Oil Conservation Division

Page 3

Incident ID

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.

What is the shallowest depth to groundwater beneath the area affected by the release?	$\frac{282}{\text{bgs}}$ (ft
Did this release impact groundwater or surface water?	\Box Yes \boxtimes No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	$\Box Yes \boxtimes No$
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🖾 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No ☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	
Are the lateral extents of the release overlying a subsurface mine?	\square Yes \boxtimes No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 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.

Characterization Report Checklist: Each of the following items must be included in the report.

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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: 2/22/2023	2:08:08 PM State of New Mexico			Page 2 of 14					
			Incident ID	nDHR1913638361					
Page 4	Oil Conservation Division		District RP	1RP-5492					
			Facility ID						
			Application ID						
regulations all operators are republic health or the environme failed to adequately investigate addition, OCD acceptance of a and/or regulations. Printed Name: <u>Dale Woo</u> Signature: <u>Dala Woo</u> email: <u>Dale.Woodall@dv</u>	rdall	ifications and perform OCD does not relieve eat to groundwater, s f responsibility for co	n corrective actions for rele e the operator of liability shu urface water, human health mpliance with any other feo rofessional	eases which may endanger ould their operations have or the environment. In					
OCD Only Received by: Jocely	n Harimon	Date:	02/22/2023						

Page 6

Oil Conservation Division

Incident ID	nDHR1913638361
District RP	1RP-5492
Facility ID	
Application ID	

Page 3 of 142

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: <u>Dale Woodall</u> Title: <u>Env. Professional</u> Signature Dale Woodall _____ Date: 02/22/2023 email: <u>Dale.Woodall@dvn.com</u> Telephone: 575-748-1838 **OCD Only** Jocelyn Harimon Received by: Date: 02/22/2023 Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: Date: Title: Printed Name:



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

February 22, 2023

#5E31003-BG27

NMOCD District 1 1625 North French Drive Hobbs, New Mexico 88240

SUBJECT: Remediation Closure Report for the Rio Blanco 33 Federal 2 (nOY1727241068 / nDHR1913638361), Lea County, New Mexico

1.0 Introduction

On behalf of Devon Energy Production Company (Devon), Souder, Miller & Associates (SMA) has prepared this Remediation Closure Report that describes the release assessment results and closure request for a produced water release related to oil and gas production activities at the Rio Blanco 33 Federal 2 (nOY1727241068/nDHR1913638361). The release site is located in Unit F, Section 33, Township 22S, Range 34E, Lea County, New Mexico, on State Trust Land administered by the New Mexico State Land Office (NMSLO). 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	Rio Blanco 33 Federal 2	Company	Devon Energy Production Company							
API Number	30-025-36360	Land Status	State Trust Land							
Incident Number n	OY1727241068									
Incident Number	nOY1727241068 /	Release	32.3499985, -103.4771576							
	pOY1727241260 / 1RP-4829	Location	32.3433383; -103.4771370							
Date of Release	September 13, 2017									
Source of Release	Leak on flowline									
Released Volume	10 barrels (bbls) Produced Water	Recovered	6 bbls Produced Water							
Released volume 10 barrels (bbis) Produced Water		Volume	o bbis Floduced Water							
Incident Number n	DHR1913638361									
Incident Number	nDHR1913638361 /	Release	32.3499985, -103.4771576							
	pDHR1913638160 / 1RP-5492	Location	32.3433383; -103.4771370							
Date of Release	November 2, 2018									
Source of Release	Release from previously isolated fl	owline								
Released Volume	17 bbls Produced Water	Recovered	0 bbls Produced Water							
Neleased Volume	17 bbis Floduced Water	Volume	o bbis Floudced Water							
NMOCD Closure	>100 feet to groundwater									
Criteria	>100 leet to groundwater									
SMA Response	November 28, 2022; December 6,	7 2022								
Dates		1,2022								

2.0 Background

On September 13, 2017, a produced water release was discovered at the Rio Blanco 33 Federal 2 site. A second release occurred from the flowline on November 2, 2018, when another well was brought into production but was discovered to be tied to the flowline which was thought to be isolated. Initial response activities were conducted by Devon, and included source elimination and site security, containment, and site stabilization

Page 2 of 4

Page 5 of 142

activities. Both releases occurred in the same area and remained entirely on the pad. Figure 1 illustrates the vicinity and site location; Figure 2 illustrates the release location. Copies of the initial C-141 are included in Appendix A.

3.0 Site Information and Closure Criteria

The Rio Blanco 33 Federal 2 site is located approximately 44 miles east-southeast of Carlsbad, New Mexico on State Trust land at an elevation of approximately 3,411 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 reported two wells, CP-1705 and CP-1706, within ½-mile of the site, with reported depths to groundwater of 305 feet and 282 feet, respectively. (Appendix B).

Wellhead Protection Area

There are six known water wells within ½-mile of the location, according to the OSE NMWRRS and USGS National Water Information System. Registered wells in the vicinity are shown on Figure 1.

Distance to Nearest Significant Watercourse

The nearest significant watercourse is an unnamed ephemeral wash, located approximately one mile to the northeast.

Closure Criteria

Table 2 demonstrates the Closure Criteria applicable to this location. Figures 1 and 2 illustrate the 200 and 300-foot radii which indicate that the site does not lie within a sensitive area as described in Paragraph (4) of Subsection (C) of 19.15.29.12 New Mexico Administrative Code (NMAC).

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet below grade surface (bgs).

4.0 Release Characterization

SMA personnel performed a release assessment which included the advancement of fourteen soil borings (BH01 through BH14) using a hand auger. Soil samples were collected from the surface and every foot thereafter to auger refusal on rock at total boring depths ranging from 3.5 to 5 feet bgs. Soil samples were field screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. Soil boring locations are illustrated on Figure 3. Copies of field notes and a photolog are included in Appendix C.

Samples selected for laboratory analysis were collected and submitted to the laboratory in accordance with the sampling protocol included in Appendix D. The samples were analyzed for total chloride using United States Environmental Protection Agency (USEPA) Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using USEPA Method 8021B; and total petroleum hydrocarbons (TPH) as motor, diesel and gasoline range organics (MRO, DRO, and GRO) by USEPA Method 8015D.

Laboratory analytical results indicate that benzene and total BTEX concentrations are below laboratory reporting limits of 0.0250 milligrams per kilogram (mg/kg) and 0.100 mg/kg, respectively. These laboratory reporting limits are below the Closure Criteria of 10 mg/kg benzene and 50 mg/kg total BTEX. Laboratory analytical results also indicate that TPH (GRO+DRO) concentrations range from below laboratory reporting limits of 45.0 mg/kg to 68.8 mg/kg in BH03, which are below the Closure Criteria of 1,000 mg/kg. Total TPH concentrations are reported

Page 3 of 4

Rio Blanco 33 Fed 2 Release Closure Report February 22, 2023

ranging from below laboratory reporting limits to 277 mg/kg in BH03, which are below the Closure Criteria of 2,500 mg/kg. Finally, chloride concentrations are reported ranging from below laboratory reporting limits to 4,550 mg/kg in BH01, which are below the Closure Criteria of 20,000 mg/kg. Laboratory analytical reports are included in Appendix E.

5.0 Recommendations

As demonstrated in Table 3, all release assessment samples meet NMOCD Closure Criteria of Table I of 19.15.29.12 NMAC for a release where depth to groundwater is greater than 100 feet bgs. The release area is located entirely on the well pad.

SMA recommends no further action and requests closure of Incident Numbers nOY1727241068 (1RP-4829) / nDHR191368361 (1RP-5492).

6.0 Scope and Limitations

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

If there are any questions regarding this report, please contact Heather Woods at (505) 716-2787.

Submitted by: SOUDER, MILLER & ASSOCIATES Reviewed by:

Georgeann Goodman Field Technician II

Heather M. Woods

Heather M. Woods, P.G. Project Geoscientist

REFERENCES:

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

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

ATTACHMENTS:

Figures:

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

Tables:

Table 2: NMOCD Closure Criteria Justification Table 3: Summary of Sample Results

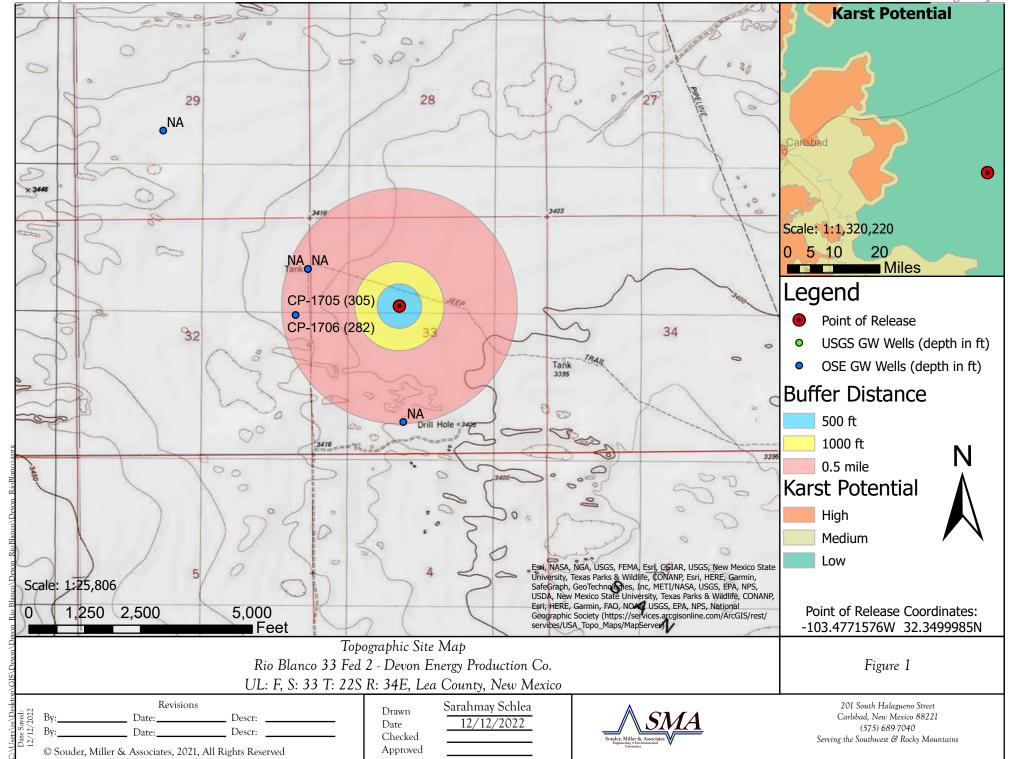
Appendices:

Appendix A: Form C-141 Appendix B: Water Well Data Appendix C: Field Notes and Photo Log Appendix D: Sampling Protocol Appendix E: Laboratory Analytical Reports Page 7 of 142

Page 4 of 4

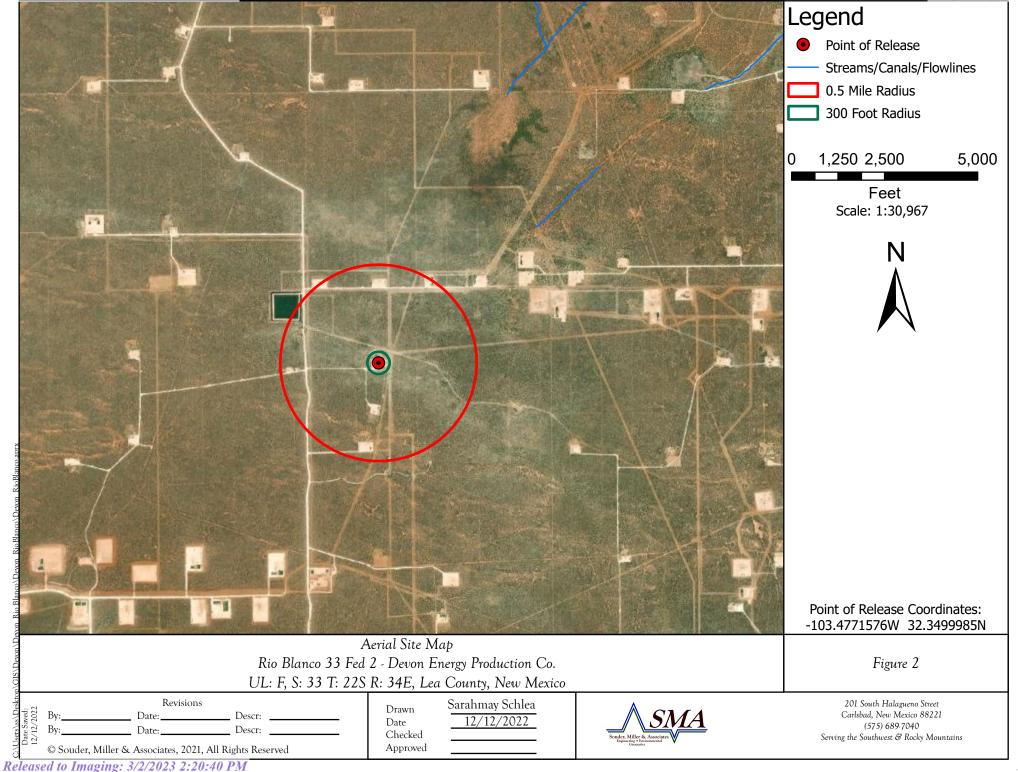
FIGURES

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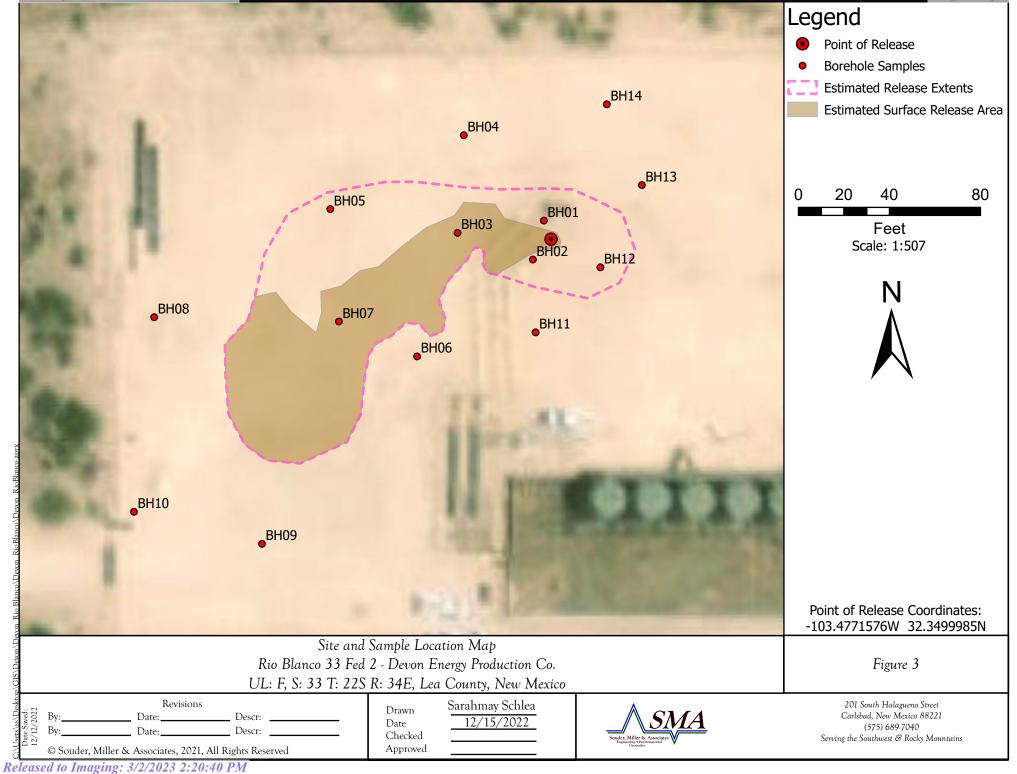
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Page 11 of 142



TABLES

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Table 2: NMOCD Closure Criteria Devon Energy Production Company Rio Blanco 33 Fed 2

Site Information (19.15.29.11.A(2, 3, and 4) NMAC	Source/Notes				
Depth to Groundwater (feet bgs)	United States Geological Survey				
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	2,275	New Mexico Office of the State Engineer			
Hortizontal Distance to Nearest Significant Watercourse (ft)	5,280	United States Geological Survey Topo Map			

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

Table 3: Summary of Field Screening and Laboratory Analytical Results

Devon Energy Production Company Rio Blanco 33 Fed 2

		Depth of	Field Sci	eening	Metho	od 8021B		N	Nethod 8015	D		Method 300.0
Sample ID	Sample Date	Sample (feet bgs)	VOCs by PID	EC	BTEX	Benzene	GRO	DRO	GRO + DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NMOC	D Closure Crite	eria		50	10			1,000		2,500	20,000
		0		2.85	<0.100	<0.0250	<20.0	55.5	55.5	75.1	130.6	3,700
		1		4.02	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	4,550
BH01	11/28/2022	2		1.00								
BHUI	11/20/2022	3		0.77	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	731
		4		0.66								
		5		0.68	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	315
		0		0.12	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	87.2
BH02		1		2.94	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	3,750
BH02	11/28/2022	2		0.94								
BHOZ	11/20/2022	3		1.05	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	1,520
		4		0.56								
		5		0.63	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	1,020
	11/28/2022	0		0.13	<0.100	<0.0250	<20.0	68.8	68.8	208	277	<20.0
		1		0.18								
BHU03		2		0.37								
BH05		3		0.86	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	795
BH03		4		0.69								
		5		0.26	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	277
вноз 11/2		0		0.05	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.28	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	191
BHO1	11/28/2022	2		0.21								
B1104	11/20/2022	3		0.18	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	115
		4		0.22								
		5		0.11	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	22.6
		0		0.12	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.93	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	628
DUOF	11/20/2022	2		0.14								
BH05	11/28/2022	3		0.24	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	168
		4		0.21								
		5		0.10	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	36.6
		0		0.08	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.64	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	542
BH06	11/28/2022	2		0.18	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	63.4
		3		0.17								
		3.5		0.13	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	50.7



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Table 3: Summary of Field Screening and Laboratory Analytical Results

Devon Energy Production Company
Rio Blanco 33 Fed 2

	e ID Sample Date	Depth of	Field Sci	reening	Metho	od 8021B		Method 300.0				
Sample ID		Sample (feet bgs)	VOCs by PID	EC	BTEX	Benzene	GRO	DRO	GRO + DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NMOC	D Closure Crit	eria		50	10			1,000		2,500	20,000
BH07		0		0.04	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.10								
	11/28/2022	2		0.13	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
BII07	11/20/2022	3		0.15								
		4		0.21								
		5		0.10	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	51.3
		0		0.05	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.12								
рцло	11/20/2022	2		0.20	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	106
БПОО	11/28/2022	3		0.45								
		4		0.48	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	472
		5		0.36	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	434
		0		0.04	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.17								
DUIDO	11/20/2022	2		0.18	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	39.4
BH09	11/28/2022	3		0.15	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		4		0.10								
		5		0.09	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
вноя вноя вноя вноя вноя вноя вноя вноя		0		0.06	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.08								
DU14.0	11/20/2022	2		0.10	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	25.4
BHIO	11/28/2022	3		0.16	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	64.5
		4		0.10								
		4.5		0.13	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	25.5
		0		0.12	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.43	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	203
DUIAA	12/0/2022	2		0.16								
BH11	12/6/2022	3		0.17	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	37.6
		4		0.08								
		4.5		0.18	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	42.1



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Table 3: Summary of Field Screening and Laboratory Analytical Results

Devon Energy Production Company
Rio Blanco 33 Fed 2

Sample ID		Depth of	Field Sci	reening	Metho	Method 8021B		Method 8015D				
	Sample Date	Sample (feet bgs)	VOCs by PID	EC	BTEX	Benzene	GRO	DRO	GRO + DRO	MRO	Total TPH	Chloride
			ppm	mS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NMOC	D Closure Crite	eria		50	10			1,000		2,500	20,000
		0		0.38	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	361
BH12		1		1.40	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	1,510
	12/7/2022	2		0.43								
DITIZ	12/7/2022	3		0.51	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	432
		4		0.39								
		5		0.28	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	226
		0		0.09	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	26.0
		1		0.25	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	152
BH13	12/7/2022	2		0.26								
DUI2	12/7/2022	3		0.34	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	226
		4		0.30								
		5		0.40	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	523
		0		0.06	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	<20.0
		1		0.33	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	171
BH14	12/7/2022	2		0.45								
DII14	12/1/2022	3		0.31	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	171
		4		0.33								
		4.5		0.54	<0.100	<0.0250	<20.0	<25.0	<45.0	<50.0	<95.0	588

Notes: NMOCD - New Mexico Oil Conservation Division

VOCs - volitile organic compounds

PID - photoionization detector

ppm - parts per million

EC - electrical conductivity

mS - microsiemens

BTEX - benzene, ethylbenzene, toluene, and xylenes

mg/kg - milligrams per kilogram

GRO - gasoline range organics

DRO - diesel range organics

MRO - motor oil range organics

TPH - total petroleum hydrocarbons

--" - not analyzed



APPENDIX A FORM C141

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Page 18 of 142

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

1220 S. St. Fran	ncis Dr., Santa	Fe, NM 87505	5	Sa	anta F	e, NM 875	05						
			Rele	ease Notifie	catio	n and Co	orrective	e Actio	n				
						OPERA				al Report	🗌 F	Final Report	
				ion Company		Contact Aaron Kidd, Technical Services Foreman							
		Rivers Hwy lanco 33 Fed		NM 88210		Telephone No. 575-748-9936 Facility Type Salt Water Disposal							
· ·							je Salt Wa	ter Dispos					
Surface Ov	wner Stat	te -		Mineral	Owner	Federal			API No	30-025-36	360		
				LOCA	ATIO	N OF REI	LEASE						
Unit Letter F	Section 33	Township 22S	Range 34E	Feet from the 1980		/South Line North	Feet from 1980	the East	West Line West	County Lea			
			Latitude	e: 32.3499985			Longitude:	: -103.4771	576				
				NAT	TURE	OF REL							
Type of Rele	ease Produc	ed Water				Volume of	Release 10	BBLS PW	Volume 1	Recovered (5BBLS F	W	
Source of R Discharge Pi							Hour of Occ @11:30 AM			Hour of Di 7 @11:30 A			
Was Immed	liate Notice		Yes 🗌] No 🗌 Not R	equired	If YES, To OCD-Oliv	a Yu						
By Whom?	Aaron Kide	d, Technical S	Services Fo	oreman		BLM-Shel Date and							
						BLM-9/13/2017 @ 4:02 PM OCD-9/13/2017 @ 4:05 PM							
Was a Wate	ercourse Rea			1			olume Impac		atercourse				
								EIVEC					
If a Waterco N/A	ourse was II	npacted, Des	scribe Ful	ly.*						0 0		0 0047	
Describe Ca		lem and Ren								-	-	9, 2017	
				ed a leak. The f k was dispatche					olated to st	op the relea	ise. All	fluid was	
Describe Ar	ea Affected	and Cleanu	p Action 7	ſaken.*									
Approximate	ely 10BBLS ed vacuum tr	of Produced vuck. All fluid	Water was	released as a res n the location. A								vered via	
				e is true and comp									
				nd/or file certain i ce of a C-141 rep									
				investigate and i									
				ptance of a C-141	report d	loes not reliev	e the operato	or of respon	sibility for c	ompliance w	ith any c	other	
Tederal, state	, or local lav	vs and/or regu	mations.					ONSER	VATION	DIVISIC	N		
Signature: 7	Uichael R. S	Shoemaker						ONSLIC	n N	M	<u>/1 \</u>		
Printed Nam	e: Michael F	R. Shoemaker				Approved by	Environmen	tal Speciali	st:	4			
Title: Enviro	nmental Pro	fessional				Approval Da	9/29/2		Expiration	Date:			
E-mail Addr	ess: mike.sh	oemaker@dv	n.com			Conditions of	Approval:			Attached			
Date: 09/27	//2017	F	Phone: 575	5-748-3371		see atta	ched dire	ctive					
* Attach Addi													
						1RP-482	<u>ุ</u> ช ท	OY1727	7241068	ρΟ	<u>71727</u>	241260	

Operator/Responsible Party,

The OCD has received the form C-141 you provided on _9/27/2017_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number _1RP-4829_ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District _1_ office in __Hobbs____ on or before _10/29/2017_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

• Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.

• Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.

• Nominal detection limits for field and laboratory analyses must be provided.

• Composite sampling is not generally allowed.

• Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

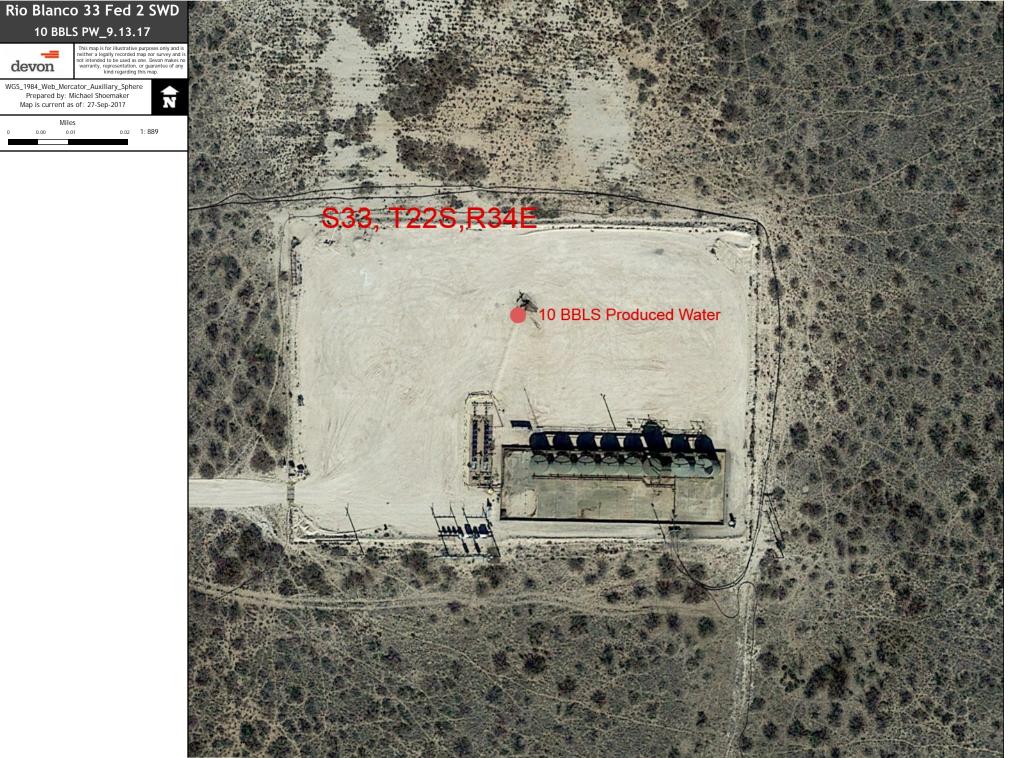
•Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

• If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

• Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us



State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

Page 22 of 142

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Longitude _______

Latitude	
	(NAD 83 in

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		I

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Page 23 of 142

	If VTC for out of manager (a) does the manager it is made and it is the second state of the second state o
Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	
19.15.29.7(A) NMAC?	
Yes No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name:	Title:
Signature: <u>Kendra DeHoyos</u>	Date:
email:	Telephone:
OCD Only Received by: Dylan Rose-Coss	Date:

Page 3

Incident IDnDHR1913638361District RP1RP-5492Facility IDApplication ID

Site Assessment/Characterization

Oil Conservation Division

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

	1
What is the shallowest depth to groundwater beneath the area affected by the release?	$\frac{282}{\text{bgs}}$ (ft
Did this release impact groundwater or surface water?	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant	☐ Yes ⊠ No
watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🔀 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🔀 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used	
by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh	🗌 Yes 🛛 No
water well field?	🗌 Yes 🔀 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
	🗌 Yes 🖂 No
Did the release impact areas not on an exploration, development, production, or storage site?	□ 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.

Characterization Report Checklist: Each of the following items must be included in the report.

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

- Field data
- Data table of soil contaminant concentration data
- \boxtimes Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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: 2/22/2023 2:08 Form C-141 Page 4	B:08 PM State of New Mexico Oil Conservation Division		Incident ID District RP Facility ID Application ID	Page 25 of 142 nDHR1913638361 1RP-5492
regulations all operators are required public health or the environment. The failed to adequately investigate and	given above is true and complete to the best of m I to report and/or file certain release notifications he acceptance of a C-141 report by the OCD does remediate contamination that pose a threat to grou 1 report does not relieve the operator of responsib	and perform cos not relieve the andwater, surfa	prective actions for rele e operator of liability sho ce water, human health	ases which may endanger ould their operations have or the environment. In
Printed Name: <u>Dale Woodall</u>	Title:	Env. Profe	essional	
Signature: Dale Wooda	Date:	02/22/202	3	
email: <u>Dale.Woodall@dvn.co</u>	m Telepl	none: <u>575</u> -	-748-1838	
OCD Only Received by:		Date:		

Oil Conservation Division

Incident ID	nDHR1913638361
District RP	1RP-5492
Facility ID	
Application ID	

Page 26 of 142

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.

<u>Closure Report Attachment Checklist</u> : Each of the following i	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 certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the co accordance with 19.15.29.13 NMAC including notification to the C	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. Title: Env. Professional Date: 02/22/2023
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.
Closure Approved by: <u>Jennifer Nobui</u>	Date: 03/02/2023
Printed Name: Jennifer Nobui	Title:Environmental Specialist A

APPENDIX B WATER WELL DATA

Engineering • Environmental • Surveying



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	(qua					IE 3=SW largest)	,	3 UTM in meters)		(In feet	t)
POD Number	POD Sub- Code basin (County	-	Q C 16 4	-	: Tws	Rng	х	Y	-	-	Water Column
CP 01705 POD1	CP	LE				22S		642588	3580179 🌍	700	305	395
CP 01706 POD1	СР	LE	4 4	12	32	22S	34E	642603	3580185 🌍	340	282	58
CP 01740 POD1	СР	LE	1	11	34	22S	34E	644402	3580765 🌍	600	560	40
CP 01803 POD1	СР	LE	1	11	34	22S	34E	644357	3580786 🌍	240	180	60
CP 01826 POD1	СР	LE	1	11	34	22S	34E	644379	3580778 🌍	698	180	518
CP 01829 POD1	СР	LE	4 4	12	32	22S	34E	642559	3580172 🌍	1410	1150	260
									Average Depth to	Water:	442 f	eet
									Minimum	Depth:	180 f	eet
									Maximum	Depth:	1150 f	eet
Record Count: 6												

Record Count: 6

PLSS Search:

Section(s): 29, 28, 27, 32, Township: 22S 33, 34

Range: 34E

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



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	(quar						IE 3=SW largest)	,	3 UTM in meters)		(In fee	t)
POD Number	POD Sub- Code basin C	ounty		Q 16	-	Sec	Tws	Rng	Х	Y	-	-	Water Column
CP 01502 POD1	CP	LE	4	3	3	05	23S	34E	641316	3577635 🌍	648	200	448
CP 01502 POD2	CP	LE	4	3	3	05	23S	34E	642074	3577676 🌍	680	300	380
CP 01622 POD1	CP	LE	1	3	3	04	23S	34E	642830	3577872 🌍	575	285	290
										Average Depth to	Water:	261	eet
										Minimum	Depth:	200 1	eet
										Maximum	Depth:	300 f	eet
Record Count: 3				-									

PLSS Search:

Section(s): 5, 4, 3

Township: 23S

Range: 34E

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

New Mexico Office of the State Engineer Point of Diversion Summary

						=NE 3=SW t to largest)	4=SE)	(NAD83 1/	(M in meters)	
Vell Tag	POD	Number				ec Tws	Rng	(NAD65 UI	Y	
0D10	CP 0	1705 POE				2 228	-	642588	3580179 🧲)
Driller Lice	ense:	1058	Dril	er Cor	npany:	KEY	''S DRI	LLING & F	PUMP SERVIC	Œ
Driller Nan		KEY, CA								
Drill Start 1	Date:	04/02/20)18 Dril	Finisl	1 Date:	05	/01/201	8 Plu	ig Date:	
og File Da		05/23/20		V Rev					urce:	Shallow
Pump Type	:		Pipe	Disch	arge Siz	e:		Es	timated Yield:	350 GPM
Casing Size	:	8.00	Dep	th Wel	l:	70	0 feet	De	pth Water:	305 feet
	Wata	r Booring	Stratifications		Тор	Bottom	Descr	intion		
	wate	i Dearing	, Strauncations.		270	317		•	/Conglomerate	
					317	375			/Conglomerate	
					375	420	Sands	tone/Gravel	/Conglomerate	
					420	565	Sands	tone/Gravel	/Conglomerate	
					565	590	Sands	tone/Gravel	/Conglomerate	•
					590	700	Sands	tone/Gravel	/Conglomerate	•
		Casi	ing Perforations	:	Тор	Bottom				
					300	700				
	Mete	r Number	r: 18949			Meter M	/lake:	SI	EAMETRICS	
	Mete	r Serial N	umber: 04201	800124	18	Meter M	Iultipli	er: 1.	0000	
	Num	ber of Dia	uls: 8			Meter T	ype:	D	iversion	
	Unit	of Measu	re: Barrel	s 42 ga	1.	Return	Flow P	ercent:		
		e Multipli				Reading	g Frequ	ency: M	onthly	
Meter F	X	gs (in Acr	e-Feet)							
	Date	Year	Mtr Reading	Flag	Rdr	Comme	nt		Mtr	Amount Onli
08/06	5/2019	2019	0	Α	RPT	New Me	eter			0
09/01	/2019	2019	317662	А	RPT					40.945
11/04	/2019	2019	773965	А	RPT					58.814
12/03	/2019	2019	773965	А	RPT					0
02/01	/2020	2020	981451	А	RPT					26.744
03/02	2/2020	2020	1349349	А	RPT					47.420
04/01	/2020	2020	1546290	А	RPT					25.384
	/2020	2020	1546290		RPT					0
	/2020	2020	1546290		RPT					0
	2/2020	2020	1546290		RPT					0
	/2020	2020	1546290		RPT					0
	0/2020	2020	1546290		RPT					0
	/2020	2020	1546290		RPT					0
	/2020 //2021	2020 2020	1546290 1546290		RPT RPT					0 0
	5/2021	2020	1546290	A	RPT					0
	2021	2021	1546290		ad					0
	/2021	2021	1546290		ad					0
	5/2021	2021	1546290		ad					0
	/2021	2021	1546290		ad					0
	/2021	2021	1546290		ad					0
	/2022	2022	1546290	А	ad					0
02/01	/2022	2022	1546290	А	ad					0
03/01	/2022	2022	1546290	А	ad					0
04/01	/2022	2022	1546290	А	ad					0
05/06	5/2022	2022	1546290	А	ad					0
	5/2022	2022	1546290	A	ad					0
10/10)/2022	2022	1546290	А	ad	_				0
**YT	D Me	ter Amou			Amoun					
			2019		99.759)				
					o o -					
			2020 2021		99.548 (3				

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

12/15/22 5:31 PM

POINT OF DIVERSION SUMMARY

STATE SUPPER OFFICE ROSWELL NEW MEXICO

2020 JAN 13 PM 4: 07



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

7	OSE POD NO CP-1706). (WELL NO).)	WELL TAG ID NO.		OSE FILE NO(S).		
TIOI	WELL OWN	ER NAME(S)			PHONE (OPTI	ONAL)		
OCA	1		N PROPERTIES R	ANCH LLC			,		
GENERAL AND WELL LOCATION	WELL OWN 3300 N A		GADDRESS BLDG 1, STE 220			city MIDLAND		state TX 79705	ΖIP
Í	WELL		DE	GREES MINUTES SECO	NDS			· · · · · · · ·	
ALA	LOCATIO			52 20 58	.20 N		REQUIRED: ONE TEN	TH OF A SECOND	
NER	(FROM G	PS) LO	NGITUDE	103 29 4.4	10 w	* DATUM RE	QUIRED: WGS 84		
1. GE	DESCRIPTION SESSENE S			9 STREET ADDRESS AND COMMON LANDN	ARKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	IERE AVAILABLE	
	LICENSE NO).	NAME OF LICENSED	DRILLER			NAME OF WELL DR	ILLING COMPANY	· · · · ·
	WDI	.706		BRYCE WALLACE			ELITE DRI	LLERS CORPORAT	ION
	DRILLING S 01/0		DRILLING ENDED 01/07/20	DEPTH OF COMPLETED WELL (FT) 340	1	le depth (ft) 340	DEPTH WATER FIR	ST ENCOUNTERED (FT) 282	
Z	COMPLETE	D WELL IS:	ARTESIAN	DRY HOLE I SHALLOW (UNC	ONFINED)		STATIC WATER LEV	VEL IN COMPLETED WE 282	LL (FT)
VIIO	DRILLING F	LUD;	AIR	ADDITIVES - SPE	CIFY		L,,		
DRM	DRILLING N	ETHOD:	🔽 ROTARY	HAMMER CABLE TOOL	☐ OTHE	R - SPECIFY:			
INFC	DEPTH	(feet bgl)	BORE HOLE	CASING MATERIAL AND/OR	C/	SING	CASING	CASING WALL	SLOT
2. DRILLING & CASING INFORMATION	FROM	то	DIAM (inches)	GRADE (include each casing string, and note sections of screen)		VECTION YPE ling diameter)	INSIDE DIAM. (inches)	THICKNESS (inches)	SIZE (inches)
& C	0	280	6.75	SDR17 PVC		LINE	4.3	SDR17	
DNI	280	340	6.75	SDR17 PVC	SF	LINE	4.3 SDR17		.032
RILL					1				
2. DI									
	DEPTH	(feet bgl)	BORE HOLE	LIST ANNULAR SEAL MA	TERIAL A	ND	AMOUNT	METHO	D OF
IAL	FROM	ТО	DIAM. (inches)	GRAVEL PACK SIZE-RANG	E BY INTE	RVAL	(cubic feet)	PLACEM	
TER	25	340	6.75	8/16 SILICA SA	ND		54	POU	R
R MA									
UL.AI			-						
ANNULAR MATERIAL							· · · · · ·		
3.7									
FOR	OSE INTER	NAL USE				WR-20	WELL RECORD &	& LOG (Version 04/30)/19)

FILE NO.	CP-1706			POD NO.	TRN NO.	66	3964	
LOCATION	424	T225	<u>R34E</u>	Sec 32	WELL TAG ID NO.	ŇA		PAGE 1 OF 2

•

	DEPTH (FROM	feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATEH BEARIN (YES / N	G? WATER-
	240	295	55	REDISH SANDY CLAY	✓ Y	N 5.00
	295	340	45	TAN SAND	✓ Y	N 50.00
Ę					Y	N
					Y	N
					Y	N
1					Y	N
WEI				· · · · · · · · · · · · · · · · · · ·	Y	N
OF		Ì			Y	N
ð,					Y	N
I DE					Y	N
TOG					Y	N
GEO					Y	N
ROC					Y	N N
HYDROGEOLOGIC LOG OF WELL					Y	N 122 R
4					Y	N S
					Y	N
					Y	NW
					Y	N R S
					Y	N E
				·····	Y	N D SG
					Y	N
	METHOD U	SED TO ES	STIMATE YIELD		OTAL ESTIMAT	
	PUM	>	IR LIFT	BAILER OTHER - SPECIFY:	WELL YIELD (g	pm): 55.00
N	WELL TES	T TEST STAR	RESULTS - ATT T TIME, END TH	ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLU 4E, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER	UDING DISCHAI THE TESTING F	RGE METHOD, PERIOD.
VISION	MISCELLA	VEOUS INF	FORMATION:			
PERV	111100000000000000000000000000000000000		ORMITTOIT.			
SUPER						
RIG						
TEST; RIG	PRINT NAM			VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONST		D THAN I LODNORD.
5. T		E(5) 01 D			KOCIION OTH	ER HIMM EIGENSEE.
			· · · · · · · · · · · · · · · · · · ·			
Бţ	BY SIGNIN	G BELOW,	I CERTIFY TH	AT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREC WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS I	OING IS A TRU	UE AND CORRECT
SIGNATURE	WELL RECO	ORD WILL	ALSO BE FILED	WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLET	FION OF WELL I	DRILLING.
LAN			1		•	
SIG		h	. /	BRYCE WALLACE	01/08/20	20
ف		SIGNAT	URE OF DRILLE	PRINT SIGNEE NAME	DA	TE
	E NO.	NAL USE	2016		RECORD & LOC	G (Version 04/30/2019)
	CATION	<u>9-17</u> 424	206	POD NO.) TRN NO. 6 25 R 34E See 32 WELL TAG ID NO.	<u>6 576 5</u>	
L.00		1 - 1	14	LS KSTE Sel SC WELL TAG ID NO.		PAGE 2 OF 2

APPENDIX C FIELD NOTES AND PHOTOLOG

			MA FI			
LOCATION NAME:	Bevon Ric	Blance	33 Fed 2	_	SAMPLING D	ATE: November 28, 2022
SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
BHOIPO	1020		2.85	19.8		
BHOIRI	1021		4.02	19.9		
BH01@2	1022		1.0	19.9		
BHOIRS	1024		0.77	20.2		
BH01@4	1025		0.60	20.1		
BH01@5	1031		80.0	20.1		
BHODEO	1030		0.16	19.9		
BH02@1	1034		2.94	19.7		-
BHO2@2	1035 10035		420.94	20.00		
BH0203	1037		1.05	20.1		
BH02@4	10:40		0.56	20.00		
BHOZES	1041		0.63	20.0		-
B403@0	1044		0.13	20.1		
BH03@1	1046		0.18	19.9		
BHOZQZ	1048		0.37	20.2		
8403@3	1050		0.86	19.9		
BH03@4	1051		0.69	0.06		
BH03@5	1053		0.26	J. 0C		-
B404@0	1057		0.05	19.9		
BH04@1	1059		0.28	19.9		

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

mositure level: dry, moist, wet

20 rows/sheet

SMA

			FI FI	ELD SCREEN	NG	
LOCATION NAME:	Jevon Rio	Blanco	33 Rd	2	SAMPLING [DATE: November 28,2022
SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
BHOMER	1100		0.21	19.8		
BH04@8	1102		a.18	19.00		
BH04@4	1104		0.22	20.3		
BH04@5	1106		0-11	20.06		
BH05@0	11(4		0.12	20.1		
BHOS@1	1117		0.93	19.9		
8405@2	1118		0.14	19.7		
BH0503	1120		0.24	20.2		-
BH05@4	1122		0.21	200.1		
BHOS@5	1123		0.10	20.2		
840600	1128		80.0	20.0		
BHOGEN	11300		0.64	20.0		
BHOG @2	1132		0.18	20.1		
BHOGOS	1134		0.17	20.2		
BH06@3.5	1137		0.13	20.1		
BHOTEO	1139		0.024	200.1		
BHOR	1141		0.10	30.2		
BHOREZ	1143		0.13	19.7		
B407@3	1146		0.15	19.9		
BHORQY	1147		0.21	19.7		

FIELD SCREENING

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

Page 35 of 142

		ΛSI	MA FI	ELD SCREEN	NG	
OCATION NAME:	Devon Kio	Blanco	33 Rel 2		SAMPLING D	ATE: November 23,2022
SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION
BHO7@5	1149		01.0	19.9		
BH0300	1154		0.05	20.0		
BHOBQI	1156		0.12	19.9		
B403@2	1157		0.20	19.7		
6408 63	1159		0.45	20.1		
BHOSQ4	1201		6.43	19.9		
BHOSOS	1203		0.36	20.0		
BHOGOO	1332		0.04	19.3		
BHOGQI	1334		0.17	19.8		
BH0902	1335		0.18	20.4		
BHO9 @3	1337		0.15	20.3		
Bttog@4	1338		0.10	20.2		×
BH09@5	1339		0.09	20-1		
BHIOGO	1341		00.00	19.9		
BHIOCI	1347		80.0	20.6		
BH10@2	1349		0.10	20.(
BHIOO3	1351		0.14	20.1		
BH10@4	1352		0.10	19.8		
BH10 Q4.5	1354		Q.13	20.0		

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

				V	ELD SCREEN	NG		
	LOCATION NAME:	MJ Blan	co Fed	SAMPLING DATE: December 6,2022				
	SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag	NOTES/REMARKS/SOIL DESCRIPTION	
	BH11@0	1110		0.12	13.4			
	BH11@1	1111		0.43	19.3			
	BHILDS	1112		0.16	18.1			
	BHILD3	1113		0.14	18.3			
	BHILQY	1114		80.0	18.4			
	BH11@4.5	1116		0.18	18-4			
	\sim	\sim		\sim			Accumper 7,2022	
1	BH12@0	1148		0.38	18.9			
	BH12@1	1150		1.40	19.2			
	BH12@2	1151		0.43	19.00			
1	BH12 @3	1152		0.51	19.0			
	BH12@4	1153		0.39	18.9			
1	B#12@5	1155		0.28	8.8			
	8413@0	1157		0.09	18.9			
¢	3413@1	1158		0.25	18.9			
	BH13@2	1159	+	0.26	18.9			
	341303	1200		0.34	18.9			
(BHBQ4	1201		0.30	19.0			
	BH13@5	1203		0.40	19.9			

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

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	SMA FIELD SCREENING											
	LOCATION NAME:		10 Blanc	0 33 F	iel 2	SAMPLING DATE: December 7,2022						
	SAMPLE NAME	Collection Time	PID Reading	EC (mS)	Temp (°C)	PetroFlag						
•	BH14@0	1205		0.06	19.00							
	BH14@1	1200		0.33	19.00							
	BH14@2	1207		0.45	18.9							
0	BH14@3	12.08		0.31	18.9							
	BH14@ 40	1209 MD100		0.33	18.9							
•	BH1404.5	1210		0.54	18.9							

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

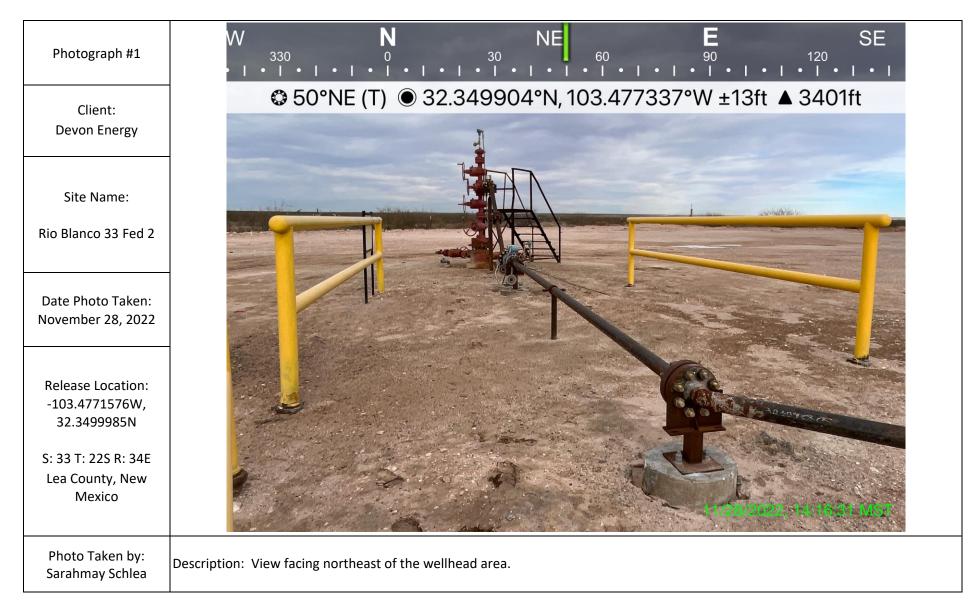
soil type: gravel, rock, sand, silty, clay

mositure level: dry, moist, wet

20 rows/sheet

Photograph Log Rio Blanco 33 Fed 2 Devon Energy Production Company

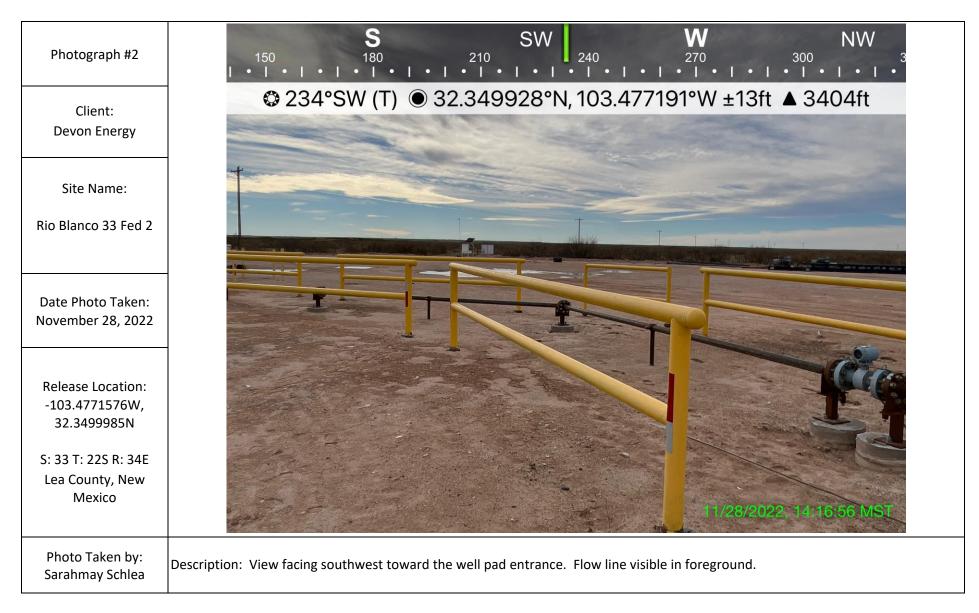




Page 39 of 142

Photograph Log Rio Blanco 33 Fed 2 Devon Energy Production Company





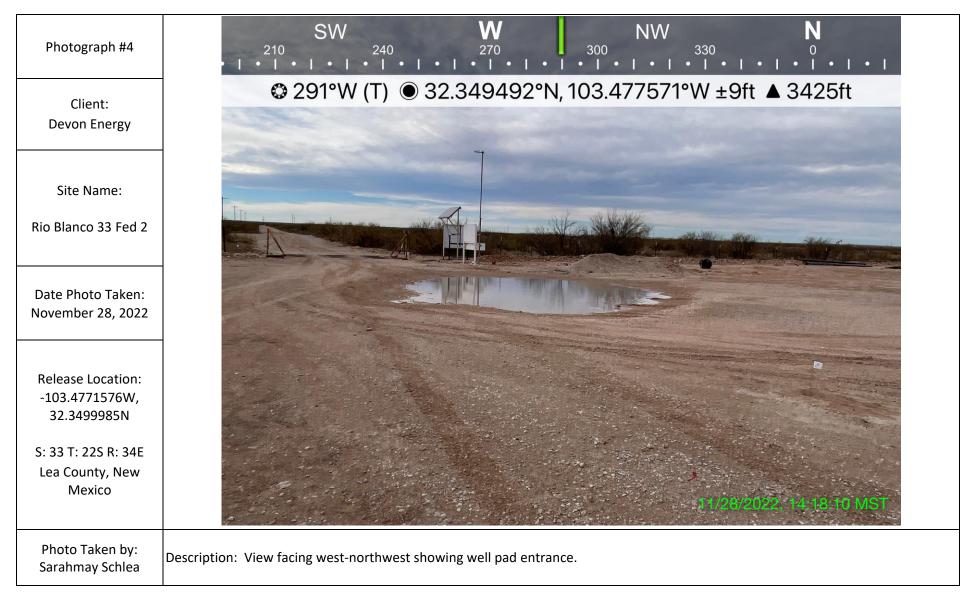
Photograph Log Rio Blanco 33 Fed 2 Devon Energy Production Company



Photograph #3	S 210 W W 240 270 • I • I • I • I • I • I • I • I • I • I
Client: Devon Energy	
Site Name: Rio Blanco 33 Fed 2	
Date Photo Taken: November 28, 2022	
Release Location: -103.4771576W, 32.3499985N S: 33 T: 22S R: 34E Lea County, New	
Mexico Photo Taken by: Sarahmay Schlea	11/26/2022 14:17:07 MST Description: View facing southwest toward well pad entrance.

Photograph Log Rio Blanco 33 Fed 2 Devon Energy Production Company





Photograph Log Rio Blanco 33 Fed 2 Devon Energy Production Company



Page 43 of 142



APPENDIX D SAMPLING PROTOCOL



Sampling Protocol

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

Sampling Analysis Field Quality Assurance Procedures

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

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

APPENDIX E

LABORATORY ANALYTICAL REPORTS





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:

Rio Blanco 33 Fed 2

Work Order: E211172

Job Number: 01058-0007

Received: 11/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/5/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 12/5/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Rio Blanco 33 Fed 2 Workorder: E211172 Date Received: 11/30/2022 11:00:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/30/2022 11:00:00AM, under the Project Name: Rio Blanco 33 Fed 2.

The analytical test results summarized in this report with the Project Name: Rio Blanco 33 Fed 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

Field Offices:

Southern New Mexico Area Lynn Jarboe

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

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BH01 @ 0	6
BH04 @ 5	7
BH02 @ 3	8
BH04 @ 3	9
BH10 @ 2	10
BH08 @ 4	11
BH07 @ 2	12
BH06 @ 1	13
BH05 @ 3	14
BH06 @ 0	15
BH09 @ 5	16
BH10 @ 4.5	17
BH05 @ 1	18
BH01 @ 3	19
BH03 @ 3	20
BH07@0	21
BH01 @ 5	22
BH02 @ 1	23
BH06 @ 2	24
BH01 @ 1	25

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Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

		Sample Sum	mary		
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	Rio Blanco 33 Fed 01058-0007 Heather Woods	2	Reported: 12/05/22 10:55
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H01 @ 0	E211172-01A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H04 @ 5	E211172-02A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H02 @ 3	E211172-03A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H04 @ 3	E211172-04A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H10 @ 2	E211172-05A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H08 @ 4	E211172-06A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H07 @ 2	E211172-07A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H06 @ 1	E211172-08A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H05 @ 3	E211172-09A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H06 @ 0	E211172-10A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
Н09 @ 5	E211172-11A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H10 @ 4.5	E211172-12A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H05 @ 1	E211172-13A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H01 @ 3	E211172-14A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H03 @ 3	E211172-15A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H07 @ 0	E211172-16A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H01 @ 5	E211172-17A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H02 @ 1	E211172-18A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H06 @ 2	E211172-19A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H01 @ 1	E211172-20A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.



Carlsbad NM, 88220 Project Manager: Heather Woods 12/5/202 1 BH01 @ 0 E211172-01 Analyte Reporting Reporting Reporting Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: SL Batch: 224' Benzene ND 0.0250 1 11/30/22 12/01/22 Ethylbenzene ND 0.0250 1 11/30/22 12/01/22 o-Xylene ND 0.0250 1 11/30/22 12/01/22 Surrogate: 4-Bromochlorobenzene-PID 95.4 % 70-130 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22		K.	ampic D	ala			
E211172-01 Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Valatile Organics by EPA 8021B mg/kg mg/kg Analyst: SL Batch: 2244 Benzene ND 0.0250 1 11/30/22 12/01/22 Sthylbenzene ND 0.0250 1 11/30/22 12/01/22 Foluene ND 0.0250 1 11/30/22 12/01/22 Systeme ND 0.02.0 1 11/30/22	201 S Halagueno St.	Project Num	ber: 010:	01058-0007			Reported: 12/5/2022 10:55:30AM
Analyte Result Limit Dilution Prepared Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: SL Batch: 224' Benzene ND 0.0250 1 11/30/22 12/01/22 Ethylbonzene ND 0.0250 1 11/30/22 12/01/22 Foluene ND 0.0250 1 11/30/22 12/01/22 >Xylene ND 0.0250 1 11/30/22 12/01/22 >xylene ND 0.0250 1 11/30/22 12/01/22 ym-Xylene ND 0.0250 1 11/30/22 12/01/22 Surrogate: 4-Bromochlorobenzene-PID 95.4 % 70-130 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 95.4 % 70-130 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nohalogenated Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22			BH01 @ 0				
Analyte Result Limit Dilution Prepared Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: SL Batch: 2249 Benzene ND 0.0250 1 11/30/22 12/01/22 Ethylbenzene ND 0.0250 1 11/30/22 12/01/22 Followene ND 0.0250 1 11/30/22 12/01/22 o-Xylene ND 0.0250 1 11/30/22 12/01/22 o-Xylene ND 0.0250 1 11/30/22 12/01/22 o-Xylene ND 0.0250 1 11/30/22 12/01/22 Surrogate: 4-Bromochlorobenzene-PID 95.4 % 70-130 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22			E211172-01				
Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: SL Batch: 224' Benzene ND 0.0250 1 11/30/22 12/01/22 Ethylbenzene ND 0.0250 1 11/30/22 12/01/22 Toluene ND 0.0250 1 11/30/22 12/01/22 o-Xylene ND 0.0250 1 11/30/22 12/01/22 o-Xylene ND 0.0250 1 11/30/22 12/01/22 o-Xylene ND 0.0250 1 11/30/22 12/01/22 o-Maxylenes ND 0.0250 1 11/30/22 12/01/22 Surrogate: 4-Bromochlorobenzene-PID 95.4 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 224' Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Diesel Range O			Reporting				
Number of games by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Source are reserved and organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 ND 0.0250 1 11/30/22 12/01/22 12/01/22 Surrogate: 1-Bromochlorobenzene-FID ND 0.0250 1 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Surrogate: n-Nonane 106 % 50-200 1 12/01/22 12/01/22 Surrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 12/01/22	Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
ND 0.0250 1 11/30/22 12/01/22 Ethylbenzene ND 0.0250 1 11/30/22 12/01/22 Foluene ND 0.0250 1 11/30/22 12/01/22 >-Xylene ND 0.0250 1 11/30/22 12/01/22 opm-Xylene ND 0.0250 1 11/30/22 12/01/22 fotal Xylenes ND 0.0250 1 11/30/22 12/01/22 fotal Xylenes ND 0.0250 1 11/30/22 12/01/22 fotal Xylenes ND 0.0250 1 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dial Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22	Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2249039
Any bench field ND 0.0250 1 11/30/22 12/01/22 Foluene ND 0.0250 1 11/30/22 12/01/22 p.m-Xylene ND 0.0250 1 11/30/22 12/01/22 p.m-Xylene ND 0.0250 1 11/30/22 12/01/22 fotal Xylenes ND 0.0250 1 11/30/22 12/01/22 Surrogate: 4-Bromochlorobenzene-PID 95.4 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Noisel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dial Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Surrogate: n-Nonane 106 % 50-200	Benzene	ND	0.0250	1	11/30/22	12/01/22	
ND 0.0250 1 11/30/22 12/01/22 p.m-Xylene ND 0.0250 1 11/30/22 12/01/22 Fotal Xylenes ND 0.0250 1 11/30/22 12/01/22 Cotal Xylenes ND 0.0250 1 11/30/22 12/01/22 Wonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Wonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Sciesel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22	Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Pry Ref NB 0.0250 1 11/30/22 12/01/22 Solal Xylenes ND 0.0500 1 11/30/22 12/01/22 Worngate: 4-Bromochlorobenzene-PID 95.4 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Wonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: SL Batch: 2249 Wonhalogenated Organics (C10-C28) 55.5 25.0 1 11/30/22 12/01/22 Viewel Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Warrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 12/01/22 Mations by EPA 300.0/9056A mg/kg mg/kg Malyst: RAS Batch: 2249	oluene	ND	0.0250	1	11/30/22	12/01/22	
ND 0.0250 1 11/30/22 12/01/22 Wrogate: 4-Bromochlorobenzene-PID 95.4 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Wonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C10-C28) 55.5 25.0 1 11/30/22 12/01/22 Diesel Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Wrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 12/01/22 Maions by EPA 300.0/9056A mg/kg mg/kg mg/kg Mg/kg Analyst: RAS Batch: 2249	-Xylene	ND	0.0250	1	11/30/22	12/01/22	
Non-balogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Gurrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Object 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Diesel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dial Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Dial Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Dial Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Marinos by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2249	,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: SL Batch: 2249 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 <i>hurrogate: 1-Chloro-4-fluorobenzene-FID</i> 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Obiesel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Oil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Wrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 12/01/22 Anions by EPA 300.0/9056A mg/kg mg/kg mg/kg Analyst: RAS Batch: 2249	Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Gasoline Range Organics (C6-C10) ND 20.0 1 11/30/22 12/01/22 Starogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Diesel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Wrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 Anions by EPA 300.0/9056A mg/kg mg/kg Mg/kg Analyst: RAS Batch: 2249	urrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	11/30/22	12/01/22	
Sourrogate: 1-Chloro-4-fluorobenzene-FID 92.3 % 70-130 11/30/22 12/01/22 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Diesel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Currogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 Anions by EPA 300.0/9056A mg/kg mg/kg Malyst: RAS Batch: 2249	Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2249039
Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL Batch: 2249 Diesel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 hurrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2249	Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Diesel Range Organics (C10-C28) 55.5 25.0 1 12/01/22 12/01/22 Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 Diurrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2249	urrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/30/22	12/01/22	
Dil Range Organics (C28-C36) 75.1 50.0 1 12/01/22 12/01/22 urrogate: n-Nonane 106 % 50-200 12/01/22 12/01/22 Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2249	Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2249048
Nr Kange Organies (C23CC30) Non Out Out<	Diesel Range Organics (C10-C28)	55.5	25.0	1	12/01/22	12/01/22	
Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2249	Dil Range Organics (C28-C36)	75.1	50.0	1	12/01/22	12/01/22	
	urrogate: n-Nonane		106 %	50-200	12/01/22	12/01/22	
Theorem 3700 40.0 2 $11/30/22$ $11/30/22$	Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2249041
	Chloride	3700	40.0	2	11/30/22	11/30/22	

Sample Data



Sample Data

	50	imple D	ala			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fe	ed 2		
201 S Halagueno St.	Project Numbe	er: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manage	er: Hea	ther Woods			12/5/2022 10:55:30AM
	-	BH04 @ 5				
		E211172-02				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
o-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		107 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2249041
Chloride	22.6	20.0	1	11/30/22	11/30/22	



Sample Data

	5	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fe	ed 2		
201 S Halagueno St.	Project Numbe	er: 010:	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 10:55:30AM
		BH02 @ 3				
		E211172-03				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
o-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		107 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: RAS		Batch: 2249041
Chloride	1520	20.0	1	11/30/22	11/30/22	



Sample Data

	D	ample D	ata			
Souder Miller Associates - Carlsbad	Project Name	: Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numb	er: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 10:55:30AM
		BH04 @ 3				
		E211172-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Foluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		110 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2249041
Chloride	115	20.0	1	11/30/22	11/30/22	



Sample Data

	3	ample D	ลเล			
Souder Miller Associates - Carlsbad	Project Name:	: Rio	Blanco 33 Fed 2	2		
201 S Halagueno St.	Project Numb	er: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 10:55:30AM
		BH10 @ 2				
		E211172-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
o-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		105 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2249041
Chloride	25.4	20.0	1	11/30/22	11/30/22	



Sample Data

Project Name		Blanco 33	Fed 2			
5			Reported:			
Project Manag	ger: Heat	ther Wood	s			12/5/2022 10:55:30AM
	BH08 @ 4					
	E211172-06					
	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	SL		Batch: 2249039
ND	0.0250		1	11/30/22	12/01/22	
ND	0.0250		1	11/30/22	12/01/22	
ND	0.0250		1	11/30/22	12/01/22	
ND	0.0250		1	11/30/22	12/01/22	
ND	0.0500		1	11/30/22	12/01/22	
ND	0.0250		1	11/30/22	12/01/22	
	95.1 %	70-130		11/30/22	12/01/22	
mg/kg	mg/kg		Analyst:	SL		Batch: 2249039
ND	20.0		1	11/30/22	12/01/22	
	98.6 %	70-130		11/30/22	12/01/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2249048
ND	25.0		1	12/01/22	12/01/22	
ND	50.0		1	12/01/22	12/01/22	
	104 %	50-200		12/01/22	12/01/22	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2249041
472	20.0		1	11/30/22	11/30/22	
	Result mg/kg ND ND ND ND ND ND ND ND ND MD MD MD MD MD MD MD MD MD MD MD MD MD	roject Number: 0102 roject Manager: Hea BH08 @ 4 E211172-06 Reporting Result Limit mg/kg mg/kg ND 0.0250 ND 0.025	roject Number: 01058-0007 roject Manager: Heather Wood BH08 @ 4 E211172-06 Reporting Result Limit Di mg/kg mg/kg M ND 0.0250 ND MD 0.0250 ND MD 0.0250 ND MD 0.0250 ND MD 20.0 98.6 % 70-130 mg/kg mg/kg ND 25.0 ND ND 50.0 104 % 50-200 mg/kg mg/kg	Troject Number: 01058-0007 Heather Woods BH08 @ 4 E211172-06 Reporting Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 MD 20.0 1 MD 20.0 1 MD 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.200 1 Mg/kg M	Troject Number: 01058-0007 roject Manager: Heather Woods BH08 @ 4 E211172-06 Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 11/30/22 ND 20.0 1 11/30/22 mg/kg mg/kg Mg/kg Analyst: JL ND 25.0 1 11/30/22 ND 25.0 1 12/01/22 ND 25.0 1 1/201/22 ND 50.0 1 1/201/	Number: 01058-0007 roject Number: Heather Woods BH08 @ 4 E211172-06 Reporting Reporting Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 11/30/22 12/01/22 MD 20.0 1 11/30/22 12/01/22 mg/kg mg/kg Analyst: JL ND 25.0 1 11/30/22 12/01/22 ND 25.0 1 12/01/22 12/01/22 12/01/22 12/01/22 <t< td=""></t<>



Sample Data

	3	ample D	ลเล				
Souder Miller Associates - Carlsbad	Project Name	: Rio	Blanco 33 Fed	12			
201 S Halagueno St.	Project Numb	oer: 0103	58-0007	Reported:			
Carlsbad NM, 88220	Project Manager: Heather Woods						
		BH07 @ 2					
		E211172-07					
		Reporting					
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2249039	
Benzene	ND	0.0250	1	11/30/22	12/01/22		
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22		
Toluene	ND	0.0250	1	11/30/22	12/01/22		
p-Xylene	ND	0.0250	1	11/30/22	12/01/22		
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22		
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22		
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	11/30/22	12/01/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2249039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	11/30/22	12/01/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2249048	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22		
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22		
Surrogate: n-Nonane		106 %	50-200	12/01/22	12/01/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2249041	
Chloride	ND	20.0	1	11/30/22	11/30/22		



Sample Data

	5	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name	e: Rio	Blanco 33 Fed	2		
201 S Halagueno St.	Project Numb	ber: 010	58-0007	Reported:		
Carlsbad NM, 88220	Project Mana	ger: Hea	ther Woods			12/5/2022 10:55:30AM
		BH06 @ 1				
		E211172-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		108 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2249041
Chloride	542	20.0	1	11/30/22	11/30/22	



Sample Data

	56	ample D	ลเล				
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 F	Fed 2			
201 S Halagueno St.	Project Numbe	er: 0105	58-0007		Reported:		
Carlsbad NM, 88220	Project Manag	er: Heat	ther Woods				12/5/2022 10:55:30AM
		BH05 @ 3					
		E211172-09					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	I	Analyst: SL			Batch: 2249039
Benzene	ND	0.0250	1		11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1		11/30/22	12/01/22	
Toluene	ND	0.0250	1		11/30/22	12/01/22	
o-Xylene	ND	0.0250	1		11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1		11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1		11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: SL			Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL			Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1		12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1		12/01/22	12/02/22	
Surrogate: n-Nonane		110 %	50-200		12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: RA	\S		Batch: 2249041
Chloride	168	20.0	1		11/30/22	11/30/22	



Sample Data

	25	ample D	ลเล			
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Numbe		Blanco 33 Fed 2 58-0007	2		Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 10:55:30AM
		BH06 @ 0				
		E211172-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
o-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		99.2 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2249041
Chloride	ND	20.0	1	11/30/22	11/30/22	



Sample Data

	29	imple D	ata			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numbe	r: 010:	58-0007		Reported:	
Carlsbad NM, 88220	Project Manage	er: Hea	ther Woods			12/5/2022 10:55:30AM
]	BH09 @ 5				
		E211172-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		105 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2249041
Chloride	ND	20.0	1	11/30/22	11/30/22	

Sample Data

	Da	ample D	ata			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numbe	er: 0105	58-0007	Reported:		
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 10:55:30AM
	F	BH10 @ 4.5				
		E211172-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
urrogate: n-Nonane		103 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2249041
Chloride	25.5	20.0	1	11/30/22	11/30/22	



Sample Data

	29	imple D	ลเล			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numbe	r: 010:	58-0007			Reported:
Carlsbad NM, 88220	Project Manage	er: Hea	ther Woods			12/5/2022 10:55:30AM
]	BH05 @ 1				
]	E211172-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
p,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		115 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2249041
Chloride	628	20.0	1	11/30/22	12/01/22	



Sample Data

	5	ample D	ata			
Souder Miller Associates - Carlsbad	Project Name:	: Rio	Blanco 33 Fed	2		
201 S Halagueno St.	Project Numb	er: 0103	58-0007	Reported:		
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 10:55:30AM
		BH01 @ 3				
		E211172-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		118 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2249041
Chloride	731	20.0	1	11/30/22	12/01/22	



Sample Data

29	imple D	ata			
Project Name:	Rio	Blanco 33 Fed	2		
Project Numbe	r: 0103	58-0007		Reported:	
Project Manage	er: Hea	ther Woods			12/5/2022 10:55:30AM
]	BH03 @ 3				
]	E211172-15				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2249039
ND	0.0250	1	11/30/22	12/01/22	
ND	0.0250	1	11/30/22	12/01/22	
ND	0.0250	1	11/30/22	12/01/22	
ND	0.0250	1	11/30/22	12/01/22	
ND	0.0500	1	11/30/22	12/01/22	
ND	0.0250	1	11/30/22	12/01/22	
	94.3 %	70-130	11/30/22	12/01/22	
mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2249039
ND	20.0	1	11/30/22	12/01/22	
	97.9 %	70-130	11/30/22	12/01/22	
mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2249048
ND	25.0	1	12/01/22	12/02/22	
ND	50.0	1	12/01/22	12/02/22	
	106 %	50-200	12/01/22	12/02/22	
mg/kg	mg/kg	Ana	llyst: RAS		Batch: 2249041
	00				
-	Project Name: Project Numbe Project Manage Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name: Rio Project Number: 0105 Project Manager: Heat BH03 @ 3 E211172-15 BH03 @ 3 E211172-15 Result Limit mg/kg mg/kg MD 0.0250 ND 20.0 mg/kg mg/kg Mg/kg Mg/kg ND 25.0 ND 50.0	Project Number: 01058-0007 Project Manager: Heather Woods BH03 @ 3 E211172-15 E211172-15 Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 MD 0.0250 1 MD 20.0 1 Mg/kg mg/kg Ana ND 20.0 1 MD 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0	I Rio Blanco 33 Fed 2 Project Number: 01058-0007 Project Manager: Heather Woods BH03 @ 3 Result Dilution Prepared mg/kg mg/kg Analyst: SL I1/30/22 ND 0.0250 1 11/30/22 ND 0.0250 1 11/30/22 ND 0.0250 1 11/30/22 ND 20.0 1 1/30/22 MD 20.0 1 1/30/22 MD 20.0 1 1/30/22 MD 20.0 1 1/30/22 MD 20.0 1 1/30/22 <	Image: Rio Blanco 33 Fed 2 Project Number: 01058-0007 Project Manager: Heather Woods BH03 @ 3 BH03 @ 3 E211172-15 Terpiect Manager: Heather Woods BH03 @ 3 E211172-15 Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyset 12/01/22 ND 0.0250 1 11/30/22 12/01/22 ND 20.0 1 1/30/22 12/01/22 MD 20.0 1 1/30/22 12/01/22 MD 20.0 1 1/30/22 12/01/22



Sample Data

	5	ample D	ลเล			
Souder Miller Associates - Carlsbad 201 S Halagueno St.	Project Name: Project Numbe		Blanco 33 Fed 2 58-0007	2		Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 10:55:30AM
		BH07 @ 0				
		E211172-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		95.9 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2249041
Chloride	ND	20.0	1	11/30/22	12/01/22	



Sample Data

	50	imple D	ala				
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 F	Fed 2			
201 S Halagueno St.	Project Numbe	er: 0105	58-0007		Reported:		
Carlsbad NM, 88220	Project Manage	er: Heat	ther Woods				12/5/2022 10:55:30AM
	-	BH01 @ 5					
		E211172-17					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2249039
Benzene	ND	0.0250	1		11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1		11/30/22	12/01/22	
oluene	ND	0.0250	1		11/30/22	12/01/22	
-Xylene	ND	0.0250	1		11/30/22	12/01/22	
,m-Xylene	ND	0.0500	1		11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1		11/30/22	12/01/22	
urrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: SL			Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/30/22	12/01/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL			Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1		12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1		12/01/22	12/02/22	
urrogate: n-Nonane		104 %	50-200		12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: RA	S		Batch: 2249041
Chloride	315	20.0	1		11/30/22	12/01/22	



Sample Data

	50	imple D	ala			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fe	d 2		
201 S Halagueno St.	Project Numbe	er: 0105	58-0007			Reported:
Carlsbad NM, 88220	Project Manager:		ther Woods			12/5/2022 10:55:30AM
	-	BH02 @ 1				
	-	E211172-18				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: SL		Batch: 2249039
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
oluene	ND	0.0250	1	11/30/22	12/01/22	
-Xylene	ND	0.0250	1	11/30/22	12/01/22	
,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
urrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		99.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
urrogate: n-Nonane		104 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2249041
Chloride	3750	20.0	1	11/30/22	12/01/22	



Sample Data

	Di	ample D	ala				
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 F	Fed 2			
201 S Halagueno St.	Project Numbe	er: 0105	01058-0007				Reported:
Carlsbad NM, 88220	Project Manager:		ther Woods		12/5/2022 10:55:30AM		
		BH06 @ 2					
		E211172-19					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1	Analyst: SL			Batch: 2249039
Benzene	ND	0.0250	1		11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1		11/30/22	12/01/22	
Toluene	ND	0.0250	1		11/30/22	12/01/22	
-Xylene	ND	0.0250	1		11/30/22	12/01/22	
,m-Xylene	ND	0.0500	1		11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1		11/30/22	12/01/22	
urrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Sl	L		Batch: 2249039
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/30/22	12/01/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JI	-		Batch: 2249048
Diesel Range Organics (C10-C28)	ND	25.0	1		12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1		12/01/22	12/02/22	
urrogate: n-Nonane		110 %	50-200		12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2249041
Chloride	63.4	20.0	1		11/30/22	12/01/22	



Sample Data

	26	imple D	ala					
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2					
201 S Halagueno St.	Project Numbe	r: 010:	58-0007			Reported:		
Carlsbad NM, 88220	Project Manage	er: Hea	ther Woods		12/5/2022 10:55:30AM			
]	BH01 @ 1						
]	E211172-20						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2249039		
Benzene	ND	0.0250	1	11/30/22	12/01/22			
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22			
Toluene	ND	0.0250	1	11/30/22	12/01/22			
p-Xylene	ND	0.0250	1	11/30/22	12/01/22			
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22			
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22			
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	11/30/22	12/01/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2249039		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	11/30/22	12/01/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2249048		
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22			
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22			
Surrogate: n-Nonane		109 %	50-200	12/01/22	12/02/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2249041		
Chloride	4550	40.0	2	11/30/22	12/01/22			

QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	01	io Blanco 33 I 1058-0007 eather Woods	Fed 2				Reported: 12/5/2022 10:55:30AM
	Volatile Organics by EPA 8021B							Analyst: SL	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2249039-BLK1)							Prepared: 1	1/30/22 A	nalyzed: 11/30/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
o-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.7	70-130			
LCS (2249039-BS1)							Prepared: 1	1/30/22 A	nalyzed: 11/30/22
Benzene	4.53	0.0250	5.00		90.7	70-130			
Ethylbenzene	4.89	0.0250	5.00		97.8	70-130			
Toluene	4.90	0.0250	5.00		98.1	70-130			
o-Xylene	5.04	0.0250	5.00		101	70-130			
o,m-Xylene	9.92	0.0500	10.0		99.2	70-130			
Total Xylenes	15.0	0.0250	15.0		99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			
Matrix Spike (2249039-MS1)				Source:	E211172-0)1	Prepared: 1	1/30/22 A	nalyzed: 12/01/22
Benzene	3.91	0.0250	5.00	ND	78.2	54-133			
Ethylbenzene	4.17	0.0250	5.00	ND	83.4	61-133			
Foluene	4.21	0.0250	5.00	ND	84.2	61-130			
o-Xylene	4.28	0.0250	5.00	ND	85.6	63-131			
,m-Xylene	8.48	0.0500	10.0	ND	84.8	63-131			
Total Xylenes	12.8	0.0250	15.0	ND	85.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			
Matrix Spike Dup (2249039-MSD1)				Source:	E211172-()1	Prepared: 1	1/30/22 A	nalyzed: 12/01/22
Benzene	3.77	0.0250	5.00	ND	75.4	54-133	3.69	20	
Ethylbenzene	4.02	0.0250	5.00	ND	80.4	61-133	3.61	20	
Toluene	4.04	0.0250	5.00	ND	80.7	61-130	4.22	20	
o-Xylene	4.12	0.0250	5.00	ND	82.4	63-131	3.80	20	
	0.10	0.0500	10.0	ND	81.8	63-131	3.53	20	
o,m-Xylene	8.18	0.0500	10.0	ND	01.0	05-151	5.55	20	



QC Summary Data

		QC D	u 111 111	ary Data	u				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(Rio Blanco 33 F 01058-0007 Heather Woods	Fed 2				Reported: 12/5/2022 10:55:30AM
Cansuau INNI, 86220	No	onhalogenated O			15D - GI	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Anaryst. 5E
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2249039-BLK1)							Prepared:	11/30/22	Analyzed: 11/30/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			
LCS (2249039-BS2)							Prepared:	11/30/22	Analyzed: 12/01/22
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			
Matrix Spike (2249039-MS2)				Source:	E211172-()1	Prepared:	11/30/22	Analyzed: 12/01/22
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			
Matrix Spike Dup (2249039-MSD2)				Source:	E211172-()1	Prepared:	11/30/22	Analyzed: 12/01/22
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130	5.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

QC Summary Data

		QC D	u1111110	ary Data	4				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	0	tio Blanco 33 F 1058-0007 Ieather Woods	ed 2				Reported: 12/5/2022 10:55:30AM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2249048-BLK1)							Prepared: 1	2/01/22 A	Analyzed: 12/01/22
Diesel Range Organics (C10-C28)	ND	25.0					-		·
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	50-200			
LCS (2249048-BS1)							Prepared: 1	2/01/22 A	Analyzed: 12/01/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			
Matrix Spike (2249048-MS1)				Source:	E211172-	05	Prepared: 1	2/01/22 A	Analyzed: 12/01/22
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			
Matrix Spike Dup (2249048-MSD1)				Source:	E211172-	05	Prepared: 1	2/01/22 A	Analyzed: 12/01/22
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132	0.131	20	
Surrogate: n-Nonane	51.4		50.0		103	50-200			



QC Summary Data

		QU N								
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(Rio Blanco 33 I 01058-0007 Heather Woods	Fed 2				Report 12/5/2022 10:	
		Anions	by EPA	300.0/9056	1				Analyst: RA	AS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %		tes
Blank (2249041-BLK1)							Prepared:	11/30/22	Analyzed: 11/3	30/22
Chloride	ND	20.0								
LCS (2249041-BS1)							Prepared:	11/30/22	Analyzed: 11/3	30/22
Chloride	275	20.0	250		110	90-110				
Matrix Spike (2249041-MS1)				Source:	E211172-0	1	Prepared:	11/30/22	Analyzed: 11/3	30/22
Chloride	3540	40.0	250	3700	NR	80-120			М	2
Matrix Spike Dup (2249041-MSD1)				Source:	E211172-0	1	Prepared:	11/30/22	Analyzed: 11/3	30/22
Chloride	3800	40.0	250	3700	36.5	80-120	6.94	20	М	2

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.



	Deminions		
Souder Miller Associates - Carlsbad	Project Name:	Rio Blanco 33 Fed 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	12/05/22 10:55

M2 Matrix spike recovery was outside quality control limits. 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

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

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



Project Information	Page of
Chair	of Custody
Project Information	Lab Use Only TAT EPA Program
Bill TO	
Client: Salder Muller Figure Attention: Dewon Project: Rib Branker Woods Address:	PEZII172 01058-0007 State
Project Manager: Httl: Project Manager: City, State, Zip	Analysis and Method State NM CO UT AZ
Address: 201 D. Address: 201 Phone:	
City, State, Zip CONSPARED INTEGERS Email: Phone: Email:	
	Image: second control by 8 Recyclose of the second control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image: second control by 8 Recond control by 8 Image:
Report due by:	Interview Interview <t< td=""></t<>
Sampled Sampled Matrix Containers Softpierio	
11/28 1020 S 1 BHOIQO	2 X
11/28/106 S 1 BH04@5	3
11/28/1037 5 1 BHOZ@3	
128 1102 S 1 BHOY @3	
11/28/1349 S 1 BH10@ 2	5
100 201 3 0 0 0 0 7	
120 1140	8
11/28 1130 5 1 BHOG@1	9
11/28/1120 > 1 13HOS(0)	10
11/28 1128 5 1 BHOLEWO	Sular Constant has Boodman
Additional Instructions: Office Sempler's attest to the validity and authenticity of this sample. I am avere that tampering with or intentionally mislabelling to (field sempler's attest to the validity and authenticity of this sampled by:	A A A A A A A A A A A A A A A A A A A
found and may be provide the second	Date Time Lab Use Only
a service of hy (Signature)	yula 11-29-22 0900 Received on ice: (V/ N
A COLOR TIME Received by Signature	Date JII 30/22 Time T1 T2 T3
	Date Time //
Reinquished by: (Signature) Date Time Received by: (Signature)	AVG Temp °C
	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA mples will be returned to client or disposed of at the client expense. The report for the analysis of the shove samples is appli- unt paid for on the report
Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Onici	mples will be returned to client or disposed of at the order of parts. unt pad for on the report
ony to those samples received by	
envirotech	

Page 77 of 142

Released Project Information		Chain of C	ustody						50	λ	Page 2 of	-4-
8	. 10	Bill To		1		Lab	Use Or		TA		EPA Program	-
Client: Suder Mulley	FASOCIATES	Attention: Devon		Lab \	N0#	-7	Job	Number	10	3D RCRA		1
Client: DUCER Miller Project: RID BANDO Project Manager: HELLAND		Address:	· · ·	pe	24	72	Anal	ysis and Met	hod		State	71
	Jueno Dozzi	City, State, Zip		-	T	T	1				NM CO UT A	2
City, State, Zip Carloba	1 NW 88320	Phone:		115	115						TX OK	-
Address: JA S Hashing <u>City, State, Zis</u> <u>Phone:</u> Email:		Email:		by 80	by BC	121	10	0.001	MN	ž		
			1 1.1	5108 v9 080/080	GRO/DRO by 8015	BTEX by 8021	VOC. by 8260 Metals 6010	Chloride 300.0	BGDOC - NM	BGDOC	Remarks	
Report due by:	Ne Sample ID		Lab Number	1010	GRO/	BTEX	VOC.	Chlo	BGL	BGD		
Time Date Matrix Sampled Sampled	Containers Sample To		11011100						X			
Time Date Sampled Matrix No.40 No.40 Matrix No.40 No.40 No.40 Matrix No.40 No.40 No.40 Matrix	1 BHOQQ	5	11					+				
	1 21100	4.5	112		1				X	+++		
11/28 1354 S	1 BHUG	<u>.</u>	13						X			
11/28/117 5	1 BH05@				1	\vdash			V	F.		
	1 BHOIR	3	14									
128 1024 S		2	15	·								
11 28 1050 S	1 BH03 @	3	14						X	() - I		
11/28/1139 5	1 BH07(a	00			+	+	+					
11/28/1031 S	1 BHOIQ	5	17		_	+	++					
	1 BHODA)	18						++		+	
128 1034)	Directe		19							K		
11/28 1132 S	1 BHOLEG)2	77			T				X		
11/28/1021 S	1 BHOIG	1	20				0		لمحتلم	A	100 (1 /0	
Additional Instructions:	the ibiliant	unde Savahma	uS	ch	leo	L,	Ger	prola	MA bergal preserv	atos must he terer	vedonice the day they are sampled	d sr
Preuse Sene	authenticity of this sample. I am aware	that tampering with or intentionally mislabelling the sam	ple location. da	e of				received packed in	ce at an aug ter	nt spore 3 put feis	stran é 'Consublequent days	
, (feid smoler), attest to the validity a	and may be grounds for legal action. Sample		Date			me				Lab Use	Only	
Religquished by: (Signature)	Date		11/ 5	9-22	21	UGC)D	Received	on ice:	QI N		2
	Date Time	Received by Signature	Date	1 1	Т	ime //:(20	1		T2	<u>T3</u>	
Relinquisher by: (Signature)	11-29-22 14	200 Talte alle	- Date	30/2	300	lime	<u></u>		,	1		
Reinquished by: (Signature)	Date Time	Received by: (Signature)						AVG Tem		1	100	
			Cor	ntainer	Type:	g · g	lass, p -	poly/plastic,	ag - ambi	er glass, v - V	is of the above samples is a	applicable
Sample Matrix: S - Soil. Sd - Solid	I, Sg - Sludge, A - Aqueous, U - Other days after results are reported unless of	other arrangements are made Hatardous samples iability of the laborator, is limited to the amount p	will be return	red to cli	ient or c	dispos	ed of at th	e Cient expense				
only to those samples received a	Sy like loop of the											
en	virotech	5 6 8 C						10 20				

Page 78 of 142

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Souder Miller Associates - Carlsbad	Date Received:	11/30/22	11:00	Work Order ID: E211172
Phone:	(575) 200-5443	Date Logged In:	11/30/22	09:52	Logged In By: Caitlin Christian
Email:		Due Date:	12/06/22	17:00 (4 day TAT)	
Chain of	<u>Custody (COC)</u>				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match	h the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: U	JPS
4. Was th	e COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		Comments/Resolution
Sample '	<u> Turn Around Time (TAT)</u>				, _, _, _, _, _,
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Rio Blanco 33 Fed 2 has been
Sample (<u>Cooler</u>				separated into 2 reports. Workorders are as
7. Was a	sample cooler received?		Yes		follows: E211172 & E211173. White out is
8. If yes,	was cooler received in good condition?		Yes		on COC by client.
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		on eoe by chem.
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are a minutes of sampling		Yes		
13 If no	visible ice, record the temperature. Actual sample to	emperature: 4°	С		
	Container	•	<u> </u>		
	iqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
15. Are V	VOC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)?				
15. Are V 16. Is the	head space less than 6-8 mm (pea sized or less)?		NA NA		
15. Are V 16. Is the 17. Was a	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		NA		
 15. Are V 16. Is the 17. Was a 18. Are r 	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?	rs collected?	NA NA NA		
 15. Are V 16. Is the 17. Was a 18. Are r 	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container	ers collected?	NA NA NA Yes		
 15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container		NA NA NA Yes		
 15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were 	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containe <u>bel</u>		NA NA NA Yes		
 15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S 	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containe bel field sample labels filled out with the minimum informanple ID? Date/Time Collected? 		NA NA Yes Yes Yes		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S I C	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contained bel field sample labels filled out with the minimum information of the content of the content		NA NA Yes Yes		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S C Sample	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contained bel field sample labels filled out with the minimum information of the content of the content	mation:	NA NA Yes Yes Yes No		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S C Sample 21. Does	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containe bel field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pre-	mation:	NA NA Yes Yes Yes No		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S Sample 21. Does 22. Are s	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containe bel field sample labels filled out with the minimum information of the collected? Collectors name? Preservation the COC or field labels indicate the samples were presented in the correctly preserved? 	mation: served?	NA NA Yes Yes Yes No No		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S C Sample 1 21. Does 22. Are s 24. Is lab	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum informangle ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were present ample(s) correctly preserved? o filteration required and/or requested for dissolved metagements. 	mation: served?	NA NA Yes Yes Yes No		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S Sample 1 21. Does 22. Are s 24. Is lab Multiph	 a head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were presample(s) correctly preserved? o filteration required and/or requested for dissolved me ase Sample Matrix 	mation: served? ttals?	NA NA Yes Yes Yes No No NA		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S Sample 1 21. Does 22. Are s 24. Is lab Multiph 26. Does	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum informangle ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were presample(s) correctly preserved? o filteration required and/or requested for dissolved me ase Sample Matrix the sample have more than one phase, i.e., multiphase 	mation: served? ttals? 5?	NA NA Yes Yes No No No No		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S C Sample 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes	 a head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum informant of the correct container? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were preserved? o filteration required and/or requested for dissolved me ase Sample Matrix the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyzed 	mation: served? ttals? 5?	NA NA Yes Yes Yes No No NA		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S Sample J 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes	 a head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum informangle ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were presemple(s) correctly preserved? o filteration required and/or requested for dissolved me ase Sample Matrix the sample have more than one phase, i.e., multiphases, does the COC specify which phase(s) is to be analyz 	mation: served? etals? s? zed?	NA NA Yes Yes Yes No No NA No NA		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S Sample J 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes Subcont 28. Are s	 a head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum informant of the correct container? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were preserved? o filteration required and/or requested for dissolved me ase Sample Matrix the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyzed 	mation: served? etals? s? sed? '?	NA NA Yes Yes No No No No		

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



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Souder Miller Associates - Carlsbad

Project Name:

Rio Blanco 33 Fed 2

Work Order: E211173

Job Number: 01058-0007

Received: 11/30/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/5/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 12/5/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Rio Blanco 33 Fed 2 Workorder: E211173 Date Received: 11/30/2022 11:00:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/30/2022 11:00:00AM, under the Project Name: Rio Blanco 33 Fed 2.

The analytical test results summarized in this report with the Project Name: Rio Blanco 33 Fed 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

Field Offices:

Southern New Mexico Area Lynn Jarboe

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

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BH08 @ 5	6
BH05 @ 5	7
BH06 @ 3.5	8
BH08 @ 2	9
BH03 @ 5	10
BH05 @ 0	11
BH02 @ 5	12
BH07 @ 5	13
BH09 @ 3	14
BH10@0	15
BH09 @ 2	16
BH08 @ 0	17
BH09 @ 0	18
BH03 @ 0	19
BH04 @ 0	20
BH04 @ 1	21
BH10 @ 3	22
BH02 @ 0	23
QC Summary Data	24
QC - Volatile Organics by EPA 8021B	24

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Table of Contents (continued)

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

Sample Summary

		Sample Sum	mary		
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	Rio Blanco 33 Fed 2 01058-0007 Heather Woods	2	Reported: 12/05/22 11:02
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
3H08 @ 5	E211173-01A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH05 @ 5	E211173-02A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH06 @ 3.5	E211173-03A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH08 @ 2	E211173-04A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH03 @ 5	E211173-05A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH05 @ 0	E211173-06A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH02 @ 5	E211173-07A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH07 @ 5	E211173-08A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH09 @ 3	E211173-09A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
3H10 @ 0	E211173-10A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH09 @ 2	E211173-11A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH08 @ 0	E211173-12A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH09 @ 0	E211173-13A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH03 @ 0	E211173-14A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH04 @ 0	E211173-15A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH04 @ 1	E211173-16A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
BH10 @ 3	E211173-17A	Soil	11/28/22	11/30/22	Glass Jar, 4 oz.
H02 @ 0	E211173-18A	Soil	11/28/22	11/30/22	Glass Jar, 2 oz.



	K.	ampic D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Num Project Mana	ber: 0103	Blanco 33 Fed 2 58-0007 ther Woods			Reported: 12/5/2022 11:02:10AM
		BH08 @ 5				
		E211173-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
thylbenzene	ND	0.0250	1	11/30/22	12/01/22	
oluene	ND	0.0250	1	11/30/22	12/01/22	
-Xylene	ND	0.0250	1	11/30/22	12/01/22	
,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
otal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
urrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2249040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
urrogate: n-Nonane		106 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2249042
Chloride	434	20.0	1	11/30/22	12/01/22	

Sample Data



Sample Data

	D	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name:	: Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numb	er: 0105	58-0007	Reported:		
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 11:02:10AM
		BH05 @ 5				
		E211173-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2249040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		111 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2249042
Chloride	36.6	20.0	1	11/30/22	12/01/22	



Sample Data

	5	ample D	ลเล			
Souder Miller Associates - Carlsbad	Project Name	: Rio	Blanco 33 Fee	d 2		
201 S Halagueno St.	Project Numb	er: 010:	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 11:02:10AM
]	BH06 @ 3.5				
		E211173-03				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Foluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		109 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: RAS		Batch: 2249042
Chloride	50.7	20.0	1	11/30/22	12/01/22	



Sample Data

	29	imple D	ลเล			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed	2		
201 S Halagueno St.	Project Numbe	r: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manage	er: Hea	ther Woods			12/5/2022 11:02:10AM
]	BH08 @ 2				
]	E211173-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
o-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		110 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2249042
Chloride	106	20.0	1	11/30/22	12/01/22	

Sample Data

	50	ample D	ala				
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 F	Fed 2			
201 S Halagueno St.	Project Numbe	er: 0105	58-0007				Reported:
Carlsbad NM, 88220	Project Manag	er: Hea	ther Woods				12/5/2022 11:02:10AM
		BH03 @ 5					
		E211173-05					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	I	Analyst: RI	KS		Batch: 2249040
Benzene	ND	0.0250	1		11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1		11/30/22	12/01/22	
Toluene	ND	0.0250	1		11/30/22	12/01/22	
-Xylene	ND	0.0250	1		11/30/22	12/01/22	
,m-Xylene	ND	0.0500	1		11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1		11/30/22	12/01/22	
urrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/30/22	12/01/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130		11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL			Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1		12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1		12/01/22	12/02/22	
urrogate: n-Nonane		106 %	50-200		12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RA	AS		Batch: 2249042
Chloride	277	20.0	1		11/30/22	12/01/22	



Sample Data

	29	imple D	ala			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numbe	r: 010:	58-0007			Reported:
Carlsbad NM, 88220	Project Manage	er: Hea	ther Woods			12/5/2022 11:02:10AM
]	BH05 @ 0				
]	E211173-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
thylbenzene	ND	0.0250	1	11/30/22	12/01/22	
oluene	ND	0.0250	1	11/30/22	12/01/22	
-Xylene	ND	0.0250	1	11/30/22	12/01/22	
,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
urrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
urrogate: n-Nonane		107 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: RAS		Batch: 2249042
Chloride	ND	20.0	1	11/30/22	12/01/22	



Sample Data

	50	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 F	ed 2		
201 S Halagueno St.	Project Numbe	er: 0105	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	er: Hea	ther Woods			12/5/2022 11:02:10AM
		BH02 @ 5				
		E211173-07				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepa	red Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/	/22 12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/	/22 12/01/22	
Toluene	ND	0.0250	1	11/30/	/22 12/01/22	
-Xylene	ND	0.0250	1	11/30/	/22 12/01/22	
,m-Xylene	ND	0.0500	1	11/30/	/22 12/01/22	
Total Xylenes	ND	0.0250	1	11/30/	/22 12/01/22	
urrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	11/30/	/22 12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/	/22 12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	11/30/	/22 12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01	/22 12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01	/22 12/02/22	
urrogate: n-Nonane		109 %	50-200	12/01	/22 12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: RAS		Batch: 2249042
Chloride	1020	20.0	1	11/30/	/22 12/01/22	



Sample Data

	52	ample D	ata			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numbe	er: 0105	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	er: Hea	ther Woods			12/5/2022 11:02:10AM
		BH07 @ 5				
		E211173-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
p,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2249040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		107 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2249042
Chloride	51.3	20.0	1	11/30/22	12/01/22	

Sample Data

	Da	ample D	ata			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2	2		
201 S Halagueno St.	Project Numbe	er: 0105	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 11:02:10AM
		BH09 @ 3				
		E211173-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
p,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2249040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		113 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2249042
Chloride	ND	20.0	1	11/30/22	12/01/22	

Sample Data

Reported: 12/5/2022 11:02:10AM ed Notes
12/5/2022 11:02:10AM
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Batch: 2249040
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Batch: 2249040
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22
Batch: 2249047
22
22
22
Batch: 2249042
22



Sample Data

	29	imple D	ata			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numbe	r: 010:	58-0007			Reported:
Carlsbad NM, 88220	Project Manage	er: Hea	ther Woods			12/5/2022 11:02:10AM
]	BH09 @ 2				
		E211173-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
p,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2249040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		109 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2249042
Chloride	39.4	20.0	1	11/30/22	12/01/22	

Sample Data

	25	imple D	ลเล			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed	2		
201 S Halagueno St.	Project Numbe	er: 010:	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	er: Hea	ther Woods			12/5/2022 11:02:10AM
		BH08 @ 0				
	-	E211173-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		115 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2249042
Chloride	ND	20.0	1	11/30/22	12/01/22	



Sample Data

	25	imple D	ลเล			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2	2		
201 S Halagueno St.	Project Numbe	er: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	er: Hea	ther Woods			12/5/2022 11:02:10AM
		BH09 @ 0				
		E211173-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
o-Xylene	ND	0.0250	1	11/30/22	12/01/22	
p,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		111 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2249042
Chloride	ND	20.0	1	11/30/22	12/01/22	

Sample Data

	25	imple D	ata			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed	2		
201 S Halagueno St.	Project Numbe	er: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	er: Hea	ther Woods			12/5/2022 11:02:10AM
		BH03 @ 0				
	-	E211173-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
p,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	68.8	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	208	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		113 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2249042
Chloride	ND	20.0	1	11/30/22	12/01/22	

Sample Data

	De	ample D	ala			
Souder Miller Associates - Carlsbad	Carlsbad Project Name: Rio Blanco 33 Fed 2					
201 S Halagueno St.	Project Numbe	er: 0103	58-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods		12/5/2022 11:02:10AM	
		BH04 @ 0				
		E211173-15				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
-Xylene	ND	0.0250	1	11/30/22	12/01/22	
,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
urrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS	Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
urrogate: n-Nonane		102 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2249042
Chloride	ND	20.0	1	11/30/22	12/01/22	



Sample Data

	3	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name					
201 S Halagueno St.	Project Numb		58-0007			Reported:
Carlsbad NM, 88220	Project Mana	ger: Hea	ther Woods			12/5/2022 11:02:10AM
		BH04 @ 1				
		E211173-16				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2249040
Benzene	ND	0.0250	1	11/30/22	12/01/22	
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22	
Toluene	ND	0.0250	1	11/30/22	12/01/22	
p-Xylene	ND	0.0250	1	11/30/22	12/01/22	
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22	
Total Xylenes	ND	0.0250	1	11/30/22	12/01/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2249040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	11/30/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2249047
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22	
Surrogate: n-Nonane		110 %	50-200	12/01/22	12/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2249042
Chloride	191	20.0	1	11/30/22	12/01/22	



Sample Data

	5	ample D	ala				
Souder Miller Associates - Carlsbad	Project Name:	Project Name: Rio Blanco 33 Fed 2					
201 S Halagueno St.	Project Numb	er: 010	58-0007			Reported:	
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 11:02:10AM	
		BH10 @ 3					
		E211173-17					
		Reporting					
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	/kg Analyst: RKS			Batch: 2249040	
Benzene	ND	0.0250	1	11/30/22	12/01/22		
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22		
Foluene	ND	0.0250	1	11/30/22	12/01/22		
p-Xylene	ND	0.0250	1	11/30/22	12/01/22		
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22		
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/30/22	12/01/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	11/30/22	12/01/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2249047	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22		
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22		
Surrogate: n-Nonane		111 %	50-200	12/01/22	12/02/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2249042	
Chloride	64.5	20.0	1	11/30/22	12/01/22		



Sample Data

	Di	ample D	ala				
Souder Miller Associates - Carlsbad	Project Name:		Blanco 33 Fe	ed 2			
201 S Halagueno St.	Project Number		58-0007			Reported: 12/5/2022 11:02:10AM	
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/5/2022 11:02:10AM	
		BH02 @ 0					
		E211173-18					
		Reporting					
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2249040	
Benzene	ND	0.0250	1	11/30/22	12/01/22		
Ethylbenzene	ND	0.0250	1	11/30/22	12/01/22		
Foluene	ND	0.0250	1	11/30/22	12/01/22		
p-Xylene	ND	0.0250	1	11/30/22	12/01/22		
o,m-Xylene	ND	0.0500	1	11/30/22	12/01/22		
Fotal Xylenes	ND	0.0250	1	11/30/22	12/01/22		
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/30/22	12/01/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2249040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/22	12/01/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	11/30/22	12/01/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2249047	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/02/22		
Dil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/02/22		
Surrogate: n-Nonane		113 %	50-200	12/01/22	12/02/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: RAS		Batch: 2249042	
Chloride	87.2	20.0	1	11/30/22	12/01/22		



QC Summary Data

		<u> </u>		v					
Souder Miller Associates - Carlsbad		Project Name:	R	io Blanco 33 l	Fed 2				Reported:
201 S Halagueno St.		Project Number:	01	1058-0007					reporteur
Carlsbad NM, 88220		Project Manager:	Н	eather Woods					12/5/2022 11:02:10AM
		Volatile O	rganics l	by EPA 802	21B				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
<i>i</i> mary c	Result	Ĺimit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2249040-BLK1)							Prepared: 1	1/30/22 A	Analyzed: 12/01/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			
LCS (2249040-BS1)							Prepared: 1	1/30/22 A	Analyzed: 12/01/22
Benzene	4.49	0.0250	5.00		89.9	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.3	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
p-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130			
Total Xylenes	14.9	0.0250	15.0		99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			
Matrix Spike (2249040-MS1)				Source:	E211173-01		Prepared: 1	1/30/22 A	Analyzed: 12/01/22
Benzene	5.07	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.49	0.0250	5.00	ND	110	61-133			
Toluene	5.50	0.0250	5.00	ND	110	61-130			
o-Xylene	5.65	0.0250	5.00	ND	113	63-131			
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131			
Total Xylenes	16.8	0.0250	15.0	ND	112	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			
Matrix Spike Dup (2249040-MSD1)				Source:	E211173-01		Prepared: 1	1/30/22 A	Analyzed: 12/01/22
Benzene	4.43	0.0250	5.00	ND	88.5	54-133	13.6	20	
Ethylbenzene	4.75	0.0250	5.00	ND	95.1	61-133	14.4	20	
Toluene	4.77	0.0250	5.00	ND	95.4	61-130	14.2	20	
p-Xylene	4.88	0.0250	5.00	ND	97.6	63-131	14.7	20	
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	63-131	14.1	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	14.3	20	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130			



QC Summary Data

		QU N		ary Date	•				
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:		tio Blanco 33 F 1058-0007	ed 2				Reported:
Carlsbad NM, 88220		Project Manager:	Н	leather Woods					12/5/2022 11:02:10AM
	No	nhalogenated (Organics	by EPA 801	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2249040-BLK1)							Prepared: 1	1/30/22 A	nalyzed: 12/01/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			
LCS (2249040-BS2)							Prepared: 1	1/30/22 A	nalyzed: 12/01/22
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.8	70-130			
Matrix Spike (2249040-MS2)				Source:	E211173-0)1	Prepared: 1	1/30/22 A	nalyzed: 12/01/22
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			
Matrix Spike Dup (2249040-MSD2)				Source:	E211173-()1	Prepared: 1	1/30/22 A	nalyzed: 12/01/22
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.2	70-130	2.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			



QC Summary Data

		QU D	u 111111	ary Date					
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(Rio Blanco 33 I)1058-0007 Heather Woods	Fed 2				Reported: 12/5/2022 11:02:10AM
	Nonh	alogenated Org	anics by	y EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2249047-BLK1)							Prepared: 1	2/01/22 A	analyzed: 12/01/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	53.1		50.0		106	50-200			
LCS (2249047-BS1)							Prepared: 1	2/01/22 A	analyzed: 12/01/22
Diesel Range Organics (C10-C28)	248	25.0	250		99.0	38-132			
Surrogate: n-Nonane	53.4		50.0		107	50-200			
Matrix Spike (2249047-MS1)				Source:	E211173-(05	Prepared: 1	2/01/22 A	analyzed: 12/01/22
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			
Matrix Spike Dup (2249047-MSD1)				Source:	E211173-()5	Prepared: 1	2/01/22 A	analyzed: 12/01/22
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.8	38-132	2.11	20	
Surrogate: n-Nonane	52.3		50.0		105	50-200			



QC Summary Data

		•		ary Dav						
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(Rio Blanco 33 I)1058-0007 Heather Woods					Reporte 12/5/2022 11:0	
		Anions	by EPA	300.0/90564	4				Analyst: RA	.S
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Note	es
Blank (2249042-BLK1)							Prepared: 1	1/30/22	Analyzed: 12/0	1/22
Chloride	ND	20.0								
LCS (2249042-BS1)							Prepared: 1	1/30/22	Analyzed: 12/0	1/22
Chloride	273	20.0	250		109	90-110				
Matrix Spike (2249042-MS1)				Source:	E211173-0	1	Prepared: 1	1/30/22	Analyzed: 12/0	1/22
Chloride	715	20.0	250	434	112	80-120				
Matrix Spike Dup (2249042-MSD1)				Source:	E211173-0	1	Prepared: 1	1/30/22	Analyzed: 12/0	1/22
Chloride	693	20.0	250	434	104	80-120	3.03	20		

QC Summary Report Comment:

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



Souder Miller Associates - Carlsbad	Project Name:	Rio Blanco 33 Fed 2	
201 S Halagueno St.	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Heather Woods	12/05/22 11:02

ND	Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information	Chain of Cu	stody						4	e.	Page 3 of 4
Client: Souder Mullent Project: PLD Banco 331 Project Manager: Heather Lu	Associates Attention: Deuto Ced 2 Attention: Deuto Address: City, State, Zip		Lab V PE	vo≓ Z/II		0	Number 058-0007 alysis and Net	TAT 10 30 hod	RCRA	CWA SDWA State NM CO UT AZ
<u>Address:</u> <u>City, State, ZipCurt, Sbaduk</u> <u>Phone:</u> <u>Email:</u>	Phone: Email:	lab	DRO/ORO by 8015	GRO/DRO by 8015	RTEX by 8021	VOC. by 8260	Metais bourd Chiloride 300.0	BGDOC - NM actoc - 1X		X OK Remarks
Sampled Sampled Matrix Containers	Sample ID	Number	2	5	8	>	2 0	X		
1001203	BH08@5	2						×		1
11/28/1123 S 1	BHOSE S	3						X		
1201131 0	NHORA 2	4						X		
11/28/1157 3 1	BH03Q5	5						X	++	
11/28/1053 S 1 11/28/1114 S 1	BHOSQO	4	_		-	-		X		
"28 1041 S 1	BHD2@5	7	_					X		
11/28/1149 5 1	BHOT@5	8			1	+		X	-+-+	
11/28 1337 5 1	BHDGQ3	10	+		╋	+	+++	T A		
11/28 1341 S 1	BHIDQO	10				100	Ger	- COPO	000 (podman
Additional Instructions: DRASE Send 4	the sample of th	Ibcation, date	2 31 0		Ch	ilec			nust be received o ave D but feis than	nice the day they are sampled or 5°C on subsequent days
time of collection is considered fraud and may be g	Date 78 22 1030 Received by: (Signature)	Date	9.2	21	me 09(me	00	Received o	on ice:	ab Use Or	aly
Relinquished by: (Sparture) Mr Mullinguished by: (Signature)	Date Time Received by Signature)	Date	30/2	Z	//:(ime		T1AVG Tem	<u>12</u> p°c 4		<u></u> <u>T3</u>
	A - Aqueous, O - Other	Con	tainer	Type: ent or d	g - g	lass, p			lass, v - VO/ the analysiso	A f the above samples is applicable
Sample Matrix: 3 - 500, 501 - 5010, 50 - 500 Note: Samples are discarded 30 days after re provido those samples received by the labora	sults are reported unless other arrangements are made. Hatardous samples wi story with this COC. The liability of the laboratory is limited to the amount pad	for on the	report							
envire	otech					÷	2			

Project Information	Chain of Cu	stody							E			Page 4 of 4
	Attention: Dewon Attention: Dewon Address: City, State, Zip		Lab V	vo# 2 		2 0	Dnly , b Numb 1058-1 alysis an	0007	TA 10	(21)	EF RCRA	A Program CWA SDWA State NM CO UT AZ
Phone:	DIN 28770 Phone: Email:	Lab	SI US VA CHO/OHO	GRO/DRO hy 8015	BTEX by 8021	VOC. by 8260	Metals 6010 Chioride 300.0		MN - 2008	BGDOC - 1X		TX OK
Report due by: Time Date Matrix Ne Sampled Sampled Matrix	Sample ID	Number	DHO/	GRO/	BTEX	VOC.	Chic			BGL	++	
	BHDGQ 2	11						$\left \right $	X	+	++	
11/28 1335 5 1	BHORD O	12	1		-			$\left \right $	1	-	++	
	BHDGQO	13			-			$\left \right $	X	-	++	
	BHOBE D	14						+-+	7	-		
1001044	BHOYQO	15	·			-		++	Y		++	
11/28/1057 S 1 11/28/1059 S 1	BHOYE	14		-	-						++	
11/28/351 5 1	BHID@3	17			+	+		+	-+	×	++	
1201:51					+					╉	++	
					_	+	+		\vdash	+	++	
Additional Instructions: Additional Instruc	the of this sample. I am aware that tampering with or intentionally mislabelling the gemple isounds for legal action. Sampled by:	Bedy beation, date	CL 2 J	a	<u>~</u> r	<u>ــــــــــــــــــــــــــــــــــــ</u>	Samples in received p	eouting therr acked in ice a	tal preserv tan aug ter	wt spare	0.0001-055.241	mice the day they are sampled or é 'C on subsequient days
	Date 128 22 1020 Michiller. Curles	- 11-2	19-2	2	04	100	Rece	ived on	ice:		b Use Or / N	
Relinquished by (Signature)	Date Time Regeived by: (Depature)	E III	30/2			0_	<u></u>			<u>12</u> 4		<u>T3</u>
Relinquished by: (Signature)	Date	Con	tainer	Type:	g · g	lass, p		Temp ^o astic, ag		erglan	ss, v - VO/ e analivsiso	A f : he soove samples is appliced
Sampie Matrix: S - Soil, Sd - Solid, Sg - Sludg Note: Samples are discarded 30 days after i	a A - Aqueous, D - Other esults are reported unless other arrangements are made. Hatardous samples w atory with this COC. The liability of the laboratory is limited to the amount paid	ill ha caturn	ed to cli	ient or c	spos	ed of at	the Crient e	xpense i				
ony to those samples received by me	otech					×.	5					

Page 109 of 142

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Souder Miller Associates - Carlsbad	Date Received:	11/30/22 11:0	00	Work Order ID: E211173
Phone:	(575) 200-5443	Date Logged In:	11/30/22 09::	53	Logged In By: Caitlin Christian
Email:	I	Due Date:	12/06/22 17:	00 (4 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match	h the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: U	JPS
4. Was th	e COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion	-	Yes		Comments/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>				
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Rio Blanco 33 Fed 2 has been
Sample (Cooler				separated into 2 reports. Workorders are as
7. Was a	sample cooler received?		Yes		follows: E211172 & E211173. Received
8. If yes,	was cooler received in good condition?		Yes		extra sample BH02 @ 0. Client asked to
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		add sample to COC.
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are r		Yes		
13 If no	minutes of sampling visible ice, record the temperature. Actual sample te	emperature: 4º	C		
		inperature. <u>1</u>	<u>c</u>		
	Container_ iqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample container	rs collected?	Yes		
Field La			100		
	field sample labels filled out with the minimum inform	mation:			
	Sample ID?		Yes		
Γ	Date/Time Collected?		Yes	l	
C	Collectors name?		No		
	Preservation				
	the COC or field labels indicate the samples were pres	served?	No		
	ample(s) correctly preserved?	(1 0	NA		
	o filteration required and/or requested for dissolved me	tais?	No		
	ase Sample Matrix				
	the sample have more than one phase, i.e., multiphase		No		
27. If yes	s, does the COC specify which phase(s) is to be analyze	ed?	NA		
	ract Laboratory				
	amples required to get sent to a subcontract laboratory		No		
	a subcontract laboratory specified by the client and if s	1.0	NA S	ubcontract Lab	

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



•

Released to	ject Information		Custody		Lab	Use On	V .	5d VAT		Page 3 of 4
Sung	ient: Souder Mullin + Associates oject: Pid Banco 33 Fed 2 oject Manager: HPAther woods idress: Dis Halaoweno ty, State, Zio Curl Sbad, IVM 88220 Email:		·	eb wo≇ EZI		1 dol	Sis and N ^t eth	1D 3D	RCRA	CWA SDWA State NM CO UT AZ
2023	none: mail: eport due by:		Lab Number	GRO/DRO by 8015 GRO/DRO by 8015	RTEX by 8021	VOC by 8260	Chloritde 300.0	BGDOC - NM BGDOC - 1X		Remarks
):40 PM	Sampled Sampled		Nulliber	2 0	-			X		
N	128 1203 5 1 BH08@5		2					X		0
	100000000000000000000000000000000000000		3					X		
	11/28/1137 5 1 BHORQ 2		4		-			X		
	11/28/1053 S 1 BH03@5		5		+			X		
	11/28/114 S 1 BHOSEO		17		+			X		
	11/28/1041 5 1 BHOZ@5		8		1			X		
	11/28 1149 S 1 BHOT@S		9					X		
	128 1337 J 1 BHOGOS		10					. X		
	Additional Instructions: Additional Instruc	sals, Saura with ar intentionally mislabelling the sar	mple location, date or		ich	Ra	1000	e at an avg temp above	t be received on a O but feis than is	ce the day they are sampled or 'C on subsequent days
	time of collection is considered fraud and may be grounds of regare actions where the second	Received by: (Signature)	Date 11-29 Date	-			Received or	/	o Use Only N	
	Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature) Date	Received by: (Sigrature)	E Date	fac	//:0	-	T1 AVG Temp		s v - VOA	_ <u>13</u>
	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless other arranged Note: Samples are discarded by the laboratory with this COC. The liability of the l	nents are made Hatardous sample	e will be returned to	o client or	dispose	i of at the o	dient expense	g - amber glas	anal vsis of :	he above samples is applicable
	Note: Samples are discarded 30 days after results are reported unless other arranges bring to those samples received by the laboratory with this COC. The liability of the liabi									
•		Paç	ge 32 of 33							

to	ent: Souder Miller + Associates Attention:	Chain of Custody Bill To ; Devon	Lab		b Use Only	umber	TAT 10 3D RO	Page 4 of 4 EPA Program CRA CWA SDWA
sing: 3/2/2023	oject: RIO DRUNCO CANADA Address: oject Manager: Alecthic y woods dress: 201 State Address: ty, State, Zip Can State Nin 88220 none: mail:		стано/ово by 8015	GRO/DRO Iy 8015 ВГЕХ by 8021	Analys Analys Metals 6010	T-0007 is and N'etho Chloride 300.0	bd BgbDC - NM BgbDC - 1X	State NM CO UT AZ X A TX OK Remarks
0.1	Time Date Matrix Ne Containers Sample ID	Numb	PHO/	GRO/ BTEX	VOC	Chio	N BGG	
M	1/28 1335 5 1 BHOGQ 2 1/28 1154 5 1 BHOBQ 0	12	and the second sec				X	
	11/28 1332 S 1 BHOGQO	14					X	
	11/28/057 S 1 BHOY@O	15					X	
	11/28/1059 S 1 BHOY@1 11/28/1351 S 1 BH10@3	17	7				XX	
	11/28 1030 S BHOZQO Received e	extra Sample.						
	Direct Ooked +	to add to COC. 11/1	30/20					received on Ke the day they are sampled or
	(faid sampler), attest to the validity and authenticity of this sample. I am aware that tampering a (faid sampler), attest to the validity and authenticity of this sample. I am aware that tampering a time of collection is considered fraud and may be grounds for lega, action, Sampled by: time of collection is considered fraud and may be grounds for lega, action, Sampled by:	with or intentionally mislabelling the graphe location, a structure by: (Signature)		Time	900 F	eceived or	Lab U	ise Only
	Relinquished by: (Signature) III 28/22 030 Relinquished by: (Signature) Date Time Milling II-29-22 600 Relinquished by: (Signature) Date Time	Received by: (Sigrature)	130 10	Z III		T1 AVG Temp		<u>T3</u>
	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	the sole is a part of the ratio	roed to cli	Type: g - ent or dispo	glass, p - po sed of at the c	ly/plastic, ag	g - amber glass, v The report for the an	al vsis of the above samples is applicable
	envirotech	Page 33 of	33					

Page 112 of 142





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:

Rio Blanco 33 Fed 2

Work Order: E212056

Job Number: 01057-0007

Received: 12/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/12/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 12/12/22

Heather Woods 201 S Halagueno St. Carlsbad, NM 88220

Project Name: Rio Blanco 33 Fed 2 Workorder: E212056 Date Received: 12/9/2022 10:40:00AM

Heather Woods,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/9/2022 10:40:00AM, under the Project Name: Rio Blanco 33 Fed 2.

The analytical test results summarized in this report with the Project Name: Rio Blanco 33 Fed 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.

Raina Schwanz

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe

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

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

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

Envirotech Web Address: www.envirotech-inc.com



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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BH11@0	6
BH11@1	7
BH11 @ 3	8
BH11 @ 4.5	9
BH12@0	10
BH12@1	11
BH12 @ 3	12
BH12 @ 5	13
BH13 @ 0	14
BH13 @ 1	15
BH13 @ 3	16
BH13 @ 5	17
BH14 @ 0	18
BH14 @ 1	19
BH14 @ 3	20
BH14 @ 5	21
QC Summary Data	22
QC - Volatile Organics by EPA 8021B	22
QC - Nonhalogenated Organics by EPA 8015D - GRO	23
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	24

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Table of Contents (continued)

QC - Anions by EPA 300.0/9056A	25
Definitions and Notes	26
Chain of Custody etc.	27

Sample Summary

		Sample Sum	mary				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	Rio Blanco 33 Fed 2 01057-0007 Heather Woods	2	Reported: 12/12/22 16:28		
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
BH11 @ 0	E212056-01A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.		
BH11 @ 1	E212056-02A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.		
BH11 @ 3	E212056-03A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.		
BH11 @ 4.5	E212056-04A	Soil	12/06/22	12/09/22	Glass Jar, 2 oz.		
BH12 @ 0	E212056-05A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH12 @ 1	E212056-06A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH12 @ 3	E212056-07A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH12 @ 5	E212056-08A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH13 @ 0	E212056-09A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH13 @ 1	E212056-10A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH13 @ 3	E212056-11A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH13 @ 5	E212056-12A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH14 @ 0	E212056-13A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
3H14 @ 1	E212056-14A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
BH14 @ 3	E212056-15A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		
3H14 @ 5	E212056-16A	Soil	12/07/22	12/09/22	Glass Jar, 2 oz.		



		ampic D	utu			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numb Project Manag	er: 0103	Blanco 33 Fed 2 57-0007 ther Woods			Reported: 12/12/2022 4:28:27PM
		BH11 @ 0				
		E212056-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
Toluene	ND	0.0250	1	12/09/22	12/10/22	
p-Xylene	ND	0.0250	1	12/09/22	12/10/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		110 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2250090
Chloride	ND	20.0	1	12/09/22	12/09/22	



	5	ampic D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ber: 0105	Blanco 33 Fed 57-0007 ther Woods	2		Reported: 12/12/2022 4:28:27PM
		BH11 @ 1				
		E212056-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL	Batch: 2250087	
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
oluene	ND	0.0250	1	12/09/22	12/10/22	
-Xylene	ND	0.0250	1	12/09/22	12/10/22	
,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
fotal Xylenes	ND	0.0250	1	12/09/22	12/10/22	
urrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
urrogate: n-Nonane		106 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2250090
Chloride	203	20.0	1	12/09/22	12/09/22	



	5	ample D	ลเล			
Souder Miller Associates - Carlsbad	Project Name:	: Rio	Blanco 33 Fed	2		
201 S Halagueno St.	Project Numb	er: 010	57-0007	Reported:		
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/12/2022 4:28:27PM
		BH11 @ 3				
		E212056-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
Toluene	ND	0.0250	1	12/09/22	12/10/22	
p-Xylene	ND	0.0250	1	12/09/22	12/10/22	
p,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Fotal Xylenes	ND	0.0250	1	12/09/22	12/10/22	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		109 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2250090
Chloride	37.6	20.0	1	12/09/22	12/09/22	



	56	impic D	ata			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name: Project Numbe Project Manag	er: 010:	Blanco 33 Fed 2 57-0007 ther Woods			Reported: 12/12/2022 4:28:27PM
	Ι	BH11 @ 4.5				
		E212056-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
thylbenzene	ND	0.0250	1	12/09/22	12/10/22	
oluene	ND	0.0250	1	12/09/22	12/10/22	
-Xylene	ND	0.0250	1	12/09/22	12/10/22	
,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
otal Xylenes	ND	0.0250	1	12/09/22	12/10/22	
urrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	12/09/22	12/10/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
urrogate: n-Nonane		112 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2250090
Chloride	42.1	20.0	1	12/09/22	12/09/22	



	0	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name	: Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numb	oer: 010	57-0007	Reported:		
Carlsbad NM, 88220	Project Mana	ger: Hea	ther Woods			12/12/2022 4:28:27PM
		BH12 @ 0				
		E212056-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
Foluene	ND	0.0250	1	12/09/22	12/10/22	
p-Xylene	ND	0.0250	1	12/09/22	12/10/22	
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Fotal Xylenes	ND	0.0250	1	12/09/22	12/10/22	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		110 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2250090
Chloride	361	20.0	1	12/09/22	12/09/22	



	Di	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name:	Rio	Blanco 33 Fed 2	2		
201 S Halagueno St.	Project Numbe	er: 0105	57-0007			Reported:
Carlsbad NM, 88220	Project Manag		12/12/2022 4:28:27PM			
		BH12 @ 1				
		E212056-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
Toluene	ND	0.0250	1	12/09/22	12/10/22	
o-Xylene	ND	0.0250	1	12/09/22	12/10/22	
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Fotal Xylenes	ND	0.0250	1	12/09/22	12/10/22	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		107 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2250090
Chloride	1510	20.0	1	12/09/22	12/09/22	



Sample Data

	N N	sample D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name:Rio Blanco 33 Fed 2Project Number:01057-0007Project Manager:Heather Woods					Reported: 12/12/2022 4:28:27PM
		BH12 @ 3				
		E212056-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
oluene	ND	0.0250	1	12/09/22	12/10/22	
-Xylene	ND	0.0250	1	12/09/22	12/10/22	
,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22	
urrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
urrogate: n-Nonane		110 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2250090
Chloride	432	20.0	1	12/09/22	12/09/22	

	0	ample D	ala				
Souder Miller Associates - Carlsbad	Project Name	: Rio	Blanco 33 Fed 2				
201 S Halagueno St.	Project Numb	er: 0103	57-0007			Reported:	
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/12/2022 4:28:27PM	
		BH12 @ 5					
		E212056-08					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087	
Benzene	ND	0.0250	1	12/09/22	12/10/22		
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22		
Toluene	ND	0.0250	1	12/09/22	12/10/22		
o-Xylene	ND	0.0250	1	12/09/22	12/10/22		
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22		
Fotal Xylenes	ND	0.0250	1	12/09/22	12/10/22		
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	12/09/22	12/10/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2250087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	12/09/22	12/10/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2250083	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22		
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22		
Surrogate: n-Nonane		102 %	50-200	12/09/22	12/09/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2250090	
Chloride	226	20.0	1	12/09/22	12/09/22		



	5	ample D	ala			
Souder Miller Associates - Carlsbad	Project Name:	: Rio	Blanco 33 Fed 2			
201 S Halagueno St.	Project Numb	er: 0103	57-0007			Reported:
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods			12/12/2022 4:28:27PM
		BH13 @ 0				
		E212056-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
Toluene	ND	0.0250	1	12/09/22	12/10/22	
p-Xylene	ND	0.0250	1	12/09/22	12/10/22	
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Fotal Xylenes	ND	0.0250	1	12/09/22	12/10/22	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		108 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2250090
Chloride	26.0	20.0	1	12/09/22	12/09/22	



Sample Data

	0	ample D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name Project Numb Project Mana	ct Number: 01057-0007				Reported: 12/12/2022 4:28:27PM
		BH13 @ 1				
		E212056-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
Toluene	ND	0.0250	1	12/09/22	12/10/22	
o-Xylene	ND	0.0250	1	12/09/22	12/10/22	
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2250087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
Surrogate: n-Nonane		110 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2250090
Chloride	152	20.0	1	12/09/22	12/09/22	



Sample Data

	D D	sample D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name:Rio Blanco 33 Fed 2Project Number:01057-0007Project Manager:Heather Woods				Reported: 12/12/2022 4:28:27PM	
		BH13 @ 3				
		E212056-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
Toluene	ND	0.0250	1	12/09/22	12/10/22	
o-Xylene	ND	0.0250	1	12/09/22	12/10/22	
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22	
urrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2250087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22	
urrogate: n-Nonane		110 %	50-200	12/09/22	12/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2250090
Chloride	226	20.0	1	12/09/22	12/09/22	



	5	ample D	ลเล					
Souder Miller Associates - Carlsbad	Project Name:	: Rio	Blanco 33 Fed 2	2				
201 S Halagueno St.	Project Numb	er: 0103	57-0007			Reported:		
Carlsbad NM, 88220	Project Manag	ger: Hea	ther Woods		12/12/2022 4:28:27PM			
		BH13 @ 5						
		E212056-12						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2250087		
Benzene	ND	0.0250	1	12/09/22	12/10/22			
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22			
Toluene	ND	0.0250	1	12/09/22	12/10/22			
p-Xylene	ND	0.0250	1	12/09/22	12/10/22			
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22			
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22			
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	12/09/22	12/10/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2250087		
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22			
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	12/09/22	12/10/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2250083		
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/09/22			
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/09/22			
Surrogate: n-Nonane		112 %	50-200	12/09/22	12/09/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2250090		
Chloride	523	20.0	1	12/09/22	12/09/22			



Sample Data

	G	ample D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	ber: 010	Blanco 33 Fed 2 57-0007 ther Woods	Reported: 12/12/2022 4:28:27PM			
		BH14 @ 0				
		E212056-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
oluene	ND	0.0250	1	12/09/22	12/10/22	
-Xylene	ND	0.0250	1	12/09/22	12/10/22	
,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22	
urrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2250087
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/10/22	
urrogate: n-Nonane		109 %	50-200	12/09/22	12/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2250090
Chloride	ND	20.0	1	12/09/22	12/09/22	

Sample Data

	G	ample D	ala							
Souder Miller Associates - Carlsbad	Project Name	e: Rio	Blanco 33 Fed 2	2						
201 S Halagueno St.	Project Num		57-0007			Reported:				
Carlsbad NM, 88220	Project Mana	nger: Hea	ther Woods			12/12/2022 4:28:27PM				
		BH14 @ 1								
		E212056-14								
Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2250087				
Benzene	ND	0.0250	1	12/09/22	12/10/22					
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22					
Foluene	ND	0.0250	1	12/09/22	12/10/22					
p-Xylene	ND	0.0250	1	12/09/22	12/10/22					
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22					
Fotal Xylenes	ND	0.0250	1	12/09/22	12/10/22					
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	12/09/22	12/10/22					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2250087				
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22					
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	12/09/22	12/10/22					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2250083				
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/10/22					
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/10/22					
Surrogate: n-Nonane		114 %	50-200	12/09/22	12/10/22					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2250090				
Chloride	171	20.0	1	12/09/22	12/09/22					



Sample Data

	b	ample D	ala							
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	ber: 010	Blanco 33 Fed 2 57-0007 ther Woods		Reported: 12/12/2022 4:28:27PM						
		BH14 @ 3								
		E212056-15								
Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087				
Benzene	ND	0.0250	1	12/09/22	12/10/22					
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22					
oluene	ND	0.0250	1	12/09/22	12/10/22					
-Xylene	ND	0.0250	1	12/09/22	12/10/22					
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22					
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22					
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	12/09/22	12/10/22					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: SL						
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22					
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	12/09/22	12/10/22					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2250083				
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/10/22					
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/10/22					
Surrogate: n-Nonane		110 %	50-200	12/09/22	12/10/22					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2250090				
Chloride	171	20.0	1	12/09/22	12/09/22					

Sample Data

	5	ample D	ala			
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220	Project Name:Rio Blanco 33 Fed 2Project Number:01057-0007Project Manager:Heather Woods				Reported: 12/12/2022 4:28:27PM	
		BH14 @ 5				
		E212056-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250087
Benzene	ND	0.0250	1	12/09/22	12/10/22	
Ethylbenzene	ND	0.0250	1	12/09/22	12/10/22	
oluene	ND	0.0250	1	12/09/22	12/10/22	
-Xylene	ND	0.0250	1	12/09/22	12/10/22	
o,m-Xylene	ND	0.0500	1	12/09/22	12/10/22	
Total Xylenes	ND	0.0250	1	12/09/22	12/10/22	
urrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2250087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/09/22	12/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	12/09/22	12/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2250083
Diesel Range Organics (C10-C28)	ND	25.0	1	12/09/22	12/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	12/09/22	12/10/22	
Surrogate: n-Nonane		110 %	50-200	12/09/22	12/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2250090
Chloride	588	20.0	1	12/09/22	12/09/22	



QC Summary Data

Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	01	o Blanco 33 l 057-0007 eather Woods	Fed 2				Reported: 12/12/2022 4:28:27PM
		Volatile O	rganics b	oy EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2250087-BLK1)							Prepared: 1	2/09/22 A	nalyzed: 12/10/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			
LCS (2250087-BS1)							Prepared: 1	2/09/22 A	analyzed: 12/10/22
Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.92	0.0250	5.00		98.4	70-130			
Toluene	5.05	0.0250	5.00		101	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
o,m-Xylene	9.94	0.0500	10.0		99.4	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			
Matrix Spike (2250087-MS1)				Source:	E212056-	02	Prepared: 1	2/09/22 A	analyzed: 12/10/22
Benzene	4.16	0.0250	5.00	ND	83.3	54-133			
Ethylbenzene	4.27	0.0250	5.00	ND	85.4	61-133			
Toluene	4.37	0.0250	5.00	ND	87.4	61-130			
p-Xylene	4.42	0.0250	5.00	ND	88.5	63-131			
o,m-Xylene	8.66	0.0500	10.0	ND	86.6	63-131			
Total Xylenes	13.1	0.0250	15.0	ND	87.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			
Matrix Spike Dup (2250087-MSD1)				Source:	E212056-	02	Prepared: 1	2/09/22 A	nalyzed: 12/10/22
Benzene	4.55	0.0250	5.00	ND	91.1	54-133	8.99	20	
Ethylbenzene	4.68	0.0250	5.00	ND	93.5	61-133	9.04	20	
Toluene	4.78	0.0250	5.00	ND	95.6	61-130	9.06	20	
o-Xylene	4.83	0.0250	5.00	ND	96.6	63-131	8.78	20	
o,m-Xylene	9.46	0.0500	10.0	ND	94.6	63-131	8.86	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.3	63-131	8.83	20	
Total Aylenes									



QC Summary Data

		QU N	<i>u</i>	ing Duc	-				
Souder Miller Associates - Carlsbad 201 S Halagueno St.		Project Name: Project Number:	01	io Blanco 33 F 1057-0007	Fed 2				Reported:
Carlsbad NM, 88220		Project Manager:	Н	eather Woods					12/12/2022 4:28:27PM
	No	nhalogenated O	rganics	by EPA 801	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2250087-BLK1)							Prepared: 1	2/09/22	Analyzed: 12/10/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			
LCS (2250087-BS2)							Prepared: 1	2/09/22	Analyzed: 12/10/22
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.1	70-130			
Matrix Spike (2250087-MS2)				Source:	E212056-	02	Prepared: 1	2/09/22	Analyzed: 12/10/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			
Matrix Spike Dup (2250087-MSD2)				Source:	E212056-	02	Prepared: 1	2/09/22	Analyzed: 12/10/22
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130	10.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			



QC Summary Data

		QU D	u 111 111	ary Data	•				
Souder Miller Associates - Carlsbad 201 S Halagueno St. Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	(Rio Blanco 33 Fe 01057-0007 Heather Woods	ed 2				Reported: 12/12/2022 4:28:27PM
Carisbau Nivi, 88220		Floject Mallagel.	1	Teather woods					12/12/2022 4.20.2/1 W
	Nonh	alogenated Org	anics by	y 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 (2250083-BLK1)							Prepared: 1	2/09/22 <i>I</i>	Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.4		50.0		115	50-200			
LCS (2250083-BS1)							Prepared: 1	2/09/22 A	Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			
Matrix Spike (2250083-MS1)				Source: I	E212056-	07	Prepared: 1	2/09/22 A	Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	54.9		50.0		110	50-200			
Matrix Spike Dup (2250083-MSD1)				Source: I	E212056-	07	Prepared: 1	2/09/22 A	Analyzed: 12/09/22
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	3.32	20	
Surrogate: n-Nonane	55.0		50.0		110	50-200			



QC Summary Data

		C	-	J						
Souder Miller Associates - Carlsbad		Project Name:	R	tio Blanco 33 I	Fed 2				Rep	orted:
201 S Halagueno St.		Project Number:	0	1057-0007					•	
Carlsbad NM, 88220		Project Manager:	: H	leather Woods					12/12/2022	2 4:28:27PM
		Anions	by EPA	300.0/9056	4				Analys	t: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2250090-BLK1)							Prepared:	12/09/22	Analyzed:	12/09/22
Chloride	ND	20.0								
LCS (2250090-BS1)							Prepared:	12/09/22	Analyzed:	12/09/22
Chloride	266	20.0	250		106	90-110				
Matrix Spike (2250090-MS1)				Source:	E212056-0	1	Prepared:	12/09/22	Analyzed:	12/09/22
Chloride	280	20.0	250	ND	112	80-120				
Matrix Spike Dup (2250090-MSD1)				Source:	E212056-0	1	Prepared:	12/09/22	Analyzed:	12/09/22
Chloride	278	20.0	250	ND	111	80-120	0.822	20		

QC Summary Report Comment:

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



_				
	Souder Miller Associates - Carlsbad	Project Name:	Rio Blanco 33 Fed 2	
	201 S Halagueno St.	Project Number:	01057-0007	Reported:
	Carlsbad NM, 88220	Project Manager:	Heather Woods	12/12/22 16:28

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



ject Information				Chain	of Custody							1000	Jac		PA Program
1.	0.0	mercieta		Bill To	: 7			Lab	Use	Only,		TA		RCRA	CWA SDWA
ent: Souder N	Aller.	+ Associate	Attentio			Lab V	NOH	ne	100	b Nun	s-0007	-N		nenn	
ent:Souden oject: DID Bland oject Manager: Ffl	ALL D	woods	Addres	s: 🤷		PE	212	.05	<u><u><u></u></u></u>	alvsis	and Niethoo	d			State
oject Manager: Fitt	lague	no an	City, St	ate, Zip			- T	T	1		TT		T		NM CO UT AZ
ty, State, Zip	spad	NW 88330	Phone:		12 AN	5	5								ТХОК
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mail:			K	0#2098730	5	ROb	RO h	y 80	v 820	5 601		0.1	×1.0		
eport due by:					Lab	108 VA 080 PM	GRO/DRO by 8015	RTEX by 8021	VOC. by 8260	Metals 6010		BGDOC - NM	BGDOC - 1X		Remarks
		Sample ID			Number	ŝ	5	E I	5	2 0					
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1158 127	2	1 BHE	Sal			0.	0.1	1	(100		10.10	(ind	Iman
Additional Instruc	tions:	to Heat	haru	pods, Saval	may	X	h	lla	-1		H GLO		ton must	be received or	nice the day they are sampled o
please :	be validity and as	thenticity of this sample. It	m aware that tampe	ring with or intentionally mislabelling the	sample location.	s or				recente	ed packed in ice at	an avgier	is spone :	O but fess than	é Consubsequient davs
time of collection is conside	ered fraud and m	ay be grounds for legal actio	n. Sampled by:		Date		Ті	me		-				Use On	ly
Relinquished by: (Sign	ature)	Late	Time 215	Received by: (Signature)		8.2	21	08	30	Red	eived on i	ice: 1	(\mathbf{v})	N	
	X	12/122	Time	Received by (Signature)	/ Date	1	T	ma					±⊃.		Т3
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Relinquished by: (Sig	ature)	Date	Time	Received by: (Signature)	Date		T	ime			'G Temp °(c 4	ŀ		
Relinquishes ov. (Sig	,				Cont	ainer	Type	p . 5	ass. p				r glass	s, v - VOA	4
Sample Matrix: S - Sol.	, Sd - Solid, Sg	Sludge A - Aqueous, O -	Other	igements are made. Hatardous sam he laboratory is limited to the amou	alac will be returne	d to cli	ent or d	ispose	d of at	he clien	t expense Th	e-sport	for the	anal vsis of	the above samples is ap
No:e: Samples are disc	arded 30 dars	after results are reported	Unless other arrar The liability of t	igements are made . Hatarbous sam he laborator, is limited to the amoun	nt paid for on the r	eport									
only to those samples	received by in	roted													

Page 139 of 142

oject Information											Page	2 of
	Chain of Custody							20	h	1		
oject mitor neve a				Lak	o Use	Only		TA	TI	E	PA Progra	m
50,110, 2 ASSOCIATES	Bill To		10#	Ldi	1030	b Nur	mber	ID	3D	RCRA	CWA	SDWA
ient: Spider Miller + Asociates	Attention: DRIYON	Lab	212	05	ler	2010	mber 8-0007					
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ity, State, Zip all share and share	City, State, Zip	HT	T		1							
ddress: an the a NM 98220	Phone:	2	5								X	
ity, state, zig concernance	Email:	801	801	-	-			Σ			TX OI	1
Phone:	W0#20987302	Vd C	0 hv	802	826(2010		Z	×L.			
mail: Report due by:	lab	DRO/ORO by 8015	GRO/DRO hy 8015	BTEX by 8021	VOC. by 8260	Metals 6010	Chioride 300.0	BGDOC - NM	BGDOC - 1X		Re	emarks
No Sample ID	Numbe		GRC	BTE	NOV	Me	5	BG	BG			
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Additional Instructions: to Heathor	woods, Sarahmay S	au	VEL	$\Delta +$	0	Samp	des teruring them	ral preserva	ator au	st be received o	the the day the	ey are sampled or uent days
(faid sampler), attest to the validity and authenticity of this sampler. I am and	are that tampering with or intentionally mislabelling the sample location, da	ie or				recen	sed packed in ice a	t an aug ten	nt soove	20001-055300		
, (faid sampler), attest to the valuer, and may be grounds for legal action. San time of collection is considered fraud and may be grounds for legal action. San			Тт	ime					La	b Use Or	ly	
time of collection is considered inter Date	e Received by: (Signature)	- 8-			30	Be	ceived on	ice:	(Y)	/ N		
Relinquished by: (Signature)	545 Michell Gyp 12				-				9		The Adaptive State	
Relinquished by: (Signature) Date Tim	e Beceweo oy a Brio of the	19/2	ZV	D:	40	Т	L		<u>T2</u>		<u>T3</u>	
Relinquished by: (Senature) 12-8-22 1	600 alla Car		-	Time				1	1			
Reinquished by: (Signature) Date Tin	Received by: (Signature)					A	VG Temp	ic 7	-			
KERICUSICS ST. 1-5		tainer	Type	g - 2	lass, p				er gla	ss, v - V0/	A.	menias is applic
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Othe Note: Samples are discarded 30 data after results are reported unle	r be return	ed to cli	ent or o	dispos	ed of at	the clie	nt expense T	he report	for th	e anal vsis o	r : he soove s	an hies is solving
Sample Matrix: S - 504, 50 - 504, 50 - 504, 50 - 504, 50 - 504, 50 - 504, 50 - 504, 50 - 504, 50 - 504, 504, 504, 504, 504, 504, 504, 504,	ss other arrangements are made Hatarbous samples will be recar	report										
ony to those samples received by the												
envirotech)				•		80					
envilorect												
	Page 28 of 29)										

Page 140 of 142

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Souder Miller Associates - Carlsbad	Date Received:	12/09/22 10	0:40	We	ork Order ID:	E212056
Phone:	(575) 200-5443	Date Logged In:	12/08/22 16	6:58	Lo	gged In By:	Caitlin Christian
Email:		Due Date:	12/12/22 17	7:00 (1 day TAT)			
Chain of	Custody (COC)						
1. Does tl	he sample ID match the COC?		Yes				
2. Does the	he number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	JPS		
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			<u>Commen</u>	ts/Resolution
Sample 1	<u>Furn Around Time (TAT)</u>				~		~
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Sample #16.	BH14 @ 5	5 Sample jar was
Sample (Cooler				labeled BH14	· @ 4.5.	
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				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample	temperature: <u>4°</u>	<u>C</u>				
Sample (<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	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	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers	?	Yes				
19. Is the	appropriate volume/weight or number of sample contai	ners collected?	Yes				
Field La	bel						
	field sample labels filled out with the minimum inf	ormation:					
	ample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes	•			
-	Preservation		No				
	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				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		,	11/1				
Subconti	ract Laboratory	9	No				
28. Are s	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and i	•		Subcontract Lab			



envirotech Inc.

Released to Imaging: 3/2/2023 2:20:40 PM

Date

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	189426
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

CONDITIC		
Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A.	3/2/2023

Action 189426