride	10800	200	250	10400	154	80-120				M4
Matrix Spike Dup (2348020-MSD1)				Source:	E311165-2	1	Prepared:	11/27/23	Analyzed: 1	1/29/23

250

200

10400

NR

80-120

4.10

10300

QC Summary Report Comment:

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



Definitions and Notes

Souder Miller Associates - Carlsbad	Project Name:	Devon Aleutian 10 CTB 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	11/29/23 17:16

H3 Due to laboratory error, sample analysis was performed past holding time.

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



1000	Stephanie ninas asouger in the
dditional Instructions:	len cano acorarann, good man (a) Souder millen
Dience send to Sarahmay. Schredies Souger in	Samples required terms preservator aust be ectived on see the day they are samples or
Fad sampler), attest to the validity and authenticity of this sample. Tam aware that tampering with or intentionally mislabelling the s	Stephante. Minas associated as Soudey Miller Company on the day they are sampled or reserved packed as see at an augitem above 3 but fees than 6 for subsequent days

ted amplet" arrest of the same					Section 1
me of contection is considered fraud and may be	e grounds for lega action. Sampled by:	1 1 1 1	Date Time	Lab Use Only	
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	111111111111111111111111111111111111111	Received by: (Signature)	Date Time		
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MUCHEL GLYPP	Date Time	Received by: (Signature)	Date Time 720	4	
DI I Vac	11.17.23 2400	Alle	11104010	AVG Temp C	

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable. ony to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount pad for on the report

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Received by OCD: 5/6/2024 9:12:58 AM

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only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount pad for on the report

Project Information	

Page	30	-3
		The second secon

Chain of Custody	Page 3 of 3 Received by OCD: 5/6/2024 9:12:58 AM Page 3 of 3 Received by OCD: 5/6/2024 9:12:58 AM Remarks
Project Information 50	ay
Rill To Lab Use Only TA	AT FPA Program
Client: Souder Miller + ASSOCIATES Project: Devon Aleutian 10 CTB 7 Attention: Devon Billing PE311105 0058-0057 Address:	3D RCRA CWA SUWA
Project: October 1 Address:	State
	NM CO UT AZ
Address: 301 Star (11 11 0022) Phone: 100 # 71989209	X X
Project Manager: Off DYT (1974) Address: OD S HONGUND City, State, Zip Phone: 0575773 1311 Email: Address: OFF DYT (1974) City, State, Zip Phone: 100 ## 71989709 Email:	TX OK
Phone: 0575773 1311 Email: 08 08 08 07 07 00 08 08 08 07 07 00 08 08 08 08 08 08 08 08 08 08 08 08	× 24
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Additional Instructions: DIPASE SCE Page: Sample: lecusing thermal preserve the sample location, date or sample locatio	
Plase Sce Page : Sampler securing thermal preserve that tampering with or intentionally mislabelling the sample location, date or retained packed in ice at an away to	witon must be received on see the day they are sampled or
PASE SEE FACE Is Simple required to the validity and authors of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or received packed in see at an augite.	ens above D but fess than 6°C prisubsequent days
de ince ince ince ince ince ince ince inc	Lab Use Only
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Some States A special Container Type: g - glass, p - poly/plastic, ag - amb	er glass, v - vua
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Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Helahous samples are discarded by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report	Page
ony to those samples. Ecclision of the	80

envirotech

Released Chain of Custody	Page 1 of 3
ect Information	5day
Bill To ;	Lab Use Only TAT EPA Program NOT 100 Number 100 3D RCRA CWA SDWA
Maria de ASSOCIATES	WO# Job Number 10 3D RCRA CWA SUWA 55 tate
Address: Devon Billing	
dress: 2015 Haloqueno Phone: UD 1989209	Anarysis and Nethod NM CO UT AZ
Adress: 201 D. Halada Nm 88220 Phone: UDD# 21980.2001 Email:	TX OK
Number of Sample ID	GRO/DRO by 8021 VOC. by 8260 Metals 6010 Chloride 300.0 EGDOC - NM BGDOC - NM BGDOC - NM
Mone: 5757251311 Amail: acorgeann, good man & good man	RTEX by 8021 VOC. by 8260 Metals 6010 CMOINE 3001 BGDOC - NM BGDOC - 1X BGDOC - 1X
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1	X
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1150 V 5 1 BH05Q4 - Step	ACONGEAND - GOODIER TO Samples counting plesmal preservation must be become from the time day, they are sampled or received packed in the at an augitem above 3 but feets than 4°C on subsequent days
Additional Instructions: Sarahmay, Schlea @ Souder miller; com	Samples requiring pleamal preservator must be lectived on see the day, they are samples or received packed in see at an avgiters above 3 but less than if it an subsequent days
the colidary and authenticity of this sample. Tam argain that the ring of the	
(field sampler), attest to the value, the sampler of the value, sampled by: time of collection is considered fraud and may be grounds for legal action. Sampled by: Time Received by: (Signarture) Date 11 (2)	23 Time Lab Use Only Received on ice: (Y) N
Relinquished by: (Signature)	Received on ice: (Y) N
Date Time Received by: (Signature)	7.23 1800 11 12 13
and childs Colon little of the Comment Date	Time a
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form these 11.17.23 2400 Container	er Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA er Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA er Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Sample Matrix: 5 - Sol. Sd - Solid, Sg - Sludge, A - Aqueous, D - Other Note: Samples are discarded 30 dars after results are reported unless other arrangements are made. Hatardous tamples will be returned to discarded solid as after results are reported unless other arrangements are made. Hatardous tamples will be returned to discarded by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.	dient or disposed of at the Cheff expense.
Sample Matrix: 5 - 501, 50	

Pr

ect Information	Chain of	Custody						_ (Page Z of _
nt: Souder Miller d. ASSOCIA ject: Devon Aleutian 100th ject Manager: Steph Hinds dress: 2015 Halagueup y, State, Zio (ar) Soad NM 88	Attention: Address: Devon Bull To City, State, Zip		PE3	La)# ∭	b Use	b Nur	nber 30007 and Neth	TA	T	RCRA .	CWA SDWA State NM CO UT AZ
nzil:		Lab)NO/ORO by 8015	GRO/DRO By acres	VOC. by 8260	Metals 6010	Chioi toe Socreto	BGDOC - NM	×t. node		TX OK Remarks
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218	40764	14			-		X				
7-1	5408@0	15	_		+		X				
1300 5 1 6	340804	110			+		X				
1310	3409@0	19					X				
1315	3H10@0	10					X	11	\perp	+	
1320 1 5 1	3HW23	21					X	1. 1			
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				Chain of (Custody								1		Page	<u>3</u> of _
ject Information								Lab	Use	Only,	- N		day TAT V	E	PA Progr	SDWA
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mail: eport due by:					Lab	/ORO	/DRO	BTEX by 8021	VOC. by 8260	Metals 6010	Chioride 300.0		BGDOC - NM BGDOC - 1x		Re	emarks
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		11.17.23 (1400	ts are made. Hatardous samples rator, is limited to the amount p	Cont	ainer	Type:	g - g	lass, p				nber gla port for th	ss, v – V(ne anal vsis	OA of the sbove	samples is applic
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Printed: 11/20/2023 2:19:18PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller Associates - Carlsbad	Date Received:	11/18/23	07:30	Work Order ID:	E311165
Phone:	(575) 200-5443	Date Logged In:	11/18/23	10:15	Logged In By:	Alexa Michaels
Email:	stephanie.hinds@soudermiller.com	Due Date:	11/29/23	17:00 (5 day TAT)		
Chain a	Contain (COC)					
	Custody (COC)		37			
	he sample ID match the COC? he number of samples per sampling site location mate	sh the COC	Yes			
	amples dropped off by client or carrier?	in the COC	Yes	a : a :		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes Yes	Carrier: Courier		
	ill samples received within holding time?	ica anaryses:	Yes			
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		165		Comment	ts/Resolution
	<u> [urn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample (Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	bel					
	field sample labels filled out with the minimum infor	mation:				
S	ample ID?		Yes			
	Pate/Time Collected?		Yes			
	Collectors name?		No			
	Preservation	10	3.7			
	the COC or field labels indicate the samples were pro	eserved?	No			
	ample(s) correctly preserved?	-4-1-9	NA			
	filteration required and/or requested for dissolved m	etais?	No			
	ase Sample Matrix	_				
	the sample have more than one phase, i.e., multiphas		No			
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA			
Subconti	ract Laboratory					
	amples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if		No NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

Report to:
Stephanie Hinds







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

Project Name: Devon Aleutian 10 CTB 2

Work Order: E312190

Job Number: 01058-0007

Received: 12/29/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/3/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/3/24

Stephanie Hinds 401 W. Broadway Farmington, NM 87401

Project Name: Devon Aleutian 10 CTB 2

Workorder: E312190

Date Received: 12/29/2023 7:30:00AM

Stephanie Hinds,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/29/2023 7:30:00AM, under the Project Name: Devon Aleutian 10 CTB 2.

The analytical test results summarized in this report with the Project Name: Devon Aleutian 10 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	Reported:
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	01/03/24 13:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS01	E312190-01A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS02	E312190-02A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS03	E312190-03A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS04	E312190-04A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS05	E312190-05A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS06	E312190-06A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS07	E312190-07A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS08	E312190-08A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS09	E312190-09A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS10	E312190-10A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS11	E312190-11A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS12	E312190-12A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS13	E312190-13A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS14	E312190-14A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS15	E312190-15A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS16	E312190-16A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS17	E312190-17A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS18	E312190-18A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS19	E312190-19A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS20	E312190-20A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS21	E312190-21A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS22	E312190-22A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS23	E312190-23A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS24	E312190-24A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS25	E312190-25A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS26	E312190-26A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS27	E312190-27A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS28	E312190-28A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS29	E312190-29A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS30	E312190-30A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041
Chloride	47.4	20.0	1	12/29/23	01/02/24	

Souder M	filler & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. B	roadway	Project Number:	01058-0007	Reported:
Farmingt	on NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS02

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
							-
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS03

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
			1				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS04

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS05

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	
•				12/29/23	01/02/24		



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS06

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS07

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	
Chloride	486	20.0	1	12/29/23	01/02/24		



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS08

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS09

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS10

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS11

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS12

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
							-
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS13

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	
Chloride	604	20.0		12/29/23	01/02/24		



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS14

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS15

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS16

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS17

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS18

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	



Souder M	filler & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. B	roadway	Project Number:	01058-0007	Reported:
Farmingt	on NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS19

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
	_						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS20

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS21

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	
74HIOHS D.Y E174 500:0/703014		<i>U U</i>					



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS23

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	
Allions by ETA 500.0/3050A		mg/kg				Baten: 2332012	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS24

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: IY		Batch: 2352042	
Chloride	1300	20.0	1	12/29/23	01/02/24		



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS25

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
			1			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: IY		Batch: 2352042



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS26

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS27

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS28

	Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042			



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS29

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/3/2024 1:38:41PM

CS30

	Reporting									
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042				



QC Summary Data

Farmington NM, 87401	Project Manager: Anions by	Stephanie Hinds EPA 300.0/9056A	1/3/2024 1:38:41PM Analyst: DT
401 W. Broadway	Project Number:	01058-0007	•
Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	Reported:

Anions by EPA 300.0/9056A								Analyst: DT		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2352041-BLK1)							Prepared: 1	2/29/23 A	nalyzed: 01/02/24	
Chloride	ND	20.0								
LCS (2352041-BS1)							Prepared: 1	2/29/23 A	nalyzed: 01/02/24	
Chloride	244	20.0	250		97.6	90-110				
Matrix Spike (2352041-MS1)				Source:	E312190-	02	Prepared: 1	2/29/23 A	nalyzed: 01/02/24	
Chloride	618	20.0	250	354	105	80-120				
Matrix Spike Dup (2352041-MSD1)				Source:	E312190-	02	Prepared: 1	2/29/23 A	nalyzed: 01/02/24	
Chloride	609	20.0	250	354	102	80-120	1.46	20		

QC Summary Data

Souder Miller & Associates 401 W. Broadway		Project Name: Project Number:		Devon Aleutian 1058-0007	10 CTB 2				Reported:
Farmington NM, 87401		Project Manager:		tephanie Hinds	S				1/3/2024 1:38:41PM
		Anions l	by EPA	300.0/9056 <i>A</i>	\				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 (2352042-BLK1)							Prepared: 1	2/29/23	Analyzed: 01/02/24
Chloride	ND	20.0							
LCS (2352042-BS1)							Prepared: 1	2/29/23	Analyzed: 01/02/24
Chloride	239	20.0	250		95.7	90-110			
Matrix Spike (2352042-MS1)				Source:	E312190-2	22	Prepared: 1	2/29/23	Analyzed: 01/02/24
Chloride	2990	40.0	250	2750	95.8	80-120			
Matrix Spike Dup (2352042-MSD1)				Source:	E312190-2	.2	Prepared: 1	2/29/23	Analyzed: 01/02/24
Chloride	2950	40.0	250	2750	80.4	80-120	1.30	20	

QC Summary Report Comment:

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



Definitions and Notes

	Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
١	401 W. Broadway	Project Number:	01058-0007	Reported:
١	Farmington NM, 87401	Project Manager:	Stephanie Hinds	01/03/24 13:38

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Time

Esigms 2

1330

1332

1333

1335

1337

1339

1340

1341

1343

Phone: 5757351311

Sampled.

12/27

Email: aeurgeann, goodmana

Report due by: Soudermiller, com

Matrix

2

W0#21989209

Attention:

Address:

Phone:

Email:

Sample ID

CSOI

CSU2

CS03

1504

CS05

CSOL

r < D7

CS09

only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount pad for on the report

Containers

1345 V > 1 1CS10	+ Stephanie-Hindsa Souder
1345 VI Sarahmay Schlea (a) Soudermiller. Com	1 Strobanie Hinasia Soucier
Additional Instructions: Sarahmay Schlade Soudermiller-com	Samples requiring thermal preservator must be received once the day they are sampled or
additional instructions.	Samples requiring thermal presentation and so to Constitute the service seed packed in ice at an augitems above 0 bet Fess than it if 0 on subsequent days
PINE SECOL TO GET A EAST TO THE validity and authenticity of this salvoids. Lam aware that tampering with or intentionally mislebelling the sample location, date or (Faid sampler), attest to the validity and authenticity of this salvoids.	received packed in ice at an acquest, coord
(fed empier, aces, to the value)	Lab Use Only
time of collection is considered fraud and may be grounds for legal action. Sampled by:	6.
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature)	Received on ice: (Y)/ N
12/29/23 700am Miller Cult 10 do day	
Date Time Received by: (Signature)	T3 T3
lealinguished by Congrature 1	00 11 12 12
1 1 Salla GC	7.
Received by: (Signature) Received by: (Signature) Received by: (Signature) 7 1917 7 2	AVG Temp °C 4
Reinquistres str. (Signature)	Avg temp C
Container Type: g · gla	ss, p - poly/plastic, ag - amber glass, v - VOA
A Fold Sch Solid Se - Sludge A - Aqueous, O - Other	of at the client expense. The report for the analysis of the above sair please.
Sample Matrix: 5 - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other Sample Matrix: 5 - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 dats after results are reported unless other arrangements are made. Hatandous samples will be returned to client or disposed note: Samples are discarded 30 dats after results are reported unless other arrangements, is limited to the amount paid for on the report.	
Note: Samples are discarded 30 days after results are reported unless other analysis of the laboratory is limited to the amount paid for on the report	

envirotech

Received by OCD: 5/6/2024 9:12:58 AM

Release Project Information	Chain of Custody								Page 2 of 3
Client: Souder Miller + Associates Project: Deux Aleutian 10 CTB2	Attention: Address: Dervon - Billing City, State, Zip	Lab WC		C	Only b Numbe NOS8 -	(000)	TAT ID 3D	RCRA .	CWA SDWA State NM CO UT AZ
City, State, Zio (ar Shad NM 88220) Phone: 5757251311 Email:	Phone: Email:	DRO/ORO by 80 15	BTEX by 8021	VOC. by 8260	Metals 6010 Chloride 300.0		BGDOC - NM BGDOC - 1X		X X X X X X X X X X X X X X X X X X X
Report due by: Time Date Matrix No Sample ID Sampled Sampled Matrix	Number	DIC	BTE	NO N			08		
1347 1237 5 1 CSII		++			X		1	++	
1349 S 1 CS12	12	++	-		X	+-	+		
1350 5 1 (513	1/2	++			X	+		++	
1352 5 1 CS14	114	++	_	+-	Х		++	++	
1353 5 1 CS15	15)	\dashv	+-	X	-	++	++	
1355 5 1 (516	- lo		-	+-	X		++	+†	
1357 5 1 CS17			-	+	X	++	+	$\dashv \dagger$	
1401 5 1 (518	18	_		+	1 X	++	+	-11	
1403 5 1 (519	19		-	-	++'	++			
1404 V 5 1 C520	120))				
Additional Instructions:	aware that tampering with or intentionally mislabelling the sample location, de	e or			Samples red received pa	nuting thermal	n and tent spo	nust be received : tat Eess tad C gur	onice the day they are sampled or in it is one subsequent days
rime of collection is considered fraud and may be grounds for legal action.	TOO M Wallh Cure Date	1017	Time	700	Receiv	ved on ic	6	ab Use O	
Relinquished by: (Signature) Date Date Date Date	Ime Received by: (Signature) Received by: (Signature) Date	12919	Time	730 20	T1 AVG	Temp ^c C	4		
	2345 Amontero 12			glass, p				lass, v - VO	of the above samples is applicable
Note: Samples are discarded 30 days after results are reported un any to those samples received by the laboratory with this COC.	her Corplets of the laborator, is limited to the amount paid for on the	report	, or orspo						

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only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report envirotech

Received by OCD: 5/6/2024 9:12:58 AM

Printed: 12/29/2023 11:03:15AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller & Associates	Date Received:	12/29/23	07:30	Work Order ID:	E312190
Phone:	505-793-7079	Date Logged In:	12/28/23	15:06	Logged In By:	Jordan Montano
Email:	stephanie.hinds@soudermiller.com	Due Date:	01/03/24	17:00 (2 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		Comment	s/Resolution
Sample T	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?					
•	•	: - 60120C	NA			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples as minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes			
	Container		_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	.9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
	· ·	ners conceted:	103			
Field Lal	field sample labels filled out with the minimum inf	ormation:				
	ample ID?	omation.	Yes			
	pate/Time Collected?		Yes			
	ollectors name?		No			
Sample F	Preservation					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	ise?	No			
	, does the COC specify which phase(s) is to be anal		NA			
		,	1421			
	act Laboratory amples required to get sent to a subcontract laborate	9	NI-			
	subcontract laboratory specified by the client and i	•	No NA	Subcontract Lab: NA		
Client II	<u>nstruction</u>					
						_

Date

Report to:
Stephanie Hinds





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

Project Name: Devon Aleutian 10 CTB 2

Work Order: E312190

Job Number: 01058-0007

Received: 12/29/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/10/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/10/24

Stephanie Hinds 401 W. Broadway Farmington, NM 87401

Project Name: Devon Aleutian 10 CTB 2

Workorder: E312190

Date Received: 12/29/2023 7:30:00AM

Stephanie Hinds,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/29/2023 7:30:00AM, under the Project Name: Devon Aleutian 10 CTB 2.

The analytical test results summarized in this report with the Project Name: Devon Aleutian 10 CTB 2 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

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Sample Summary

Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	Donoutoda	
401 W. Broadway	Project Number:	01058-0007	Reported:	
Farmington NM, 87401	Project Manager:	Stephanie Hinds	01/10/24 13:19	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS01	E312190-01A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS02	E312190-02A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS03	E312190-03A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS04	E312190-04A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS05	E312190-05A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS06	E312190-06A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS07	E312190-07A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS08	E312190-08A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS09	E312190-09A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS10	E312190-10A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS11	E312190-11A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS12	E312190-12A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS13	E312190-13A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS14	E312190-14A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS15	E312190-15A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS16	E312190-16A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS17	E312190-17A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS18	E312190-18A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS19	E312190-19A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS20	E312190-20A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS21	E312190-21A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS22	E312190-22A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS23	E312190-23A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS24	E312190-24A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS25	E312190-25A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS26	E312190-26A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS27	E312190-27A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS28	E312190-28A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS29	E312190-29A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.
CS30	E312190-30A	Soil	12/27/23	12/29/23	Glass Jar, 2 oz.



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS01

		2012170 01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/05/24	
Toluene	ND	0.0250	1	01/05/24	01/05/24	
o-Xylene	ND	0.0250	1	01/05/24	01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/05/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/05/24	
Surrogate: n-Nonane		101 %	50-200	01/05/24	01/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2352041
Chloride	47.4	20.0	1	12/29/23	01/02/24	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS02

Reporting						
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/05/24	
Toluene	ND	0.0250	1	01/05/24	01/05/24	
o-Xylene	ND	0.0250	1	01/05/24	01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/05/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/05/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/05/24	
Surrogate: n-Nonane		104 %	50-200	01/05/24	01/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2352041
Chloride	354	20.0	1	12/29/23	01/02/24	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS03

	D (*				
Result			Prepared	Analyzed	Notes
			1	7 Hidiy Zed	
mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2401039
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0500	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
	92.9 %	70-130	01/05/24	01/05/24	
mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2401039
ND	20.0	1	01/05/24	01/05/24	
	97.8 %	70-130	01/05/24	01/05/24	
mg/kg	mg/kg	Anal	lyst: KM		Batch: 2401040
ND	25.0	1	01/05/24	01/05/24	
ND	50.0	1	01/05/24	01/05/24	
	97.9 %	50-200	01/05/24	01/05/24	
mg/kg	mg/kg	Anal	lyst: DT		Batch: 2352041
	ND ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 97.8 % mg/kg mg/kg mg/kg ND 25.0	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Ana ND 20.0 1 97.8 % 70-130 mg/kg mg/kg Ana ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0500 1 01/05/24 ND 0.0250 1 01/05/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 01/05/24 mg/kg mg/kg Analyst: KM ND 25.0 1 01/05/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 01/05/24 01/05/24 ND 0.0500 1 01/05/24 01/05/24 ND 0.0250 1 01/05/24 01/05/24 MD 0.0250 1 01/05/24 01/05/24 MD 0.0250 1 01/05/24 01/05/24 Mg/kg mg/kg Analyst: RKS ND 20.0 1 01/05/24 01/05/24 Mg/kg mg/kg Analyst: KM ND 25.0 1 01/05/24 01/05/24 ND 25.0 1 01/05/24 01/05/24 ND 50.0 1 01/05/24 01/05/24



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS04

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/05/24	
Toluene	ND	0.0250	1	01/05/24	01/05/24	
o-Xylene	ND	0.0250	1	01/05/24	01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/05/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/05/24	
Surrogate: n-Nonane		101 %	50-200	01/05/24	01/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2352041
Chloride	135	20.0	1	12/29/23	01/02/24	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS05

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS06

Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Result	Limit	Diluti	on Prepared	Analyzed	Notes
				-	
ng/kg	mg/kg	A	nalyst: RKS		Batch: 2401039
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0500	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
	93.5 %	70-130	01/05/24	01/05/24	
ng/kg	mg/kg	A	nalyst: RKS		Batch: 2401039
ND	20.0	1	01/05/24	01/05/24	
	95.0 %	70-130	01/05/24	01/05/24	
ng/kg	mg/kg	A	nalyst: KM		Batch: 2401040
ND	25.0	1	01/05/24	01/06/24	
ND	50.0	1	01/05/24	01/06/24	
	100 %	50-200	01/05/24	01/06/24	
ng/kg	mg/kg	A	nalyst: DT		Batch: 2352041
ו	ND N	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 93.5 % mg/kg MD 20.0 95.0 % mg/kg ND 25.0 % ND 25.0 ND 50.0	ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 93.5 % 70-130 ng/kg mg/kg A ND 20.0 1 95.0 % 70-130 ng/kg mg/kg A ND 25.0 1 ND 25.0 1	ND 0.0250 1 01/05/24 ND 0.0500 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 93.5 % 70-130 01/05/24 ng/kg mg/kg Analyst: RKS ND 20.0 1 01/05/24 95.0 % 70-130 01/05/24 ng/kg mg/kg Analyst: KM ND 25.0 1 01/05/24 ND 25.0 1 01/05/24 ND 25.0 1 01/05/24	ND 0.0250 1 01/05/24 01/05/24 ND 0.0500 1 01/05/24 01/05/24 ND 0.0250 1 01/05/24 01/05/24 ND 0.0250 1 01/05/24 01/05/24 93.5 % 70-130 01/05/24 01/05/24 ng/kg mg/kg Analyst: RKS ND 20.0 1 01/05/24 01/05/24 95.0 % 70-130 01/05/24 01/05/24 ng/kg mg/kg Analyst: KM ND 25.0 1 01/05/24 01/05/24 ND 25.0 1 01/05/24 01/06/24 ND 50.0 1 01/05/24 01/06/24



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS07

	D .:				
Result			Prepared	Analyzed	Notes
				7 Hidiy Zed	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2401039
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
ND	0.0500	1	01/05/24	01/05/24	
ND	0.0250	1	01/05/24	01/05/24	
	92.5 %	70-130	01/05/24	01/05/24	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2401039
ND	20.0	1	01/05/24	01/05/24	
	97.5 %	70-130	01/05/24	01/05/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2401040
ND	25.0	1	01/05/24	01/06/24	
ND	50.0	1	01/05/24	01/06/24	
	102 %	50-200	01/05/24	01/06/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2352041
	ND ND ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MD 20.0 97.5 % mg/kg MD 25.0 ND 50.0	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 92.5 % 70-130 mg/kg mg/kg Anal ND 20.0 1 97.5 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0250 1 01/05/24 ND 0.0500 1 01/05/24 ND 0.0250 1 01/05/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 01/05/24 mg/kg mg/kg Analyst: KM ND 25.0 1 01/05/24 ND 25.0 1 01/05/24 ND 50.0 1 01/05/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 01/05/24 01/05/24 ND 0.0500 1 01/05/24 01/05/24 ND 0.0250 1 01/05/24 01/05/24 MD 0.0250 1 01/05/24 01/05/24 Mg/kg mg/kg Analyst: RKS ND 20.0 1 01/05/24 01/05/24 Mg/kg Mg/kg Analyst: KM ND 25.0 1 01/05/24 01/06/24 ND 25.0 1 01/05/24 01/06/24 ND 50.0 1 01/05/24 01/06/24



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS08

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepare	d Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/2	4 01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/2	4 01/05/24	
Toluene	ND	0.0250	1	01/05/2	4 01/05/24	
o-Xylene	ND	0.0250	1	01/05/2	4 01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/2	4 01/05/24	
Total Xylenes	ND	0.0250	1	01/05/2	4 01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	01/05/2	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/2	4 01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	01/05/2	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/2	4 01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/2	4 01/06/24	
Surrogate: n-Nonane		105 %	50-200	01/05/2	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2352041
Chloride	59.1	20.0	1	12/29/2	3 01/02/24	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/05/24	
Toluene	ND	0.0250	1	01/05/24	01/05/24	
o-Xylene	ND	0.0250	1	01/05/24	01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/05/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		98.8 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2352041
Chloride	ND	20.0		12/29/23	01/02/24	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS10

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/05/24	
Toluene	ND	0.0250	1	01/05/24	01/05/24	
o-Xylene	ND	0.0250	1	01/05/24	01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/05/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		98.6 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2352041
Chloride	ND	20.0	1	12/29/23	01/02/24	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS11

		ъ «:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		llyst: RKS	7 11141,7 204	Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/05/24	
Toluene	ND	0.0250	1	01/05/24	01/05/24	
o-Xylene	ND	0.0250	1	01/05/24	01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/05/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		100 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2352041
Chloride	37.5	20.0	1	12/29/23	01/02/24	



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CS12

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/05/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/05/24	
Toluene	ND	0.0250	1	01/05/24	01/05/24	
o-Xylene	ND	0.0250	1	01/05/24	01/05/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/05/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/05/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	01/05/24	01/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		105 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2352041
Chloride	69.5	20.0	1	12/29/23	01/02/24	



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CS13

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS14

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	DT		Batch: 2352041	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS15

		D 4:				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/06/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/06/24	
Toluene	ND	0.0250	1	01/05/24	01/06/24	
o-Xylene	ND	0.0250	1	01/05/24	01/06/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/06/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/06/24	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		104 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2352041
Chloride	52.0	20.0	1	12/29/23	01/02/24	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS16

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: DT		Batch: 2352041	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS17

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/06/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/06/24	
Toluene	ND	0.0250	1	01/05/24	01/06/24	
o-Xylene	ND	0.0250	1	01/05/24	01/06/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/06/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/06/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		100 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2352041
Chloride	435	20.0	1	12/29/23	01/02/24	



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS18

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/06/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/06/24	
Toluene	ND	0.0250	1	01/05/24	01/06/24	
o-Xylene	ND	0.0250	1	01/05/24	01/06/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/06/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/06/24	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		102 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2352041
Chloride	ND	20.0	1	12/29/23	01/02/24	·



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Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS19

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2401039
Benzene	ND	0.0250	1	01/05/24	01/06/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/06/24	
Toluene	ND	0.0250	1	01/05/24	01/06/24	
o-Xylene	ND	0.0250	1	01/05/24	01/06/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/06/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/06/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		104 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2352041
Chloride	75.7	20.0	1	12/29/23	01/02/24	·



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401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS20

		2012170 20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		st: RKS	7 Hidry 200	Batch: 2401039
Volatile Organics by EPA 8021B	ND		1	01/05/24	01/06/24	Batch: 2401037
Benzene		0.0250	1			
Ethylbenzene	ND	0.0250	1	01/05/24	01/06/24	
Toluene	ND	0.0250	1	01/05/24	01/06/24	
o-Xylene	ND	0.0250	1	01/05/24	01/06/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/06/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/06/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2401039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	01/05/24	01/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2401040
Diesel Range Organics (C10-C28)	ND	25.0	1	01/05/24	01/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/05/24	01/06/24	
Surrogate: n-Nonane		102 %	50-200	01/05/24	01/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2352041
Chloride	37.6	20.0	1	12/29/23	01/02/24	



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CS21

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
			Analyst: IY				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	



S	ouder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
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F	armington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS22

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	



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401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS23

Reporting District Di							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	
Allions by ETA 500.0/3050A		mg/kg				Baten: 2332012	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS24

		Reporting	Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042			



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS25

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS26

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2401033
Benzene	ND	0.0250	1	01/05/24	01/09/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/09/24	
Toluene	ND	0.0250	1	01/05/24	01/09/24	
o-Xylene	ND	0.0250	1	01/05/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/09/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/09/24	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2401033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2401028
Diesel Range Organics (C10-C28)	ND	25.0	1	01/04/24	01/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/04/24	01/05/24	
Surrogate: n-Nonane		111 %	50-200	01/04/24	01/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2352042
Chloride	132	20.0	1	12/29/23	01/02/24	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS27

		ъ .				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Frepared	Analyzeu	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2401033
Benzene	ND	0.0250	1	01/05/24	01/09/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/09/24	
Toluene	ND	0.0250	1	01/05/24	01/09/24	
o-Xylene	ND	0.0250	1	01/05/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/09/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/09/24	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2401033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2401028
Diesel Range Organics (C10-C28)	ND	25.0	1	01/04/24	01/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/04/24	01/05/24	
Surrogate: n-Nonane		107 %	50-200	01/04/24	01/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2352042
Chloride	67.5	20.0	1	12/29/23	01/02/24	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS28

		ъ .:				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Liinit	Dilution	Frepared	Ananyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2401033
Benzene	ND	0.0250	1	01/05/24	01/09/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/09/24	
Toluene	ND	0.0250	1	01/05/24	01/09/24	
o-Xylene	ND	0.0250	1	01/05/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/09/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/09/24	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2401033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2401028
Diesel Range Organics (C10-C28)	ND	25.0	1	01/04/24	01/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/04/24	01/05/24	
Surrogate: n-Nonane		110 %	50-200	01/04/24	01/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2352042
	297	20.0		12/29/23	01/02/24	



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS29

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2352042



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

CS30

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2401033
Benzene	ND	0.0250	1	01/05/24	01/09/24	
Ethylbenzene	ND	0.0250	1	01/05/24	01/09/24	
Toluene	ND	0.0250	1	01/05/24	01/09/24	
o-Xylene	ND	0.0250	1	01/05/24	01/09/24	
p,m-Xylene	ND	0.0500	1	01/05/24	01/09/24	
Total Xylenes	ND	0.0250	1	01/05/24	01/09/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2401033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/05/24	01/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.8 %	70-130	01/05/24	01/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2401028
Diesel Range Organics (C10-C28)	ND	25.0	1	01/04/24	01/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/04/24	01/05/24	
Surrogate: n-Nonane		109 %	50-200	01/04/24	01/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2352042
Chloride	74.4	20.0	1	12/29/23	01/02/24	

orted:
1:19:38PM
: RKS
Notes
01/04/24
01/04/24
01/05/24
01/05/24



70-130

Surrogate: 4-Bromochlorobenzene-PID

Devon Aleutian 10 CTB 2 Souder Miller & Associates Project Name: Reported: 401 W. Broadway Project Number: 01058-0007 Farmington NM, 87401 Project Manager: Stephanie Hinds 1/10/2024 1:19:38PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2401039-BLK1) Prepared: 01/05/24 Analyzed: 01/05/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.51 8.00 93.8 70-130 LCS (2401039-BS1) Prepared: 01/05/24 Analyzed: 01/05/24 4.88 5.00 97.6 70-130 Benzene 0.0250 Ethylbenzene 4.86 0.0250 5.00 97.3 70-130 4.90 0.0250 5.00 98.1 70-130 Toluene o-Xylene 4.84 0.0250 5.00 96.9 70-130 9.91 10.0 99.1 70-130 0.0500 p.m-Xvlene 98.4 70-130 14.8 15.0 Total Xylenes 0.0250 8.00 94.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.55 Matrix Spike (2401039-MS1) Source: E312190-06 Prepared: 01/05/24 Analyzed: 01/05/24 5.45 0.0250 5.00 ND 54-133 Benzene ND 108 61-133 Ethylbenzene 5.40 0.0250 5.00 Toluene 5.47 0.0250 5.00 ND 109 61-130 5.41 ND 108 63-131 5.00 0.0250 o-Xylene p,m-Xylene 11.0 0.0500 10.0 ND 110 63-131 16.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.43 8.00 Matrix Spike Dup (2401039-MSD1) Source: E312190-06 Prepared: 01/05/24 Analyzed: 01/05/24 4.82 0.0250 5.00 ND 96.4 54-133 12.4 61-133 11.7 4.80 0.0250 5.00 ND 96.1 20 Ethylbenzene 61-130 Toluene 4 84 0.0250 5.00 ND 96.8 12.1 20 4.79 5.00 ND 95.9 63-131 12.1 20 o-Xylene 0.0250 9.80 10.0 ND 98.0 63-131 11.6 20 p,m-Xylene 0.0500



14.6

7.49

0.0250

15.0

8.00

ND

97.3

93.6

63-131

70-130

11.8

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Souder Miller & Associates 401 W. Broadway	Project Name: Project Number:	Devon Aleutian 10 CTB 2 01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

Farmington NM, 87401		Project Manage	r: Ste	ephanie Hind	s			1/	10/2024 1:19:38PM
	Nor	Nonhalogenated Organics by EPA 8015D - GRO							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2401033-BLK1)							Prepared: 0	1/04/24 Ana	lyzed: 01/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.8	70-130			
LCS (2401033-BS2)							Prepared: 0	1/04/24 Ana	lyzed: 01/05/24
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			
Matrix Spike (2401033-MS2)				Source:	E401011-0	04	Prepared: 0	1/04/24 Ana	lyzed: 01/05/24
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			
Matrix Spike Dup (2401033-MSD2)				Source:	E401011-0	04	Prepared: 0	1/04/24 Ana	lyzed: 01/05/24
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.5	70-130	1.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	Reported:
401 W. Broadway	Project Number:	01058-0007	•
Farmington NM, 87401	Project Manager:	Stephanie Hinds	1/10/2024 1:19:38PM

Farmington NM, 87401		Project Manage	r: Ste	ephanie Hind	s			1/10	0/2024 1:19:38PM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: RKS		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2401039-BLK1)							Prepared: 0	1/05/24 Analy	/zed: 01/05/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130				
LCS (2401039-BS2)							Prepared: 0	1/05/24 Analy	zed: 01/05/24	
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.7	70-130				
Matrix Spike (2401039-MS2)				Source:	E312190-	06	Prepared: 0	1/05/24 Analy	zed: 01/05/24	
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130				
Matrix Spike Dup (2401039-MSD2)				Source:	E312190-	06	Prepared: 0	1/05/24 Analy	zed: 01/05/24	
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130	8.94	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130				



Souder Miller & AssociatesProject Name:Devon Aleutian 10 CTB 2Reported:401 W. BroadwayProject Number:01058-0007Farmington NM, 87401Project Manager:Stephanie Hinds1/10/20241:19:38PM

1 armington 14Wi, 87401		1 Toject Ivianage	1. 50	ephanic rimus					10/2021 1:17:5011
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2401028-BLK1)							Prepared: 0	1/04/24 Ana	lyzed: 01/04/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			
LCS (2401028-BS1)							Prepared: 0	1/04/24 Ana	lyzed: 01/04/24
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	52.9		50.0		106	50-200			
Matrix Spike (2401028-MS1)				Source:	E401012-	01	Prepared: 0	1/04/24 Ana	lyzed: 01/04/24
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			
Matrix Spike Dup (2401028-MSD1)				Source:	E401012-	01	Prepared: 0	1/04/24 Ana	lyzed: 01/04/24
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	2.22	20	
Surrogate: n-Nonane	55.8		50.0		112	50-200			

Souder Miller & AssociatesProject Name:Devon Aleutian 10 CTB 2Reported:401 W. BroadwayProject Number:01058-0007Farmington NM, 87401Project Manager:Stephanie Hinds1/10/20241:19:38PM

Farmington NM, 87401		Project Manage	r: Ste	ephanie Hinds	S			1/	10/2024 1:19:38PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2401040-BLK1)							Prepared: 0	1/05/24 Ana	lyzed: 01/05/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	49.9		50.0		99.8	50-200			
LCS (2401040-BS1)							Prepared: 0	1/05/24 Ana	lyzed: 01/05/24
Diesel Range Organics (C10-C28)	277	25.0	250		111	38-132			
urrogate: n-Nonane	62.1		50.0		124	50-200			
Matrix Spike (2401040-MS1)				Source:	E312190-	16	Prepared: 0	1/05/24 Ana	lyzed: 01/05/24
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
urrogate: n-Nonane	46.8		50.0		93.6	50-200			
Matrix Spike Dup (2401040-MSD1)				Source:	E312190-	16	Prepared: 0	1/05/24 Ana	lyzed: 01/05/24
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	1.06	20	
'urrogate: n-Nonane	49.8		50.0		99.5	50-200			



Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	Reported: 1/10/2024 1:19:38PM
401 W. Broadway	Project Number:	01058-0007	
Farmington NM, 87401	Project Manager:	Stephanie Hinds	
	Anions by	EPA 300.0/9056A	Analyst: DT

			Analyst: DT						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2352041-BLK1)							Prepared: 1	2/29/23 A	nalyzed: 01/02/24
Chloride	ND	20.0					r repared. 1	2123123 FG	11a1y2ca. 01/02/24
LCS (2352041-BS1)							Prepared: 1	2/29/23 A	nalyzed: 01/02/24
Chloride	244	20.0	250		97.6	90-110			
Matrix Spike (2352041-MS1)				Source:	E312190-	02	Prepared: 1	2/29/23 A	nalyzed: 01/02/24
Chloride	618	20.0	250	354	105	80-120			
Matrix Spike Dup (2352041-MSD1)				Source:	E312190-	.02	Prepared: 1	2/29/23 A	nalyzed: 01/02/24
Chloride	609	20.0	250	354	102	80-120	1.46	20	

Souder Miller & Associates 401 W. Broadway		Project Name: Project Number:	-	Devon Aleutian)1058-0007	10 CTB 2				Reported:	
Farmington NM, 87401		Project Nanager		Stephanie Hinds	S				1/10/2024 1:19:38PM	М
		Anions	by EPA	300.0/9056	1				Analyst: IY	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2352042-BLK1)							Prepared:	12/29/23	Analyzed: 01/02/24	
Chloride	ND	20.0								
LCS (2352042-BS1)							Prepared:	12/29/23	Analyzed: 01/02/24	
Chloride	239	20.0	250		95.7	90-110				
Matrix Spike (2352042-MS1)				Source:	E312190-2	2	Prepared:	12/29/23	Analyzed: 01/02/24	
Chloride	2990	40.0	250	2750	95.8	80-120				
Matrix Spike Dup (2352042-MSD1)				Source:	E312190-2	2	Prepared:	12/29/23	Analyzed: 01/02/24	
Chloride	2950	40.0	250	2750	80.4	80-120	1.30	20		

QC Summary Report Comment:

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



Definitions and Notes

Souder Miller & Associates	Project Name:	Devon Aleutian 10 CTB 2	
401 W. Broadway	Project Number:	01058-0007	Reported:
Farmington NM, 87401	Project Manager:	Stephanie Hinds	01/10/24 13:19

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Project Info						Chain c	of Custody										Page _	_ of _3
Client: D	icter even	mule Aleut	Jan II	sociates octb2	Attention: Address: City, State, Zip	#219892 Bill To		ab WO		0	1100	umber	Tra		D R	CRA	Program CWA State	
Address: 2 City, State Phone: 5	Zip (1)	115ba	d NW	188270 una 1, com	Phone: Email:		Lab	DRO/ORO by 80 t5	BTEX by 8021	VOC. by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	×L. JOGG8		X OK	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Number	DHC	B. B.	Ş	Σ	ν	+	n	8			
1330	12/27	1-	\	CSOL			12					X					,,	
1332		5		CS02			3		1			X						
1333	-	15	1	CS03			4					У						
1335	+	S	++-	CS04			5					X	_					
1337		5		CS06			6		_	\perp	_	Х	-	\perp	-		1	
1339		5	1	CSD7			7		-	+	+	Х		+	+	\vdash		
1341		5	1	CSUS			8	-		\dashv	+	X		+	\dagger	$\dagger \dagger$		
1343	3	5	1	CS09			10			\dashv	\dashv	X			+			
134 Addition	onalins	tructions:	Sa Sa	CSIO rahmay eurgean	Schlea G n. good w are that tampering with or in	Souderm	dernu dernu	om lev:	COV	n	4	S+c	ChC	of preserva	C svock to	Hind e received or but less than	S@ S ke the day they a	ouder re sampled at 1 days
Relinqu	oilection is co	(Signature)	and may be gro	late Tim	e Receive	d by: (Signature)	Date Date	7-23	Time			Receiv	ed on i	ice:	Lab (V)/	Use On N	ly T3	
Reling	Lighed by:	(Signature) (Signature)		Date Tin	73/15 NO	rew 14.950 ed by: (Sigrature)	Date 12	28.2 1912 ainer Ty	37	30		AVG T		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	rglass	, v - VOA		rpies :s applica
Sample Note: S	e Matrix: 5 - Samples are o those sam	Sol. Sd - Solid discarded 30 piles received	i, Sg - Sludge. dans after res by the laborat	A - Aqueous, O - Other ults are reported unleading with this COC - Th	ss other arrangements are liability of the laborato	re made. Hatandous samp	alac will be returne	d to client	or disp	osed of	at the o	dient exp	ense Th	e-eport	יטר (ח∈ ו	31 101 1313 01		**

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Project Information	Chain of Custody									Page 2 of 3
Client: Suder Miller + Ascelates Project: De Lyn Aleutian 10 at B2 Project Manager: Steph Hinds	Attention: Address: Devon - Billing City, State, Zip	Lab W			O	Number 058 - C	roa	TAT	RCR	EPA Program A CWA SDWA State NM CO UT AZ
City, State, Zio (ar Soad MM 88230) Phone: 57572-51311 Email: Report due by:	Phone: Email:	DRO/ORO by 8015	GRO/DRO by 8015	I EV DY OVER	VOC. by 8260 Metals 6010	Chloride 300.0		BGDOC - NM	8GDOC - 1X	X TX OK Remarks
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Additional Instructions: Dead Service Page (# d sampler), attest to the validity and authenticity of the sample. I am assure	are that tampering with or intentionally mislabelling the sample location. da	e or				Samples reou	ring thermal	presenat:	e: zud C gwads	erred on ite the day they are sampled or ss than it is prisubsequent days
Relinquished by: (Signature)	Received by: (Signature) Oan Mille Early Date Date	72.7	Tim	770	00	Receive	ed on ic		Lab Use	e Only
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range March S- Soil, Sd - Soil, Sg - Sludge, A - Aqueous, O - Other	Cor	tainer T	ype: g	- gl	ass, p ·				glass, v - or the anal	VUA usis of the above samples is applicable
Note: Samples are discarded 30 days after results are reported unleading to those samples received by the laboratory with this COC. The	e liability of the laborator, is limited to the amount paid for on the	report								

Released Information	Chain of Custody							Page 3 of 3
Client: Souder Miller + Associates Project: Down Aleutian 100182 Project Manager: Steph Hinds Address: 201 S Halaqueno	Attention: Address: Devon - Billing City, State, Zip	Lab WC		b Use O	Number	207 10	IAT 3D	RCRA CWA SDWA State NM CO UT AZ
Address: OI S FATTER AND STATE OF STATE	Phone: Email:	DRO/ORO by 8015	GRO/DRO by BOTS RTEX by 8023	VOC. by 8260	Chloride 300.0	MAN	BGDOC - NM	TX OK Remarks
Time Date Matrix No Containers Sample ID	Number	DHO	GRO	NOV S	3	++	86	
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1417 S 1 CS24	2	-		-	X			
1419 S 1 CS28	28	-	1-1	-	X		++	
1422 5 1 CS29	20	1	++	+	X		+	
1424 V S 1 CS30	13				X	1_1.		
Additional Instructions: Color Solor Color	vare that tampering with or intentionally mislabelling the sample location, day	e or	-		Samples reou received pack	uring therma ^l pre ked in ice at an av	ng tew t span.	ust be received a nice the day they are sampled or re Dibut less than is if can subsequent days
Relinquished by: (Signature)	ne Received by: (Signature) Date Date Date Date Date Date Date Date	262	Time	500	Receiv	ed on ice	: (Y	ab Use Only)/ N
Relinquished by: (Signature)	ne (Signature) Date A 2115 (MN M M M)	1913	Time	:30		emp °C_	12 4	VO2
Sample Matrix: 5 - Soi, Sd - Soild, Sg - Sludge, A - Aqueous, O - Oth. Note: Samples are discarded 30 days after results are reported unlike the samples are discarded 30 days after results are reported unlike.	Cor	ed to clier	ype: g -	glass, posed of at t	poly/plas	stic, ag - ar	port for the	ass, v - VOA the analysis of the above samples is applicable
Note: Samples are discarded 30 days after results are reported unit only to those samples received by the laboratory with this COC. The	ess other arrangements are made india robus samples will be extended in the laboratory is limited to the amount paid for on the	report						

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Printed: 12/29/2023 11:03:15AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Souder Miller & Associates	Date Received:	12/29/23	07:30		Work Order ID:	E312190
Phone:	505-793-7079	Date Logged In:	12/28/23	15:06		Logged In By:	Jordan Montano
Email:	stephanie.hinds@soudermiller.com	Due Date:	01/03/24	17:00 (2 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted it.e, 15 minute hold time, are not included in this disucssi			,		Comment	s/Resolution
	<u> </u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling	re received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
	Container						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info	ormation:	V				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes No				
	reservation		110				
-	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved r	netals?	No				
Multinha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		, 200.	INA				
	act Laboratory		3.7				
	amples required to get sent to a subcontract laborate	•	No				
29. was a	subcontract laboratory specified by the client and i	i so wno?	NA	Subcontract Lab): NA		
Client Ir	<u>nstruction</u>						

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Date

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Additional Instructions:	
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(field sampler), artest to the validity and authenticity of the	Sample Tollinate State

CS29

Attention:

Phone:

Email:

Sample ID

Container

City, State, Zip

Address: Druon- Billing

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Lab Use Only AVG Temp C

Container Type: g - glass, p - poly/plastic, ag - amberglass, v - VOA Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hatandous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable. only to those samples received by the laboratory with this COC. The liability of the laborator, is limited to the amount paid for on the report

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Report to:
Stephanie Hinds







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: Aleutian 10 CTB2

Work Order: E401057

Job Number: 01058-0007

Received: 1/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/15/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/15/24

Stephanie Hinds 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Aleutian 10 CTB2

Workorder: E401057

Date Received: 1/12/2024 7:00:00AM

Stephanie Hinds,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/12/2024 7:00:00AM, under the Project Name: Aleutian 10 CTB2.

The analytical test results summarized in this report with the Project Name: Aleutian 10 CTB2 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,

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Sample Summary

Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	Donoutoda
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	01/15/24 14:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS13	E401057-01A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS14	E401057-02A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS29	E401057-03A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS05	E401057-04A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS16	E401057-05A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS25	E401057-06A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS24	E401057-07A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS23	E401057-08A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS22	E401057-09A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
CS21	E401057-10A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
SW1	E401057-11A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.
SW2	E401057-12A	Soil	01/11/24	01/12/24	Glass Jar, 2 oz.

Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS13

E401057-01

		E-101037-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		106 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2402074
Chloride	ND	20.0	1	01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS14

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		106 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2402074
Chloride	32.3	20.0	1	01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS29

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		106 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2402074
Chloride	4090	40.0	2	01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS05

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG	<u>-</u>	Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		111 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2402074
Chloride	35.8	20.0	1	01/12/24	01/12/24	-



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS16

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
o,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		111 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2402074
Chloride	41.0	20.0	1	01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS25

		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: EC	ì		Batch: 2402075
Benzene	ND	0.0250	1		01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1		01/12/24	01/12/24	
Toluene	ND	0.0250	1		01/12/24	01/12/24	
o-Xylene	ND	0.0250	1		01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1		01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1		01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130		01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: EC	ì		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130		01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: KN	М		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1		01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1		01/12/24	01/12/24	
Surrogate: n-Nonane		66.4 %	50-200		01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT	Γ		Batch: 2402074
Chloride	87.9	20.0	1		01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS24

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		92.5 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	.nalyst: DT		Batch: 2402074
Chloride	39.4	20.0	1	01/12/24	01/12/24	·



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS23

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		90.6 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2402074
	55.8	20.0		01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS22

		Domontino				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		92.7 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2402074
Chloride	68.5	20.0	1	01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

CS21

		D				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		93.1 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2402074
Chloride	61.9	20.0	1	01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

SW1

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		93.8 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2402074
Chloride	37.1	20.0	1	01/12/24	01/12/24	



Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

SW2

		E401057-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2402075
Benzene	ND	0.0250	1	01/12/24	01/12/24	
Ethylbenzene	ND	0.0250	1	01/12/24	01/12/24	
Toluene	ND	0.0250	1	01/12/24	01/12/24	
o-Xylene	ND	0.0250	1	01/12/24	01/12/24	
p,m-Xylene	ND	0.0500	1	01/12/24	01/12/24	
Total Xylenes	ND	0.0250	1	01/12/24	01/12/24	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2402075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/12/24	01/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	01/12/24	01/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2402073
Diesel Range Organics (C10-C28)	ND	25.0	1	01/12/24	01/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/12/24	01/12/24	
Surrogate: n-Nonane		95.2 %	50-200	01/12/24	01/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2402074
Chloride	153	20.0	1	01/12/24	01/12/24	



QC Summary Data

Aleutian 10 CTB2 Souder Miller Associates - Carlsbad Project Name: Reported: 201 S Halagueno St. Project Number: 01058-0007 Carlsbad NM, 88220 Project Manager: Stephanie Hinds 1/15/2024 2:41:48PM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2402075-BLK1) Prepared: 01/12/24 Analyzed: 01/12/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.51 8.00 93.9 70-130 LCS (2402075-BS1) Prepared: 01/12/24 Analyzed: 01/12/24 4.73 5.00 94.5 70-130 Benzene 0.0250 Ethylbenzene 4.72 0.0250 5.00 94.4 70-130 4.75 0.0250 5.00 95.1 70-130 Toluene 94.5 o-Xylene 4.73 0.0250 5.00 70-130 9.62 10.0 96.2 70-130 0.0500 p.m-Xvlene 95.7 70-130 14.4 0.0250 15.0 Total Xylenes 8.00 95.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.65 Matrix Spike (2402075-MS1) Source: E401057-08 Prepared: 01/12/24 Analyzed: 01/12/24 4.89 0.0250 5.00 ND 97.9 54-133 Benzene ND 97.7 61-133 Ethylbenzene 4.88 0.0250 5.00 Toluene 4.92 0.0250 5.00 ND 98.4 61-130 4.90 ND 98.1 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.95 0.0500 10.0 ND 99.5 63-131 14.9 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.66 8.00 Matrix Spike Dup (2402075-MSD1) Source: E401057-08 Prepared: 01/12/24 Analyzed: 01/12/24 4.98 0.0250 5.00 ND 99.5 54-133 1.70 61-133 4.99 0.0250 5.00 ND 99.7 2.11 20 Ethylbenzene 61-130 Toluene 5.02 0.0250 5.00 ND 100 2.00 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

99.6

102

101

96.3

63-131

63-131

63-131

70-130

1.57

2.08

1.91

20

20

20

4.98

10.2

15.1

7.70



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	Reported:
201 S Halagueno St.	Project Number:	01058-0007	-
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

Carlsbad NM, 88220		Project Manager	r: Ste	ephanie Hinds	S			1/1	5/2024 2:41:48PM
	Non	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2402075-BLK1)							Prepared: 0	1/12/24 Anal	yzed: 01/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			
LCS (2402075-BS2)							Prepared: 0	1/12/24 Anal	yzed: 01/12/24
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			
Matrix Spike (2402075-MS2)				Source:	E401057-	08	Prepared: 0	1/12/24 Anal	yzed: 01/12/24
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.3	70-130			
Matrix Spike Dup (2402075-MSD2)				Source:	E401057-	08	Prepared: 0	1/12/24 Anal	yzed: 01/12/24
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	3.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			

QC Summary Data

Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	Reported:
201 S Halagueno St.	Project Number:	01058-0007	·
Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	1/15/2024 2:41:48PM

Carisbad NM, 88220		Project Manage	r: Ste	epnanie Hind	S				1/15/2024 2:41:48PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2402073-BLK1)							Prepared: 0	1/12/24 A	nalyzed: 01/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			
LCS (2402073-BS1)							Prepared: 0	1/12/24 A	nalyzed: 01/12/24
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
Surrogate: n-Nonane	50.0		50.0		100	50-200			
Matrix Spike (2402073-MS1)				Source:	E401059-	02	Prepared: 0	1/12/24 A	nalyzed: 01/12/24
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			
Matrix Spike Dup (2402073-MSD1)				Source:	E401059-	02	Prepared: 0	1/12/24 A	nalyzed: 01/13/24
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132	0.194	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			



QC Summary Data

Souder Miller Associates - Carlsbad		Project Name:		leutian 10 CT	B2				Reported:
201 S Halagueno St. Carlsbad NM, 88220		Project Number: Project Manager:		1058-0007 tephanie Hinds	S				1/15/2024 2:41:48PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2402074-BLK1)							Prepared: 0	1/12/24	Analyzed: 01/12/24
Chloride	ND	20.0							
LCS (2402074-BS1)							Prepared: 0	1/12/24	Analyzed: 01/12/24
Chloride	248	20.0	250		99.4	90-110			
Matrix Spike (2402074-MS1)				Source:	E401057-0	03	Prepared: 0	1/12/24	Analyzed: 01/12/24
Chloride	4390	40.0	250	4090	116	80-120			
Matrix Spike Dup (2402074-MSD1)				Source:	E401057-0	03	Prepared: 0	1/12/24	Analyzed: 01/12/24
Chloride	4510	40.0	250	4090	168	80-120	2.92	20	M4

QC Summary Report Comment:

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



Definitions and Notes

ſ	Souder Miller Associates - Carlsbad	Project Name:	Aleutian 10 CTB2	
l	201 S Halagueno St.	Project Number:	01058-0007	Reported:
l	Carlsbad NM, 88220	Project Manager:	Stephanie Hinds	01/15/24 14:41

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Bill To

Attention: Devon

EPA Program

CWA SDWA

State

TAT

1D 3D

RCRA

Lab Use Only

| Job Number | 10 | PE 40057 010680007 | X

Received by OCD: 5/6/2024 9:12:58 AM

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000	o those samp	les received	by the labora	tory with this COL This															

Received by OCD: 5/6/2024 9:12:58 AM

Page 23 of 24

South Miller + Associates Attention: Action		1			Lai	0 0 3	Onl	y .		- 1				
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and many he are inde for legal action. Samples by	To-s			ĪT	Time		-	-				Lab	Use O	nly
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C TO SA SOUR DE DIDUCE A PROCESSA	- Ittl ba carre	rred	to clier part	nt or I	U:Spos	2001	2(: 15)				4			

envirotech

Printed: 1/12/2024 3:55:50PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Souder Miller Associates - Carlsbad	Date Received:	01/12/24	07:00	Work Order ID:	E401057
Phone: (575) 200-5443	Date Logged In:	01/11/24	16:03	Logged In By:	Alexa Michaels
Email: stephanie.hinds@soudermiller.com	Due Date:	01/15/24	17:00 (1 day TAT)		
Chain of Custody (COC) 1. Does the sample ID match the COC?	d 41 000	Yes			
2. Does the number of samples per sampling site lo	cation match the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>	
4. Was the COC complete, i.e., signatures, dates/tin	nes, requested analyses?	Yes			
 Were all samples received within holding time? Note: Analysis, such as pH which should be a i.e, 15 minute hold time, are not included in the contract of the contra		Yes		<u>Commer</u>	nts/Resolution
Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedite	d TAT?	Yes		COC Remarks: Sample	es -03, -11, and -12
Sample Cooler				are on hold per client r	equest. Visable
7. Was a sample cooler received?		Yes		whiteout present on CO	OC from client.
8. If yes, was cooler received in good condition?		Yes		winteout present on ex	oc from enem.
9. Was the sample(s) received intact, i.e., not broke	n?	Yes			
10. Were custody/security seals present?		No			
11. If yes, were custody/security seals intact?					
12. Was the sample received on ice? If yes, the recorded t Note: Thermal preservation is not required, if		NA Yes			
minutes of sampling 13. If no visible ice, record the temperature. Actu	•	<u>°C</u>			
Sample Container					
14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		NA			
16. Is the head space less than 6-8 mm (pea sized o	r less)?	NA			
17. Was a trip blank (TB) included for VOC analys	es?	NA			
18. Are non-VOC samples collected in the correct	containers?	Yes			
19. Is the appropriate volume/weight or number of san	aple containers collected?	Yes			
Field Label					
20. Were field sample labels filled out with the min Sample ID?	illiulli illioilliation.	Yes			
Date/Time Collected?		Yes			
Collectors name?		Yes			
Sample Preservation					
21. Does the COC or field labels indicate the sample	les were preserved?	No			
22. Are sample(s) correctly preserved?		NA			
24. Is lab filteration required and/or requested for d	lissolved metals?	No			
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.e.	, multiphase?	No			
27. If yes, does the COC specify which phase(s) is	·	NA			
	•	. 12 1			
Subcontract Laboratory 28. Are samples required to get sent to a subcontract	at laboratory?	Ma			
29. Was a subcontract laboratory specified by the c		No NA	Subcontract Lab	o: NA	
Client Instruction					
Signature of client authorizing changes to the COC or	sample disposition			 Date	envirotech Inc

<u>District I</u> 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

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

QUESTIONS

Action 340880

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	340880
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2330623246				
Incident Name	NAPP2330623246 ALEUTIAN 10 CTB 2 @ 0				
Incident Type	Produced Water Release				
Incident Status	Remediation Closure Report Received				
Incident Facility	[fAPP2300331384] ALEUTIAN 10 CTB 2				

ocation of Release Source						
Please answer all the questions in this group.						
Site Name	ALEUTIAN 10 CTB 2					
Date Release Discovered	11/01/2023					
Surface Owner	Federal					

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 8 BBL Recovered: 3 BBL Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	10" TRUNKLINE GASKET BLEW APART CAUSING SPILL IN AND OUTSIDE THE CONTAINMENT ON LOCATION. SHUT OFF PUMPS AND ISOLATED LEAK. SHUT IN FACILITY FOR WATER TAKE AWAY 2.5 BBLS RECOVERED

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

QUESTIONS, Page 2

Action 340880

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	IONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 340880 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional

Email: Dale.Woodall@dvn.com

Date: 05/05/2024

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

QUESTIONS, Page 3

Action 340880

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	340880
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Greater than 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions t	hat apply or are indicated. This information must be provided t	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	emonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertice	al extents of contamination been fully delineated	Yes
Was this release entirely of	ontained within a lined containment area	No
Soil Contamination Sampling	g: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	12100
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	NMAC unless the site characterization report includes complete the state of the sta	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
On what estimated date w	ill the remediation commence	12/14/2023
On what date will (or did) t	he final sampling or liner inspection occur	01/11/2024
On what date will (or was)	the remediation complete(d)	01/11/2024
What is the estimated surf	ace area (in square feet) that will be reclaimed	200
What is the estimated volu	me (in cubic yards) that will be reclaimed	7.5
What is the estimated surf	ace area (in square feet) that will be remediated	4742
What is the estimated volu	me (in cubic yards) that will be remediated	210
These estimated dates and measi	urements are recognized to be the best guess or calculation at t	the time of submission and may (be) change(d) over time as more remediation efforts are completed.

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 340880

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 Artesia LLC LANDFARM [fEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 05/06/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 340880

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	340880
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 340880

QUESTIONS (continued)

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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded 301016	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/11/2024
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	2000

Remediation Closure Request	and distinguished by the second state of
Only answer the questions in this group if seeking remediation closure for this release because all re	T
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4742
What was the total volume (cubic yards) remediated	210
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	4742
What was the total volume (in cubic yards) reclaimed	210
Summarize any additional remediation activities not included by answers (above)	see report

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

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

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 05/06/2024

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QUESTIONS, Page 7

Action 340880

QUESTIONS (continued)

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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 340880

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
bhall	Closure approved. A reclamation report and a revegetation report will need to be submitted prior to this incident receiving the final status of "Restoration Complete".	5/8/2024
bhall	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/8/2024
bhall	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/8/2024
bhall	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/8/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	5/8/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	5/8/2024